ERS CONGRESS | 2025

27 September - 1 October | Amsterdam, Netherlands

PROGRAMME

G104/105 Session 08:00 - 19:15

OSCE examination : Thoracic ultrasound training programme Part 3 - OSCE examination - by invitation only

Aims : BY INVITATION ONLY - This session is the final part of the ERS Thoracic ultrasound training programme, for more information on the programme and how to register please visit: https://www.ersnet.org/education-and-professional-development/ers-certified-training-programmes/thoracic-ultrasound-certified-training-programme/

Chairs : Christian Borbjerg Laursen (Odense M, Denmark), Pia Iben Pietersen (Odense C, Denmark), Najib M. Rahman (Oxford, United Kingdom), Rahul Bhatnagar (Bristol, United Kingdom), Nick Maskell (Bristol (Avon), United Kingdom), Jouke T. Annema (Amsterdam, Netherlands), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Lars Konge (Copenhagen, Denmark, Denmark)

08:15	**TUS Part 3 - OSCE: Round 1** Christian Borbjerg Laursen (Odense M, Denmark), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Dinesh Addala (Oxford, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India)
09:20	**TUS Part 3 - OSCE: Round 2** Christian Borbjerg Laursen (Odense M, Denmark), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Dinesh Addala (Oxford, United Kingdom), Nick Maskell (Bristol (Avon), United Kingdom)
10:25	**TUS Part 3 - OSCE: Round 3** Najib M. Rahman (Oxford, United Kingdom), Eihab Bedawi (Sheffield, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India), Speaker to be confirmed
11:30	**TUS Part 3 - OSCE: Round 4** Najib M. Rahman (Oxford, United Kingdom), Eihab Bedawi (Sheffield, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India), Dinesh Addala (Oxford, United Kingdom)
12:35	**TUS Part 3 - OSCE: Round 5** Laurence M.M.J. Crombag (Amsterdam, Netherlands), Eihab Bedawi (Sheffield, United Kingdom), Nick Maskell (Bristol (Avon), United Kingdom), Speaker to be confirmed
13:40	**TUS Part 3 - OSCE: Round 6** Laurence M.M.J. Crombag (Amsterdam, Netherlands), Jesper Rømhild Davidsen (Odense C, Denmark), Nick Maskell (Bristol (Avon), United Kingdom), Speaker to be confirmed
14:45	**TUS Part 3 - OSCE: Round 7** Pia Iben Pietersen (Odense C, Denmark), Beenish Iqbal (Oxford, United Kingdom), Casper Falster (Odense, Denmark), Rahul Bhatnagar (Bristol, United Kingdom)
15:50	**TUS Part 3 - OSCE: Round 8** Rahul Bhatnagar (Bristol, United Kingdom), Beenish Iqbal (Oxford, United Kingdom), Jesper Rømhild Davidsen (Odense C, Denmark), Pia Iben Pietersen (Odense C, Denmark)
16:55	**TUS Part 3 - OSCE: Round 9** Rahul Bhatnagar (Bristol, United Kingdom), Pia Iben Pietersen (Odense C, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark), Casper Falster (Odense, Denmark)
18:00	**TUS Part 3 - OSCE: Round 10** Søren Helbo Skaarup (Aarhus C, Denmark), Beenish Iqbal (Oxford, United Kingdom), Casper Falster (Odense, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark)

E103/104 Session 08:30 - 13:30

Academy: Academy of paediatric respiratory medicine

Chairs : Ernst Eber (Graz, Austria), Fabio Midulla (Roma (RM), Italy)

08:30	**Endoscopy** Ernst Eber (Graz, Austria), Fabio Midulla (Roma (RM), Italy)
09:15	**Lung function tests** Nicolas Regamey (Lucerne, Switzerland), Annelies M. Zwitserloot (Groningen, Netherlands)

10:00	**Imaging and ultrasound** Carolina Casini (Roma (RM), Italy), Meinrad Beer (Ulm, Germany)
10:45	**Break** All speakers
11:15	**Bronchial asthma and wheezing disorders** Marielle Pijnenburg (Rotterdam, Netherlands), Louise Fleming (London, United Kingdom)
12:00	**Non-CF bronchiectasis** Ernst Eber (Graz, Austria), Fabio Midulla (Roma (RM), Italy)
12:45	**Sleep disorders** Refika Hamutcu Ersu (Ottawa, Canada), Athanasios G. Kaditis (Athens, Greece)

Elicium 1 Session 09:00 - 17:40

Postgraduate course: PG1 Thoracic ultrasound - €

Additional registration is required for this session.

Chairs : Rahul Bhatnagar (Bristol, United Kingdom), Beenish Iqbal (Oxford, United Kingdom), Najib M. Rahman (Oxford, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India)

09:00	**Welcome and introduction** Speaker to be confirmed
09:10	**Focused cardiac ultrasound** Casper Falster (Odense, Denmark)
09:30	**Case: Focused cardiac ultrasound** Casper Falster (Odense, Denmark)
09:40	**Limited compression ultrasonography of the deep veins for deep vein thrombosis assessment** Pia Iben Pietersen (Odense C, Denmark)
10:00	**Case: Limited compression ultrasonography** Pia Iben Pietersen (Odense C, Denmark)
10:10	**Ultrasound assessment of the diaphragm** Søren Helbo Skaarup (Aarhus C, Denmark)
10:30	**Case: Ultrasound assessment of the diaphragm** Søren Helbo Skaarup (Aarhus C, Denmark)
10:40	**Discussion and Q&A** Speaker to be confirmed
10:50	**Coffee break** Speaker to be confirmed
11:20	**Use of thoracic ultrasound in an intensive care unit** Silvia Mongodi (Pavia, Italy)
11:40	**Case: Use of thoracic ultrasound in an intensive care unit** Silvia Mongodi (Pavia, Italy)
11:50	**Use of thoracic ultrasound in an interstitial lung disease clinic** Jesper Rømhild Davidsen (Odense C, Denmark)
12:10	**Case: Use of thoracic ultrasound in an interstitial lung disease clinic** Jesper Rømhild Davidsen (Odense C, Denmark)
12:20	**Use of evidence-based training principles in thoracic ultrasound in a department** Pia Iben Pietersen (Odense C, Denmark)
12:40	**Case: Use of evidence-based training principles in thoracic ultrasound in a department** Pia Iben Pietersen (Odense C, Denmark)
12:50	**Discussion and Q&A** Speaker to be confirmed

13:00	**Lunch break** Speaker to be confirmed
14:00	**Advanced thoracic ultrasound for assessment of patients with pleural disease** Eihab Bedawi (Sheffield, United Kingdom)
14:20	**Case: Advanced thoracic ultrasound for assessment of patients with pleural disease** Eihab Bedawi (Sheffield, United Kingdom)
14:30	**Advanced thoracic ultrasound for assessment of patients with chest opacity** Christian Borbjerg Laursen (Odense M, Denmark)
14:50	**Case: Advanced thoracic ultrasound for assessment of patients with chest opacity** Christian Borbjerg Laursen (Odense M, Denmark)
15:00	**Discussion and Q&A** Speaker to be confirmed
15:10	**Ultrasound-guided biopsy of the pleura** Dinesh Addala (Oxford, United Kingdom)
15:30	**Case: Ultrasound-guided biopsy of the pleura** Dinesh Addala (Oxford, United Kingdom)
15:40	**Ultrasound-guided biopsy of lymph nodes** Anand Sundaralingam (Oxford, United Kingdom)
16:00	**Case: Ultrasound-guided biopsy of lymph nodes** Anand Sundaralingam (Oxford, United Kingdom)
16:10	**Break** Speaker to be confirmed
16:30	**Ultrasound-guided biopsy of the lung** Rachelle Asciak (SIGGIEWI, Malta)
16:50	**Case: Ultrasound-guided biopsy of the lung** Rachelle Asciak (SIGGIEWI, Malta)
17:00	**Thoracic ultrasound for advanced procedure guidance** Wui Mei Chew (Singapore, Singapore)
17:20	**Case: Thoracic ultrasound for advanced procedure guidance** Wui Mei Chew (Singapore, Singapore)
17:30	**Discussion and Q&A** Speaker to be confirmed

3A Session 09:00 - 17:00

NEXT: Networking Excellence Training Programme (NEXT)

Aims : By invitation only - The ERS NEXT programme provides a comprehensive training programme for ERS early career abstract presenters

Chairs : Thomas Gille (Bobigny, France)

09:00	**Welcome and overview of the day** Thomas Gille (Bobigny, France)
09:15	**Ice-breaker** Thomas Gille (Bobigny, France), Mathieu Marillier (Echirolles, France), Athénaïs Boucly (Paris, France)
09:30	**Presentation skills lecture** Dorina Esendagli (Ankara, Turkey)
10:00	**Presentation skills breakout (oral presentations: beginner)** Mathieu Marillier (Echirolles, France), Heleen Demeyer (Leuven, Belgium)
10:00	**Presentation skills breakout (oral presentations: some experience)** Marjolein A. Heuvelmans (Oldenzaal, Netherlands), Matteo SICILIANO (ROMA, Italy)

10:00	**Presentation skills breakout (oral presentations: experienced)** Laura Fabbri (London, United Kingdom), Howraman Meteran (Hvidovre, Denmark)
10:00	**Presentation skills breakout (oral presentations: posters)** Christoph Fisser (Donaustauf, Germany), Amanda Dandanell Juul (Odense S, Denmark)
11:30	**Coffee break** Speaker to be confirmed
12:00	**Complimentary skills to achieve success - panel discussion** Augusta Beech (Manchester, United Kingdom), Julien Guiot (Liège, Belgium), Niki Ubags (Epalinges, Switzerland), Eva Polverino (Barcelona, Spain)
13:00	**Mentoring lunch (with ERS Leadership)** Speaker to be confirmed
14:15	**Moderating lecture** Chiara Premuda (Palermo, Italy)
14:30	**Moderating role-play session** Christoph Fisser (Donaustauf, Germany), Susanne Vijverberg (Amsterdam, Netherlands), Amanda Dandanell Juul (Odense S, Denmark)
15:15	**Coffee break** Speaker to be confirmed
15:45	**Keynote: Manuscript writing and publishing** James D. Chalmers (Dundee (Angus), United Kingdom)
16:15	**Manuscript writing and publishing - Q&A discussion** Speaker to be confirmed
16:45	**Feedback and take-home messages** Thomas Gille (Bobigny, France)

E102 Session 09:00 - 17:15

Academy: Academy of adult respiratory medicine

09:00	**Introduction to workshops** Sophia E. Schiza (Heraklion, Greece), Stylianos Loukides (Athens, Greece), Gabor Kovacs (Graz, Austria)
09:15	**Sleep-related disorders** Dries Testelmans (Leuven, Belgium), Elisa Perger (Milano, Italy), Marieke L. Duiverman (Groningen, Netherlands)
10:15	**Coffee break** Speaker to be confirmed
10:45	**Respiratory infections** Raquel Duarte (Porto, Portugal)
11:45	**Pulmonary circulation** Gabor Kovacs (Graz, Austria), Mona Lichtblau (Zürich, Switzerland)
12:45	**Lunch break** Speaker to be confirmed
13:45	**Pulmonary function testing** Frans H.C. De Jongh (Enschede, Netherlands), Monika Franczuk (Warsaw, Poland)
14:45	**Lung imaging** Ádám Domonkos Tárnoki (Budapest, Hungary), Anna Kerpel-Fronius (Budapest, Hungary)
15:45	**Coffee break** Speaker to be confirmed
16:15	**Thoracic oncology** Maria Joana Pereira Catarata (Porto, Portugal), Wouter H. van Geffen (Leeuwarden, Netherlands)

Studio Session 09:00 - 09:45

Congress theme session: From home to work: the urgent need for safe indoor air

Aims : It is now recognized that COPD development can be due to biomass smoke exposure, especially in low-income countries. Women represent the main population exposed to biomass smoke due to cooking from an early age, throughout childhood, and during their entire lives. However, they do not fit the typical profile of COPD patients, who are usually older male smokers. As a result, women are often behind in the recognition of symptoms, the development of the disease, and therefore early intervention or adequate treatment. Furthermore, early exposure at a young age affects their development and can represent a trajectory to COPD development. Additionally, diagnosis is challenged due to a lack of diagnostic tools.

This session aims to discuss the risk, pathophysiology, and characteristics of COPD development due to biomass exposure and propose appropriate early interventions for treatment.
t will provide the most recent evidence on associated respiratory health effects and underlying biological pathways. Mitigation and adaptation actions will be discussed. Further, it will discuss the current international regulations on indoor air pollutants, highlighting the knowledge gaps. Finally, it will call for the global urgent need of health-based exposure limits both at work and at home to protect the most vulnerable subjects such as children, pregnant women, elderly, and people with underlying chronic lung conditions who are often homebound.

Method(s) : Epidemiology Public health Pulmonary function testing

Tag(s) : Clinical, Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory therapist, Journalist

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Nicolas Roche (Paris, France)

09:00	**The role of biomass exposure and indoor pollution in COPD development.** Naresh Chandra Gupta (New Delhi, India)
09:15	**Too clean to be true? From work to home how breathing cleaning products can damage your lungs** Sara De Matteis (Milan, Italy)
09:30	**Discussion and Q&A** Speaker to be confirmed

5D Session 09:30 - 13:00

Postgraduate course: PG4 Interpretation of adult and paediatric pulmonary function tests

Additional registration is required for this session.

Aims : To explain the basic principles of spirometry and the importance of pattern recognition in different lung pathologies of adults and children; to highlight the complexities in interpreting paediatric lung function and how to address these; to illustrate the different techniques for assessing airway resistance and bronchial hyperreactivity; to explain the basic principles of oscillometry and its contribution to better understand lung problems in both adults and children; to provide a step-by-step guide for interpreting arterial blood gas (ABG) results.

Disease(s) : Airway diseases Interstitial lung diseases Paediatric respiratory diseases

Method(s) : General respiratory patient care Physiology Pulmonary function testing

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Technical Assistant, Nurse, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), Guido Vagheggini (Volterra (PI), Italy)

09:30	**Effective performance of spirometry in adult and paediatric patients** Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom)
09:50	**Discussion and Q&A** Speaker to be confirmed
10:00	**Case discussion: effective performance of spirometry in adult and paediatric patients** Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom)
10:15	**Bronchoprovocation tests: effects on airway physiology testing** Zuzana Diamant (Groningen, Netherlands)
10:35	**Discussion and Q&A** Speaker to be confirmed
10:45	**Case discussion: bronchoprovocation tests** Zuzana Diamant (Groningen, Netherlands)

11:00	**Break** Speaker to be confirmed
11:30	**Understanding oscillometry: from theory to practice** Robab Breyer-Kohansal (Wien, Austria)
11:50	**Discussion and Q&A** Speaker to be confirmed
12:00	**Case discussion: Understanding oscillometry** Robab Breyer-Kohansal (Wien, Austria)
12:15	**Systematic approach to ABG interpretation** Joost Gerard van den Aardweg (Amsterdam (NH), Netherlands)
12:35	**Discussion and Q&A** Speaker to be confirmed
12:45	**Case discussion: a systematic approach to ABG interpretation** Joost Gerard van den Aardweg (Amsterdam (NH), Netherlands)

5C Session 09:30 - 13:00

Postgraduate course: PG3 Diffuse interstitial lung diseases of known cause: diagnosis and management

Additional registration is required for this session.

Aims : to explain how to interpret high-resolution computed tomography (HRCT) findings in order to increase suspicion or diagnostic confidence of connective tissue disease-associated interstitial lung disease (CTD-ILD)/hypersensitivity pneumonitis (HP) and what the main pitfalls in interpretation of HRCT findings are; to explain when a lung biopsy sample is necessary to increase the diagnostic confidence of these disorders and which method is more likely to help in this regard; to discuss the importance of the timing of treatment initiation in these disorders; to discuss the choice of the right immunosuppressive agent and the timing of initiation of antifibrotic treatment (i.e., before, concomitantly or after the initiation of immunomodulation) according to current evidence in the literature; to discuss the management of acute exacerbations of these disorders and the eligibility for and timing of intensive care unit admission; to discuss the correct timing of and eligibility for lung transplantation referral in patients with fibrotic forms that do not respond to treatment; to conduct an interactive session involving the participants through multiple-choice questions and round table discussions.

Disease(s) : Interstitial lung diseases Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology Imaging Transplantation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Radiologist, Thoracic surgeon

Chairs : Katerina Antoniou (Heraklion, Greece), Antoine Froidure (Bruxelles, Belgium)

09:30	**Introduction** Speaker to be confirmed
09:35	**HRCT and new imaging modalities in the evaluation of CTD-ILDs and HP** Helmut Prosch (Wien, Austria)
09:50	**Discussion and Q&A** Speaker to be confirmed
10:00	**Surgical lung biopsy versus cryobiopsy in CTD-ILDs and HP: when and which procedure is preferable?** Lauren Troy (Camperdown (NSW), Australia)
10:15	**Discussion and Q&A** Speaker to be confirmed
10:25	**CTD-ILDs: immunomodulation, antifibrotics or both?** Catharina C. Moor (Rotterdam, Netherlands)
10:40	**Discussion and Q&A** Speaker to be confirmed
10:50	**Break** Speaker to be confirmed

11:10	**HP: immunomodulation, antifibrotics or both?** GEORGE MARGARITOPOULOS (THESSALONIKI, Greece)
11:25	**Discussion and Q&A** Speaker to be confirmed
11:35	**Acute deterioration of diffuse interstitial lung diseases of known cause: which patients should be admitted to an intensive care unit?** Elisabeth Bendstrup (Aarhus N, Denmark)
11:45	**Acute deterioration of diffuse interstitial lung diseases of known cause: which patients should be listed for lung transplantation?** Federica Meloni (Padova, Italy)
11:55	**Round table discussion: acute deterioration of diffuse interstitial lung diseases of known cause** Speaker to be confirmed
12:25	**Summary of discussion and final case remarks** Speaker to be confirmed
12:45	**Wrap-up** Speaker to be confirmed

5B Session 09:30 - 13:00

Postgraduate course: PG2 Masterclass in asthma

Additional registration is required for this session.

Aims : to provide an update on the latest findings on asthma pathophysiology and treatment advantages.

Method(s) : Cell and molecular biology Epidemiology Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Physician in Pulmonary Training

Chairs : Florence Schleich (Liège, Belgium), Gert-Jan Braunstahl (Rotterdam, Netherlands)

09:30	**Asthma immunopathology and its clinical presentation** Anneke ten Brinke (Leeuwarden, Netherlands)
09:50	**Discussion and Q&A** Speaker to be confirmed
10:00	**Assessing patients with asthma is an art based on facts and knowledge of the disease and our patients** Matteo Bonini (Rome, Italy)
10:20	**Discussion and Q&A** Speaker to be confirmed
10:30	**Asthma pharmacotherapy starts with the right inhalations/inhalers and progresses accordingly** Omar S. Usmani (London, United Kingdom)
10:50	**Discussion and Q&A** Speaker to be confirmed
11:00	**Break** Speaker to be confirmed
11:30	**Assessing severe asthma and choosing the right biologic therapy** Arnaud Bourdin (Montpellier Cedex 5, France)
11:50	**Discussion and Q&A** Speaker to be confirmed
12:00	**Group assignment** Speaker to be confirmed

Amtrium Session 09:30 - 13:00

Postgraduate course: PG6 Advanced skills in non-invasive ventilatory support

Additional registration is required for this session.

Aims : to discuss the best practices in non-invasive respiratory support therapies for patients with acute and chronic respiratory failure; to review new developments in non-invasive respiratory support therapies (from high-flow nasal oxygen therapy to non-invasive ventilation).

Disease(s) : Respiratory critical care | Sleep and breathing disorders

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Medical Student, Respiratory critical care physician, Physician in Pulmonary Training, Respiratory physiotherapist

Chairs : João Carlos Winck (Vila Nova de Gaia, Portugal), Claudia Crimi (Catania (CT), Italy)

09:30	**Non-invasive respiratory support for acute hypoxemic respiratory failure** Speaker to be confirmed
09:50	**Discussion and Q&A** Speaker to be confirmed
10:00	**Non-invasive respiratory support for acute hypercapnic respiratory failure** Maria Laura Vega (Bologna, Italy)
10:20	**Discussion and Q&A** Speaker to be confirmed
10:30	**Strategies for enhancing non-invasive respiratory support in neuromuscular disease** Tiina Andersen (Bergen, Norway)
10:50	**Discussion and Q&A** Speaker to be confirmed
11:00	**Break** Speaker to be confirmed
11:30	**Ventilator-integrated polygraphy to titrate home mechanical ventilation : the new kid on the block?** Jesus Gonzalez (Montlignon, France)
11:50	**Discussion and Q&A** Speaker to be confirmed
12:00	**Group assignment** Speaker to be confirmed

3B Session 09:30 - 13:00

Postgraduate course: PG5 Managing pulmonary embolism: addressing controversies and exploring new strategies

Additional registration is required for this session.

Aims : to provide a comprehensive, evidence-based approach to the management of pulmonary embolism (PE) across the spectrum of risk stratification; to equip healthcare professionals with the latest knowledge and practical skills and thereby help to improve clinical outcomes, streamline care delivery and promote the adoption of best practices in PE management; to address the most controversial and relevant topics in the management of patients with PE through small working groups with the goal of fostering interactions between instructors and participants.

Disease(s) : Pulmonary vascular diseases | Respiratory critical care

Method(s) : General respiratory patient care | Imaging | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Physician in Pulmonary Training, Respiratory therapist

Chairs : Luis Jara-Palomares (Sevilla, Spain), Marion Delcroix (Leuven, Belgium)

09:30	**Getting off the ground: latest in PE risk stratification** David Jiménez Castro (Madrid, Spain)
09:45	**Discussion and Q&A** Speaker to be confirmed
09:50	**Guidelines and latest clinical trials in PE** Luis Jara-Palomares (Sevilla, Spain)

10:05	**Discussion and Q&A** Speaker to be confirmed
10:10	**Process and challenges associated with starting a PERT program (mock PERT call)** Parth Rali (Philadelphia, United States)
10:25	**Discussion and Q&A** Speaker to be confirmed
10:30	**Break** Speaker to be confirmed
11:00	**Case-based discussion breakouts** Speaker to be confirmed
11:00	**Group 1: sound waves of clarity: the transthoracic echocardiography views of significance** Olivier Sanchez (Paris, France)
11:00	**Group 2: case of intermediate-risk PE** Nesrin Öcal (Ankara, Turkey)
11:00	**Group 3: case of intermediate-risk PE with a clot in transit** David Jiménez Castro (Madrid, Spain)
11:00	**Group 4: selecting an interventional device: one side doesn't fit all** Parth Rali (Philadelphia, United States)
11:00	**Group 5: beyond the norm: exploring unique profiles of high-risk PE, including the role of the mechanical circulatory system** Luis Jara-Palomares (Sevilla, Spain)
11:00	**Group 6: post-PE dyspnoea** Laurent Godinas (Leuven, Belgium)
11:00	**Group 7: post-PE follow-up and surveillance** Francis Couturaud (Brest, France)
11:00	**Group 8: Q&A on how to operationalise PERT at your institution** Belinda Rivera-Lebron (Pittsburgh, United States)

Elicium 2 — Session — 09:30 - 11:00

Language session: Chinese programme 2025

Aims : To present an overview of hot topics on pulmonary infection and COPD in Europe and China.

Disease(s) : Airway diseases | Respiratory infections

Tag(s) : Translational

Chairs : Bin Cao (Beijing, China), Judith Garcia-Aymerich (Barcelona, Spain)

09:30	**Study on the Impact and Mechanism of Clonal Hematopoiesis of Indeterminate Potential on the Outcome of Community-Acquired Pneumonia** Jieming Qu (Shanghai, China)
09:45	**The Rise of Viral Pneumonia in the Post-COVID Era** Speaker to be confirmed
10:00	**Tuberculosis-associated COPD: consensus and unmet needs** Yongchang Sun (Beijing, China)
10:15	**From Post-TB Lung Disease to Multimorbidity: Lessons from Europe** Anthony Byrne (Allambie Heights, Australia)
10:30	**Discussion and Q&A** Speaker to be confirmed

7A — Session — 09:30 - 11:00

Forum: Primary and integrated respiratory care: part 1

Achieving universal coverage for lung health. Key actions in the Primary Care framework

Aims : to foster discussions and propose optimal strategies for enhancing universal health in relation to respiratory diseases within primary care interventions, including identifying early-life exposures that may pose a risk for lung disease and exploring preventive measures, taking into account various examples of community-based interventions and initiatives; to describe and investigate the implementation of pulmonary rehabilitation and palliative care by primary care health providers in diverse cultural and economic contexts.

Disease(s) : Airway diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Palliative care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Luke Daines (Edinburgh (Edinburgh), United Kingdom)

09:30	**Intervening early in life to reduce the risk of lung disease** Speaker to be confirmed
09:45	**A community-based approach to managing chronic obstructive pulmonary disease in a low- or middle -income country** Tara Ballav Adhikari (Kathamndu, Nepal)
10:00	**How can a health system be developed to deliver rehabilitation for patients with chronic respiratory diseases in low-resource settings?** G M Monsur Habib (Khulna, Bangladesh)
10:15	**What are the challenges and benefits of providing integrated respiratory and palliative care in urban and rural settings?** Natasha Smallwood (Melbourne (VIC), Australia)
10:30	**Discussion and Q&A** Speaker to be confirmed

Studio Session 10:00 - 10:45

Pro-Con debate: Viral Sepsis: Myth or Reality?

Aims : Define Viral Sepsis and Epidemiology: Provide a clear understanding of viral sepsis, its pathophysiology, and how it differs from bacterial and fungal sepsis, highlighting the unique immune mechanisms involved. It is important to present kety data on the epidemiology of viral sepsis, especially related to the mortality.
Improve Diagnostic Awareness and Understand the Immune Pathogenesis: Address the diagnostic challenges and gaps in detecting viral sepsis, emphasizing the underuse of viral panels in routine practice, especially during pandemics. To explore the immune mechanisms that viruses utilize to induce sepsis, including how they manipulate immune responses and trigger tissue damage.
Review Therapeutic Strategies: Discuss current treatment options for viral sepsis, identify areas for improvement, and highlight the need for future research to refine diagnostic and therapeutic approaches.

Disease(s) : Paediatric respiratory diseases Respiratory critical care Respiratory infections

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Nurse, Respiratory critical care physician, Paediatrician, Scientist (basic, translational)

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Nicolas Roche (Paris, France)

10:00	**Viral Sepsis: A Real Threat - Unveiling the Evidence Behind Its Impact** Speaker to be confirmed
10:15	**Viral Sepsis: Myth or Misdiagnosis? Challenging the Concept of Viral-Induced Organ Dysfunction**
10:30	**Panel discussion** Speaker to be confirmed

5A Session 10:30 - 17:15

Patient: ELF Patient Organisation Networking Day

Aims : By invitation only

Chairs : Dimitris Kontopidis (ATHENS, Greece), Liam Galvin (Thurles, Ireland)

10:30	**Welcome and networking (in person attendees only)** Dimitris Kontopidis (ATHENS, Greece), Speaker to be confirmed

11:30	**Welcome to all attendees from Dimitris Kontopidis, ELF Chair** Speaker to be confirmed
11:40	**Introduction to morning session**
11:45	**ERS President address** Speaker to be confirmed
11:55	**Keynote speech**
12:15	**Panel discussion and Q&A**
12:25	**Comfort break**
12:40	**Patient org presentation 1**
12:50	**Patient org presentation 2**
13:00	**Patient organisation video reel on topic**
13:10	**Patient organisation presentation 3**
13:20	**Panel discussion and Q&A**
13:40	**Lunch break and networking**
14:40	**Introduction to afternoon session**
14:45	**Break out group discussions**
15:35	**Plenary**
15:45	**Comfort break**
16:00	**Break out group discussions: call to action planning**
16:40	**Plenary**
16:55	**Congress Theme for 2026** Speaker to be confirmed
17:00	**10 years of ELF Patient Organisation Networking Day**
17:10	**Closing words**

G106/107 Session 10:40 - 13:00

Skills workshop: SW1 SW1: Pulmonary rehabilitation: extending practice to improve health outcomes

Additional registration is required for this session.

Aims : to describe diagnostic methods and interventions that enable phenotyping of individuals based on the clinical problems experienced and tailoring the content of pulmonary rehabilitation programmes to deliver a personalised approach; to describe methods of assessing physical activity level and promoting physical activity; to assess patients who may benefit from neuromuscular electrical stimulation and to explain how to apply and progress the treatment; to describe and evaluate the incorporation of mindfulness-based interventions into pulmonary rehabilitation and their outcomes.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Physiology | Pulmonary rehabilitation

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Andre Nyberg (Umeå, Sweden)

10:40	**Introduction** Speaker to be confirmed
10:50	**Physical activity assessment and intervention** Fabio De Oliveira Pitta (Londrina, Brazil), Joana Cruz (Leiria, Portugal)

10:50	**Neuromuscular electrical stimulation: in whom and how?** Roy Meys (Heerlen, Netherlands)
10:50	**How to improve balance and reduce falls in people undergoing pulmonary rehabilitation** Lotte Janssens (Diepenbeek, Belgium)
10:50	**Implementing mindfulness interventions into pulmonary rehabilitation** Eleonora Volpato (Milano (MI), Italy)

Studio — Session — 11:00 - 11:45

Pro-Con debate: Are e-cigarettes effective smoking cessation tools or Public Health hazards?

Pro-Con debate: E cig as tools for smoking cessation technique

Aims : This session will promote knowledge through an interactive dialogue in purpose:
-To examine the current scientific evidence supporting and opposing the use of e-cigarettes as a smoking cessation tool.
- to promote critical thinking in order to encourage an unbiased, evidence-based discussion about the efficacy, safety, and ethical considerations of e-cigarette use in smoking cessation.
- to address Public Health implications by exploring the broader public health ramifications of endorsing or restricting e-cigarettes for smoking cessation, including risks of youth vaping.
- to explore long-term health outcomes and research gaps.
- to inform policy and practice as the session will provide healthcare professionals, researchers, and policymakers with up-to-date insights for any decision-making regarding e-cigarette regulation and clinical recommendations.
- to weigh public health benefits against potential risks.
- to stimulate engagement among experts and audience live interaction will provide perspectives, address uncertainties, and highlight areas requiring further research.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Thoracic oncology

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Didier Cataldo (Liege, Belgium), Stamatoula Tsikrika (Athens, Greece)

11:00	**Pro: Are e-cigarettes effective smoking cessation tools or Public Health hazards?** Speaker to be confirmed
11:15	**Con: Are e-cigarettes effective smoking cessation tools or Public Health hazards?** Aslı Görek Dilektaşlı (Bursa, Turkey)
11:30	**Discussion and Q & A** Speaker to be confirmed

Elicium 2 — Session — 11:15 - 12:45

Language session: French programme 2025

A joint ERS/SPLF session

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Paediatrician

Chairs : Claire Andrejak (Amiens, France), François-Xavier Blanc (Nantes Cedex 1, France)

11:15	**Bronchial cancer and pollution** Alexis Cortot (Lille, France)
11:25	**Recent therapeutic trials in pulmonary fibrosis** Vincent Cottin (Lyon, France)
11:35	**Therapeutic news in pulmonary arterial hypertension: impact on the management algorithm** Athénaïs Boucly (Paris, France)
11:45	**Short-course treatment of tuberculosis in children** Blandine Prévost (Paris, France)
11:55	**Low-dose prolonged anticoagulation in thromboembolic disease: what is the latest news?** Francis Couturaud (Brest, France)

12:05	**Emergence of biotherapies in COPD.** Lucile Regard (Paris, France)
12:15	**Discussion and Q&A** Speaker to be confirmed

7A Session 11:15 - 12:45

Forum: Primary and integrated respiratory care: part 2

Global threats to respiratory health. Real challenges to improve

Aims : to address real problems of clinical management in respiratory health in primary healthcare, such as vaccine hesitancy, the impact of pollution and climate change, and inappropriate inhaler medication use, and which changes are needed and can bring great benefits to the patient and community; to explore and explain how to manage patient information regarding vaccination, antibiotic use and use of chronic versus rescue medication, thereby making doctor-patient communication more efficient with greater adherence to best practice; to identify strategies for improving respiratory health outcomes and promoting effective public health.

Disease(s) : Airway diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Respiratory physiotherapist, Journalist

Chairs : Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Luke Daines (Edinburgh (Edinburgh), United Kingdom)

11:15	**Strategies for family physicians to mitigate air pollution and manage chronic respiratory conditions** Ee Ming Khoo (Kuala Lumpur, Malaysia)
11:30	**Vaccination hesitancy: major issues in daily practice** Alan Kaplan (Stouffville (ON), Canada)
11:45	**Antibiotic resistance and climate change** Speaker to be confirmed
12:00	**Patients' beliefs and the impact on health and the environment** María Mar Martínez Vázquez (Bilbao (Bizkaia), Spain)
12:15	**Discussion and Q&A** Speaker to be confirmed

Studio Session 13:00 - 13:25

Experts interview: Pulmonary toxicity in new oncology drugs

Chairs : David Baldwin (Nottingham (Nottinghamshire), United Kingdom), Merel Hellemons (Rotterdam, Netherlands)

13:00	**Pulmonary toxicity in new oncology drugs** ARGYRIS TZOUVELEKIS (Patras, Greece)
13:15	**Discussion and Q&A** ARGYRIS TZOUVELEKIS (Patras, Greece), Stefano Gasparini (Ancona (AN), Italy)

Studio Session 13:25 - 13:50

Experts interview: Complications during interventional procedures: my worst bronchoscopy ever - what went wrong and how to fix it?

Chairs : David Baldwin (Nottingham (Nottinghamshire), United Kingdom), Merel Hellemons (Rotterdam, Netherlands)

13:25	**Complications during interventional procedures: my worst bronchoscopy ever - what went wrong and how to fix it?** Stefano Gasparini (Ancona (AN), Italy)
13:40	**Discussion and Q&A** ARGYRIS TZOUVELEKIS (Patras, Greece), Stefano Gasparini (Ancona (AN), Italy)

5D Session 14:00 - 17:30

Postgraduate course: PG9 Cardiopulmonary exercise testing in clinical practice: applying the basics to understand respiratory issues

Additional registration is required for this session.

Aims : to provide an introduction on cardiopulmonary exercise testing (CPET), including the basics of interpretation, in the context of clinical respiratory practice; to discuss the different patterns of abnormalities detected by CPET in order to help clinicians utilise this testing in respiratory clinics and help with management of patients; to provide a step-by-step approach to interpretation of CPET results using worked case examples; to describe the physiological abnormalities that can be detected by CPET and how these correlate with symptoms in patients with respiratory illnesses.

Disease(s) : Airway diseases

Method(s) : Physiology Pulmonary function testing Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Thoracic surgeon, Respiratory therapist

Chairs : James H. Hull (London, United Kingdom), Afroditi Boutou (Thessaloniki, Greece)

14:00	**What is CPET and what role does it play in a respiratory service?** Michele Schaeffer (Vancouver, Canada)
14:30	**Discussion and Q&A** Speaker to be confirmed
14:40	**How do you interpret a cardiopulmonary exercise test?** Hayley Lewthwaite (Merewether, Australia)
15:10	**Discussion and Q&A** Speaker to be confirmed
15:20	**How do you focus on the respiratory aspects of a cardiopulmonary case?** Paolo Palange (Rome, Italy)
15:50	**Discussion and Q&A** Speaker to be confirmed
16:00	**Break** Speaker to be confirmed
16:30	**Case presentations in cardiopulmonary exercise test interpretation** Pierantonio Laveneziana (Paris, France), J. Alberto Neder (Kingston (ON), Canada)

5C Session 14:00 - 17:30

Postgraduate course: PG8 Diagnosis and management of sarcoidosis

Additional registration is required for this session.

Aims : to discuss how to diagnose pulmonary sarcoidosis using different tools, such as imaging, tissue biopsy and biomarkers, and the pitfalls during the diagnostic trajectory; to increase knowledge of cardiac sarcoidosis, which is a leading cause of mortality in sarcoidosis; to discuss how to recognise common symptoms that are not organ-specific in sarcoidosis and their potential treatment options; to provide updates on the mechanisms of possible new treatment options for sarcoidosis in the near future.

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Nurse, Radiologist, Respiratory therapist

Chairs : Irina Ruxandra Strambu (Bucuresti (Sector 5), Romania), Jacobo Sellares Torres (Barcelona, Spain)

14:00	**Introduction** Speaker to be confirmed
14:05	**Practical aspects in diagnosis and treatment of pulmonary sarcoidosis** Florence Jeny (bobigny, France)
14:25	**Discussion and Q&A** Speaker to be confirmed
14:35	**Diagnosis and management of cardiac sarcoidosis: state of the (he)art** Vasileios Kouranos (London, United Kingdom)
14:55	**Discussion and Q&A** Speaker to be confirmed

15:05	**Break** Speaker to be confirmed
15:30	**Holistic approach to management in sarcoidosis: airy-fairy or necessary?** Marcel Veltkamp (De Meern, Netherlands)
15:50	**Discussion and Q&A** Speaker to be confirmed
16:00	**Back to basics: understanding disease mechanisms as the backbone for emerging treatment options in sarcoidosis** Antje Prasse (Hannover, Germany)
16:20	**Discussion and Q&A** Speaker to be confirmed
16:30	**Group assignment: clinical case discussions** Speaker to be confirmed

3B Session 14:00 - 17:30

Postgraduate course: PG10 Update on the treatment concepts for obstructive sleep apnoea

Additional registration is required for this session.

Aims : to discuss the available treatment options for obstructive sleep apnoea (OSA); to explain the indications, advantages and drawbacks of these different treatment concepts; to discuss the appropriate selection of different treatment modalities; to explain successful therapy and important outcomes of OSA treatment from the patient's and physician's perspectives.

Disease(s) : Respiratory critical care Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational)

Chairs : Esther Irene Schwarz (Zürich, Switzerland), Elisa Perger (Milano, Italy)

14:00	**Continuous positive airway pressure: implementation and follow-up strategies integrating new technologies** Manuel Sanchez De La Torre (Toledo, Spain)
14:20	**Discussion and Q&A** Speaker to be confirmed
14:30	**Patient selection, outcomes and current gaps for the implementation of non-continuous positive airway pressure treatments** Athanasia Pataka (Thessaloniki, Greece)
14:50	**Discussion and Q&A** Speaker to be confirmed
15:00	**Pharmaceutical therapies for OSA, weight loss and residual sleepiness** Dries Testelmans (Leuven, Belgium)
15:20	**Discussion and Q&A** Speaker to be confirmed
15:30	**Break** Speaker to be confirmed
16:00	**Successful therapy and important outcomes in OSA: the patient's and physician's perspectives** Stefania Redolfi (Cagliari, Italy)
16:20	**Discussion and Q&A** Speaker to be confirmed
16:30	**Group assignment** Speaker to be confirmed

E103/104 Session 14:00 - 17:30

Postgraduate course: PG12 Novel technologies and insights into immune-epithelial interactions in the lung

Additional registration is required for this session.

Aims : to provide examples of novel technologies and analytical tools used to study immune-epithelial interactions in the lung; to present and discuss new research findings and how these can be clinically translated as well as future research questions in this field.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Basic science

Target audience : Clinical researcher, Scientist (basic, translational)

Chairs : Mareike Lehmann (Marburg, Germany), Antonella Dost (Utrecht, Netherlands)

14:00	**Introduction** Speaker to be confirmed
14:05	**Using high-dimensional mass cytometry to uncover emphysema-associated immune changes** Padmini Khedoe (Den Haag, Netherlands)
14:25	**Discussion and Q&A** Speaker to be confirmed
14:35	**Understanding the role of macrophages in tissue building, injury and infection** Speaker to be confirmed
14:55	**Discussion and Q&A** Speaker to be confirmed
15:05	**Round table discussions: experience sharing** Speaker to be confirmed
15:30	**Break** Speaker to be confirmed
16:00	**Using big data to study immune-epithelial cell interactions** Marko Nikolic (Cambridge (Cambridgeshire), United Kingdom)
16:20	**Discussion and Q&A** Speaker to be confirmed
16:30	**Taking epithelial-immune interactions from bench to bedside** Ali Oender Yildirim (Neuherberg, Germany)
16:50	**Discussion and Q&A** Speaker to be confirmed
17:00	**Group assignment: discussion with multiple-choice questions** Speaker to be confirmed

5B Session 14:00 - 17:30

Postgraduate course: PG7 Masterclass in chronic obstructive pulmonary disease

Additional registration is required for this session.

Aims : to provide an update on the latest findings on the pathophysiology, diagnosis, prevention and treatment of chronic obstructive pulmonary disease (COPD).

Disease(s) : Airway diseases

Method(s) : Public health Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Medical Student, Physician in Pulmonary Training

Chairs : Apostolos Bossios (Stockholm, Sweden), Efthymia Papadopoulou (Thessaloniki, Greece)

14:00	**Underlying inflammation in COPD: a complex puzzle we need to understand** Daiana Stolz (Freiburg, Germany)

14:20	**Discussion and Q&A** Speaker to be confirmed
14:30	**Identifying, following and addressing stable and exacerbation-prone COPD** Alexander Mathioudakis (Manchester, United Kingdom)
14:50	**Discussion and Q&A** Speaker to be confirmed
15:00	**Novel therapies for COPD. Targeting inflammation in the new era: how and when?** Dave Singh (Manchester, United Kingdom)
15:20	**Discussion and Q&A** Speaker to be confirmed
15:30	**Break** Speaker to be confirmed
16:00	**Improving the lives of patients with COPD. Targeting lung function and nutrition: rehabilitation** Frits M.E. Franssen (Maastricht, Netherlands)
16:20	**Discussion and Q&A** Speaker to be confirmed
16:30	**Group assignment** Speaker to be confirmed

Amtrium Session 14:00 - 17:30

Postgraduate course: PG11 Severe respiratory infections

Additional registration is required for this session.

Aims : to provide a comprehensive overview of the diagnosis and management of severe respiratory infections, addressing key challenges and advances in the field; to explain the role of non-invasive diagnostic and monitoring approaches, the appropriate use of corticosteroids and the specificities of severe infections in immunocompromised patients; to focus on the increasing recognition of invasive aspergillosis in the context of severe viral pneumonia, particularly influenza-associated pulmonary aspergillosis (IAPA) and COVID-19-associated pulmonary aspergillosis (CAPA); to emphasise evidence-based approaches and practical considerations in clinical decision-making, promoting interactive discussions and case-based learning; to integrate current knowledge into participants' clinical practice, optimise patient outcomes and engage in multidisciplinary strategies for the management of severe respiratory infections.

Disease(s) : Respiratory critical care Respiratory infections

Method(s) : General respiratory patient care Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient

Chairs : Claire Andrejak (Amiens, France), Catia Cilloniz Campos (Barcelona, Spain), Cristina Prat Aymerich (Utrecht, Netherlands)

14:00	**Non-invasive methods in respiratory infections** Cristina Prat Aymerich (Utrecht, Netherlands)
14:20	**Discussion and Q&A** Speaker to be confirmed
14:30	**The role of corticosteroids in severe respiratory infections** Speaker to be confirmed
14:50	**Discussion and Q&A** Speaker to be confirmed
15:00	**Specificities of severe respiratory infections in immunocompromised patients** Guang-Shing Cheng (Seattle, United States)
15:20	**Discussion and Q&A** Speaker to be confirmed
15:30	**Break** Speaker to be confirmed

16:00	**Invasive aspergillosis in patients with severe viral pneumonia (IAPA and CAPA)** Eva Van Braeckel (Ghent, Belgium)
16:20	**Discussion and Q&A** Speaker to be confirmed
16:30	**Case-based discussions** Speaker to be confirmed
17:00	**Multiple-choice questions** Speaker to be confirmed
17:10	**Discussion of controversial statements** Speaker to be confirmed
17:20	**Experience sharing and best practices** Speaker to be confirmed

Elicium 2 — Session — 14:00 - 15:30

Language session: Spanish/Portuguese programme 2025

Targeting infections in respiratory diseases. A joint ERS/ALAT/SBPT/SEPAR/SPP session

Aims : to review the diagnosis, management and prevention of respiratory infections in patients with respiratory diseases. This session will be delivered in Spanish and Portuguese.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory infections

Method(s) : General respiratory patient care

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Patient, Physician in Pulmonary Training

Chairs : Miriam Barrecheguren Fernandez (Barcelona, Spain), Felipe Villar Alvarez (Madrid, Spain)

14:00	**Phenotyping exacerbations in asthma and chronic obstructive pulmonary disease** Carlos José Cordeiro Lopes (Lisboa, Portugal)
14:15	**New developments in bronchiectasis** Eva Polverino (Barcelona, Spain)
14:30	**Infections in diffuse interstitial lung disease** Lorena Itzel Noriega Aguirre (Ciudad de Panamá, Panama)
14:45	**Vaccination in chronic respiratory patients** Rosemeri Maurici Da Silva (Florianópolis (SC), Brazil)
15:00	**Discussion and Q&A** Speaker to be confirmed

7A — Session — 14:00 - 15:00

Forum: Paediatric: part 1

Congenital malformations: diagnosis and management

Aims : to provide different perspectives on standard of care and quality of life in rare and complex congenital airway diseases; to answer open questions existing in the daily clinical life of paediatric pulmonologists, including what imaging is best and when, how should these children be treated and monitored, is surgery or a wait-and-see approach the right decision and in whom, and how should these children be followed up and what may happen in adulthood?

Disease(s) : Airway diseases | Paediatric respiratory diseases

Method(s) : Epidemiology General respiratory patient care Imaging

Tag(s) : Clinical

Target audience : General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Physician in Pulmonary Training, Radiologist, Respiratory therapist

Chairs : Alexander Möller (Zürich, Switzerland), Deepa Patel (Leicester, United Kingdom)

14:00	**Congenital airway malformations: rational imaging** Speaker to be confirmed

14:15	**Congenital airway malformations: prognosis and pulmonary monitoring** Christophe Delacourt (Paris, France)
14:30	**Management of lung disease in children after oesophageal atresia repair** Anastassios Koumbourlis (Washington, United States)
14:45	**Discussion and Q&A** Speaker to be confirmed

Studio Session 14:05 - 14:50

EU project: The european progress on finding SOLACE in lung cancer screening

EU project SOLACE

Aims : This session aims to provide an update on the most recent progress of SOLACE which is a pioneering EU4Health project under Europe's Beating Cancer Plan. At the end of this session the participants will:
1. obtain an update on the three on-going SOLACE implementation pilots in eleven EU Member States, and
2. learn about the progress made in the SOLACE Lung Cancer Screening guideline, implementation and quality assurance package as well as the related SOLACE Tool box approach project.

Disease(s) : Thoracic oncology

Method(s) : Imaging Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : David Baldwin (Nottingham (Nottinghamshire), United Kingdom), Merel Hellemons (Rotterdam, Netherlands)

14:05	**Title : SOLACE and EU member states: Recent progress in the three SOLACE implementation pilots to improve inclusion rates in lung cancer screening programs** Joanna Chorostowska-Wynimko (Warsaw, Poland)
14:20	**Overcoming challenges and bottlenecks in implementation of lung cancer screening programs: The SOLACE Guideline project and Tool box approach** Torsten Gerriet Blum (Berlin, Germany)
14:35	**Discussion and Q&A** Speaker to be confirmed

G106/107 Session 14:30 - 16:50

Skills workshop: SW2 SW2: Pulmonary rehabilitation: extending practice to improve health outcomes

Additional registration is required for this session.

Aims : to describe diagnostic methods and interventions that enable phenotyping of individuals based on the clinical problems experienced and tailoring the content of pulmonary rehabilitation programmes to deliver a personalised approach; to describe methods of assessing physical activity level and promoting physical activity; to assess patients who may benefit from neuromuscular electrical stimulation and to explain how to apply and progress the treatment; to describe and evaluate the incorporation of mindfulness-based interventions into pulmonary rehabilitation and their outcomes.

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Chairs : Alda Marques (Aveiro, Portugal)

14:30	**Introduction** Speaker to be confirmed
14:40	**Physical activity assessment and intervention** Fabio De Oliveira Pitta (Londrina, Brazil), Joana Cruz (Leiria, Portugal)
14:40	**Neuromuscular electrical stimulation: in whom and how?** Lorna Latimer (Leicester, United Kingdom)
14:40	**How to improve balance and reduce falls in people undergoing pulmonary rehabilitation** Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom)
14:40	**Implementing mindfulness interventions into pulmonary rehabilitation** Alice Malpass (Bristol, United Kingdom)

7A Session 15:15 - 16:15

Forum: Paediatric: part 2

Paediatric respiratory tract infections

Aims : to explain how to recognise children at high risk of respiratory infections and how to apply effective prevention strategies, including the use of new respiratory syncytial virus vaccines; to discuss the causes, early warning signs and effective treatments for severe lung infections such as pneumonia in order to reduce child mortality and complications; to discuss the evidence for the use of prophylactic antibiotics to prevent respiratory infections in children with chronic lung diseases, their impact on the microbiome and the risks of antibiotic resistance.

Disease(s) : Paediatric respiratory diseases

Method(s) : Epidemiology General respiratory patient care Public health

Target audience : Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Alexander Möller (Zürich, Switzerland), Deepa Patel (Leicester, United Kingdom)

15:15	**Strategies for prevention of childhood respiratory infections** Louis Bont (Utrecht, Netherlands)
15:30	**Severe lung infections with potentially life-threatening consequences in children** Stefan Unger (Edinburgh (Edinburgh), United Kingdom)
15:45	**Antibiotic therapies in chronic paediatric lung diseases: evidence and impact** Valerie Waters (Toronto (ON), Canada)
16:00	**Discussion and Q&A** Speaker to be confirmed

7A Session 16:30 - 17:30

Forum: Paediatric: part 3

Prevention of respiratory diseases in children

Aims : to review European Respiratory Society advocacy activities that aim to improve the health of children; to discuss the health effects of vaping in children and how healthcare workers advocate against this new pandemic; to explain the intricate relationship between obesity and respiratory disorders; to discuss strategies to prevent and improve obesity.

Disease(s) : Airway diseases Paediatric respiratory diseases Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Respiratory therapist, Journalist

Chairs : Alexander Möller (Zürich, Switzerland), Deepa Patel (Leicester, United Kingdom)

16:30	**Primary prevention of paediatric lung diseases** Monika Gappa (Düsseldorf, Germany)
16:45	**Vaping: the new pandemic. What can healthcare professionals do to stop it?** Sophie Cohen (Amsterdam, Netherlands)
17:00	**Prevention of obesity-related respiratory disease** Stijn Verhulst (Antwerpen, Belgium)
17:15	**Discussion and Q&A** Speaker to be confirmed

G104/105 Session 08:00 - 10:20

Skills workshop: SW3 SW3: Advanced interpretation of cardiopulmonary exercise testing

Additional registration is required for this session.

Aims : to discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop new skills and expertise in order to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop skills to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Physiology Pulmonary function testing Pulmonary rehabilitation

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Pierantonio Laveneziana (Paris, France)

08:00	**Assessing breathlessness** Paolo Onorati (Alghero (SS), Italy)
08:00	**Laryngoscopy during exercise: live demonstration** James H. Hull (London, United Kingdom), Hege Clemm (Paradis, Norway)
08:00	**Ventilatory efficiency and gas exchange** Afroditi Boutou (Thessaloniki, Greece)
08:00	**Dynamic hyperinflation and other respiratory measurements: live demonstration** William Stringer (Long Beach, United States), Mathieu Marillier (Echirolles, France)

PS-14 Session 08:00 - 09:30

Poster session: Pulmonary function in chronic respiratory disorders

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Pulmonary function testing Pulmonary rehabilitation Physiology Epidemiology Public health Respiratory intensive care

Chairs : Chair to be confirmed

The effect of Elexacaftor/Tezacaftor/Ivacaftor (ETI) on bronchial tapering as marker of bronchial dilatation in people with CF aged 12 above (RECOVER study)
Harm Tiddens (Rotterdam, Netherlands), Yuxin Chen, Rudolfs Latisenko, Jean-Paul Charbonnier, Karen Lester, Rachel Cregan, David Rea, Thara Persaud, Eilish Twomey, Barry Linnane, Siobhan Mcgrane, Merlijn Bonte, Punit Makani, Jonathan Dodd, Edward Mckone, Thomas Semple, Daan Caudri, Jane Davies, Paul Mcnally

Lung function changes in children and adolescence in the LEAD general population cohort
Marie Grasl (Wien, Austria), Ahmad Karimi, Alvar Agusti, Rosa Faner, Marie-Kathrin Breyer, Robab Breyer-Kohansal

CT-scan based analysis of thoracic muscles in alpha-1-antitrypsin deficiency patients: a cohort study
Klervi Doucet (Bordeaux, France), Julia Rubenstein, Ilyès Benlala, Marine Douillet, Arnaud Maurac, Gaël Dournes, Maéva Zysman, Pauline Henrot

International Delphi study: Interpreting respiratory oscillometry in adults with asthma or COPD
Gregory King (Sydney (NSW), Australia), Li Ping Chung, Bruce Thompson, Omar Usmani, Salman Siddiqui, Ronald Dandurand, Monica Kraft, Claude Farah

Prevalence of small airways obstruction (SAO) in post TB COPD patients: An Observational Indian multicentric study
Deesha Ghorpade (Pune (Maharashtra), India), Suhas Bardapurkar, Shreehas Bardapurkar, Vivek Vardhan Veerapaneni, Vishnun Rao Veerapaneni, Kalpesh Panchal, Nm Aleemuddin, Jaymohan Unnithan, Anil Kumar Singh, Parthasarathi Bhattacharyya, Goli M Venkata Kasiram, Sonia Dalal, Gayathri Malkapuram, Vishlavath Bhaskar, Abhinav Bhosale, Mahendra Kumar Gupta, Vaibhav Kubal, Huda Shamim, Nandagopal Velayuthaswamy, Srikanth Krishnamurthy, Nagarajan Srinivasan, Sapna Madas, Abhishek Sabale, Ruby Swami, Samruddhi Bhalare, Nikita Navale, Deepika Dhumal, Namiksha Koli, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay, Rushika Shah, Sujata Chauthmal, Sundeep Salvi

Addressing Gaps in Inhalation QC in Forced Spirometry Maneuvers
Benoit Cuyvers (Leuven, Belgium), Diana Teixeira E Silva, Paul Desbordes, Kevin Mccarthy, Todd Lustine, Carl Mottram, Jeroen Berrevoets, Marko Topalovic

Pulmonary Function Patterns Across Different COPD Phenotypes : A Correlation Analysis
Maethawee Kiatpanabhikul (Bangkok, Thailand), Worawan Sirichana, Nareerat Sae-Eaw

Respiratory Phenotypes in Young Adults
Xènia Carrizosa (Barcelona, Spain), Rosa Faner, Ciro Casanova, Fatima Crispi, David Díaz, Luís González, Carolina Gotera, Amanda Iglesias, José Luís Izquierdo, José María Marín, Diego Morena, Rommy H. Novoa, Andrea Ocaña, Sergi Pascual, Sabina Perelló, Ana Priegue, Cristina Represas, David Sanz-Rubio, Antoni Siso, Marc Vila, Àlvar Agustí, P4copd Study Group

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Lung function deficits in healthy young and old smokers and in COPD subjects.
Ellen Tufvesson (Lund, Sweden), Linnea Jarenbäck, Abir Nasr, Georgia Papapostolou, Jaro Ankerst, Leif Bjermer

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Dose-Response Ratio (RDR) Outperforms -lgPC100 in Predicting Airway Hyperresponsiveness: Correlations with Lung Function and Mucus Pathology in Murine Asthma Models
Wuping Bao (Shanghai, China), Yanmei Lin, Yiting Wu, Lei Zhao, Jifei Wu, Min Zhang

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LOSS OF LUNG FUNCTION AT 5 YEARS IN PATIENTS WITH ASTHMA: DECLIVEMS STUDY.
Maria Luisa Polonio Gonzalez (sevilla, Spain), Javier Diez Sierra, Antonio León Lloreda, Belen Muñoz Sanchez, David Echavarria Kashmiri, Marta Ferrer Galvan, Maria Auxiladora Romero Falcon, Francisco Javier Gutierrez Alvarez, Juan Francisco Medina Gallardo

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The Relationship Between Physical Function, Peripheral Muscle Stiffness, and Inspiratory Muscle Strength in Critically Ill Patients
Hatice KARABULUT (Istanbul, Turkey), Yunus Emre Tutuneken, Kubra Kardes, Hande Caglıyan, Beyza Tanrıogen, Hakan Parlak, Nurgul Durustkan Elbası, Gul Deniz Yılmaz Yelvar

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Body Mass Index and Pediatric Asthma: Does Weight Influence Lung Function More Than Symptoms?
Chaima BRIKI (ariana, Tunisia), Khouloud Kchaou, Nour Ben Mrad, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine

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Small airway dysfunction in mild asthma: associations with impaired lung function, bronchodilator responsiveness, reduced control, and clinical characteristics.
Alex Mann (Lond, United Kingdom), Aruna T Bansal, Melissa Bevan, Aristotle Bancale, Laura Wajtowitz, Vito Erasmo Cassandro, Alex Lima, Rachna Goburdhun, Christine Topham, Mona Bafadhel

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Comparative Analysis of Airway Resistance in PRISm Using Spirometry and Impulse Oscillometry
Parakkal Sukumaran (Kottayam (Kerala), India), P T Shamna, P Rekha, R Anuja, M Midhun

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Airway Collapse and Hyperinflation in the Non-Specific Pattern of Lung Function
Yosra Abdelhedi (tunis, Tunisia), Khouloud Kchaou, Soumaya Khaldi, Nour Ben Mrad, Saloua Ben Khamsa Jameleddine

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X-linked dominant FLNA-associated emphysema: clinical heterogeneity in female family members over 5 generations
Franziska Vocht (Köln, Germany), Sarah Stanzel, Melanie Berger, Wolfram Windisch

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CAT score and airway obstruction in smokers without COPD: Preliminary results
Sabri Serhan Olcay (Muğla, Turkey), Barış Kara

Does exposure to secondhand-smoke on beaches cause respiratory effects? A systematic review
Cristina Fioravanti (roma, Italy), Martina Barnabei, Martina Antinozzi, Roberto Boffi, Ario Alberto Ruprecht, Giovanni Inciso, Lorella Beretta, Maria Caterina Staccioli, Maria Sofia Cattaruzza

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Predictive Factors of Severe COPD Exacerbation
Hend Ouertani (Tunis, Tunisia), Feriel Ben Soltana, Emna Ben Jemai, Maroua Abbassi, Tasnim Djebali, Haifa Zaibi, Jihene Ben Amar

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PS-3 Session 08:00 - 09:30

Poster session: Primary care perspectives and strategies to manage acute and chronic respiratory challenges

Disease(s) : Airway diseases

Method(s) : Physiology Public health General respiratory patient care Epidemiology Pulmonary rehabilitation Pulmonary function testing Imaging

Chairs : Chair to be confirmed

Running on fumes? Establishing the reliability of inhaler weight to determine doses remaining for pressurized metered dose inhalers
Chloe Fairbrother (Newcastle-under-Lyme, United Kingdom), Will Carroll, Francis Gilchrist

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Driving sustainability: preventative respiratory models & green prescribing in a rural primary care practice
Meredith Donaldson (MARKET RASEN, United Kingdom), Carl Deaney

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Assessment of Differences in Lung Capacities and Hemoglobin Levels between Professional Athletes and Healthy Non-Athlete Individuals
Nazlı Zeynep Uslu (Istanbul, Turkey), Aysenur Gençalp, Sercan Sakalli, Yasin Seçkin, Irem Karaman, Sebahat Dilek Torun, Merih Kalamanoglu Balci

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The fit between asthma self-management implementation strategies and practice context: A case study within the IMP2ART cluster randomised controlled trial.
Jessica Sheringham (London, United Kingdom), Brigitte Delaney, Catherine Macleod, Kirstie Mcclatchey, Elizabeth Steed, Viv Marsh, Victoria Hammersley, Stephanie Taylor, Hilary Pinnock

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Exploring perspectives of family physicians and adults with increased risk about invasive pneumococcal disease and pneumococcal vaccination: results from VAXVISION study
Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Jaime Correia-De-Sousa, Rui Costa, Joao Romano

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The Reliever Reliance Test: a pilot study evaluating a pragmatic tool to address SABA over-reliance in a primary care setting
Zoe Moon (London, United Kingdom), Robert Horne, Vince Mak

Post-COVID Respiratory Syndrome (pCRS): Could There Be a New Definition in the Airway Disease Group?
Duygu Zorlu (İzmir, Turkey), Ozge Uçman Tuncer, Songül Ozyurt

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Community-based health screening camps for early detection and diagnosis of Chronic Respiratory Diseases (CRD)s in Pune, India
Sushil Singh (Chandrapur, India), Dipali Dhamdhere, Diksha Singh, Vishal More, Parag Khatavkar, Hilary Pinnock, Dhiraj Agarwal

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Clinical rebound after ensitrelvir treatment for COVID-19
Yu Kasamatsu (Osaka, Japan), Masanori Kobayashi, Kazushi Yamairi

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Long COVID during Omicron: Patients' characteristics, vaccine uptake and healthcare resource utilisation
Jingyan Yang (New York, United States), Kiran Rai, Cale Harrison, Rebecca Butfield, David Gruben, Hannah Gowman, Rosie Hulme, Isabel Jimenez, Hannah R Volkman, Jennifer Nguyen

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The early days of Integrated Respiratory Care in Ireland: Feedback from General Practitioners
Helen O'Brien (Ratoath, Ireland), Jack Mccarthy, Orla O'Carroll, Deirdre Fitzgerald, Sinead Walsh, Alessandro N Franciosi

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The follow-up chest X-Ray after a diagnosis of community acquired pneumonia: for the patient's benefit or the physician's satisfaction?
Sanjeewa Malinda Hettiarachchi (Preston, United Kingdom), Sugeesha Wickramasinghe, Lauren Nelson, Britney Vernon, Himanshu Singh

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Evaluating the implementation of a multi-component intervention to improve technical quality of primary care spirometry
Anthony Paulo Sunjaya (Sydney, Australia), George Edwards, Satesh Sehdev, Suhani Patel, Gillian Doe, Ethaar El-Emir, Nannette Spain, Louise Perugia, Shivan Majithia, Joanna Shakespeare, Vicky Moore, Joanna Purvis, Matthew Rutter, Karl Sylvester, Samantha Kon, William Man

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Mapping the long-term pattern of SABA and OCS dispensing using longitudinal pharmacy dispense records to determine high risk behaviours
Biljana Cvetkovski (Sydney (NSW), Australia), Rachel House, Katherine Borg, Mike Da Gama, Nick Biggs, Marius Mather, Sinthia Bosnic-Anticevich

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Experiences of a primary care intervention promoting use of an online health community (OHC) for adults with troublesome asthma: Qualitative interview study
Georgios Dimitrios Karampatakis (London, United Kingdom), Helen Wood, Xiancheng Li, Chris Griffiths, Stephanie Taylor, Boby Mihaylova, Veronica Toffolutti, Clare Relton, Pietro Panzarasa, Victoria Bird, Aziz Sheikh, Jonathan Mant, Richard Ashcroft, Neil Coulson, Nishanth Sastry, Nathan Lea, Jane Watson, Bill Day, Viv Marsh, Neil Walker, Anna De Simoni

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Register study comparing adherence to inhaled corticosteroids and oral treatments
Caroline Ahlroth Pind (Uppsala, Sweden), Björn Ställberg, Elin Dahlén, Christer Janson, Össur Ingi Emilsson

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Inhaler Selection in Clinical Practice: Contrasting Perceptions and Experiences of General Practitioners and Specialists in Inhalation Therapy
Piotr Damiański (Lodz, Poland), Maciej Wojakiewicz, Adam Białas

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Asesment of pulmonary function in Duchenne muscular dystrophy patients: spirometry vs oscillometry.
Eliza Wasilewska (Gdańsk, Poland), Andrzej Wasilewski, Dominika Sabiniewicz-Ziajka, Beata Skonieczna, Marek Niedoszytko

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Tuberculosis Preventive Therapy in India-Are we ready?
Darshan Kumar Bajaj (Lucknow (Uttar Pradesh), India), Surya Kant, R A S Kushwaha, Rajiv Garg, Anand Srivastava, Jyoti Bajpai, Ajay Kumar Verma, Santosh Kumar, Ankit Kumar, Ranjeet Raman, Sanjeev Kumar Verma

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Clinical effectiveness of intranasal corticosteroid and decongestant combinations for allergic rhinitis management: A systematic review
Olga Reif (München, Germany), Martina Hagen

PS-4 Session 08:00 - 09:30

Poster session: A breath of fresh air: new insights in lung physiology

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology | Pulmonary vascular diseases

Method(s) : Physiology | General respiratory patient care | Pulmonary function testing | Epidemiology | Cell and molecular biology | Pulmonary rehabilitation | Surgery

Chairs : Zander J Williams (London, United Kingdom), Chair to be confirmed

Exploring Respiratory Mechanics through Impulse Oscillometry: Beyond Traditional Spirometry.
María Rodil Riera (LANGREO, Spain), Ramón Fernández Álvarez, Marta Íscar Urrutia, Juan Nieves Salceda, Isabel Martínez González-Posada, Claudia Mañana Valdés, Marina Acebo Castro, Paloma Fernandez Antuña, Rocío López Amaro, Marta María García Clemente

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Small airways function: a gut issue?
Martin Färdig (Uppsala, Sweden), Nils Oskar Jõgi, Suneela Zaigham, Ulf Hammar, Christer Janson, Per Wollmer, Gunnar Engström, Marju Orho-Melander, Johan Ärnlöv, Tove Fall, Andrei Malinovschi

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Oscillometry with or without spirometry for methacholine testing
Ynuk Bossé (Québec (QC), Canada), Magali Boucher, Marie-Ève Boulay, Andréanne Côté, Cyndi Henry

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Safety of the spirometry maneuver with the redefinition of FET in the ATS/ERS 2019 technical statement
Arturo Cortes-Telles (Merida (Yucatan), Mexico), Saul Vázquez-López, Ángel Iván Piñón-Crespo

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Oscillometry bronchodilator response identifies distinct pathophysiological phenotypes in the ATLANTIS cohort
Eleanor Quek (London, United Kingdom), Oliver R Pitts, Franz A Clemeno, Janwillem W H Kocks, Bianca Beghè, Monica Kraft, Alberto Papi, Klaus F Rabe, Maarten Van Den Berge, Dave Singh, Christopher Brightling, Salman Siddiqui

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Comparison of impulse oscillometry indices and FEV1 during methacholine challenge and bronchodilation tests
Sabina Gasperovič (Kaunas, Lithuania), Kęstutis Malakauskas

Abnormal Ax in impulse oscillometry may be a useful diagnostic tool in asthma
Ciara Ottewill (Dublin 4, Ireland), Cara Gill, Patrick Kerr, Christina Campbell, Margaret Gleeson, Orla Smith, Helen Doherty, Elaine Machale, Richard W Costello

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Small airway disfunction on exercise capacity in precapillary pulmonary hypertension, the insights of oscillometry
Chiara Torregiani (Trieste (TS), Italy), Luigi Volpe, Marco Confalonieri, Caterina Antonaglia, Paola Confalonieri, Francesco Salton, Barbara Ruaro

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The influence of breathing frequency on forced oscillation technique in patients with asthma
Olga Carozzo (Cambridge, United Kingdom), Ben Knox-Brown, Karl Sylvester

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Spirometry in high altitude residents: Long term adaptations of pulmonary function
Manju Bala (Almora, India), Aarhensh Punera, Akhlesh Rajpoot, Dinesh Chandra Punera

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Physiological basis of worse clinical outcomes in smokers with a PRISm pattern
Alice Scussel (Porto Alegre (RS), Brazil), Nathalia Galvagni Rodrigues, Artur Zanelatto Santos, Amanda Calage Pinto, Laura Correa De Barros Trombim, Litiele Evelin Wagner, Fernanda Oliveira Baptista Da Silva, Cecilia De Barros Rodenbusch, Marli Maria Knorst, James Dean, Dave Singh, Danilo Cortozi Berton

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Enhancing Abnormal Respiratory Sound Classification with Self-Supervised deep learning using Unlabeled Data
Junhong Jo (Daejeon, Republic of Korea), Taeyoung Ha, Yunkyong Hyon, Mi Ra Lee, Sunju Lee, Chaeuk Chung, Yoonjoo Kim

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Can a Decline in Rectangular Area Ratio Identify Dynamic Airway Compression? A Mechanical Simulation
Michele Girardi (Torrance, United States), Chu-Yi Wang, Richard Casaburi, Janos Porszasz, Harry B Rossiter, Carrie Ferguson

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Association Between Right-Sided Heart Failure and Lung Function
Carlos Patricio Chávez Guzmán (MEXICO CITY, Mexico), Dulce Gaonzález Islas, Arturo Orea Tejeda, Luis Aldo Delgado Pérez, María José Hernández Hernández, Ana Gabriela Meléndez Galeana, Andrea Bárcenas Montiel, Danna Paola Jiménez Cruz, Magaly Arroyo Aguirre, Ariana Hernández Méndez, Nadia Hernández López, Laura Patricia Arcos Pacheco, Esteban Marsel Pacheco Bazaldúa, Alvaro Montañez Orozco, Benigno Valderrábano Salas, Celemi Vigil López

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Low alveolar volume is related to respiratory symptoms in individuals without chronic airflow limitation
Andrei Malinovschi (Uppsala, Sweden), Xingwu Zhou, Anders Blomberg, Viktor Hamrefors, Åse Johnsson, Hans Lennart Persson, Magnus Sköld, Josefin Sundh, Per Wollmer

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Long term psychological functioning and correlation with Exercise Capacity and Dyspnea in Patients with Pectus Excavatum after Nuss Surgery.
Szymon Skoczyński (Ruda Śląska, Poland), Małgorzata Farnik, Grzegorz Kudela, Grzegorz Brożek, Joshua Lawson, Szymon Tobor, Agnieszka Skoczyńska, Andrzej Swinarew, Ewa Trejnowska, Igor Radziewicz Winnicki, Katarzyna Repetowska, Jarosław Paluch, Ewa Szklarek, Adam Barczyk, Tomasz Koszutski

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Comparison of responsiveness to bronchodilators using the 2021 or 2005 ATS/ERS guidelines
Sebastian Ferri (Milan (MI), Italy), Giovanni Paoletti, Sofia Vassallo, Davide Firinu, Giorgio Walter Canonica, Stefano Del Giacco, Enrico Heffler

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New reference equations for lung function can affect eligibility for lung cancer surgery.
Nicoline Andersen (Odense C, Denmark), Kathrine Nybo Holgersen, Christian Borbjerg Laursen, Jann Mortensen, Flemming Madsen, Morten Bendixen, Amanda Dandanell Juul

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Transition to ATS/ERS 2022 recommendations for lung function interpretation creates anomalies that vary with age and ethnicity
Matthew Peters (Concord, Australia), Lucy Morgan

Timing matters: the impact of morning vs afternoon spirometry in the analysis of 500 spirometry results of patients with suspected asthma
Cara M Gill (Dublin, Ireland), Ciara Ottewill, Patrick Kerr, Margaret Gleeson, Vincent Brennan, Noura Alfeheid, Helen Doherty, Orla Smith, Garrett Greene, Elaine Machale, Richard W Costello

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PS-33 Session 08:00 - 09:30

Poster session: Advances in surgical techniques and challenges in interventional bronchoscopy and local therapies

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Surgery General respiratory patient care Endoscopy and interventional pulmonology Cell and molecular biology Imaging Physiology

Chairs : Chair to be confirmed

Safety and efficacy of SBRT in patients with pulmonary localizations of oncologic disease
Paola Putignano (Pavia, Italy), Francesco Rocco Bertuccio, Nicola Baio, Jessica Saddi, Francesco Agustoni, Giulia Galli, Tiberio Oggionni, Angelo Guido Corsico, Giulia Maria Stella

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Association of Inflammatory Profile and Postoperative Outcomes in Patients Undergoing Thoracic Surgery for Suspected Lung Cancer
Jorge Rodriguez Sanz (ZARAGOZA (SPAIN), Spain), Nadia Muñoz González, Pablo Ordóñez Lozano, José Luis Recuero Díaz, Beatriz Díaz Sanz, Olalla García Rodríguez, Rony Humberto Rey Gutama, Marco Patricio Bravo Mendoza, Noemí Millan Embarba, Irantzu Ripa Aisa, María Senar García, Marta Marín Oto, José Pablo Cubero Marín, Ana Victoria Gil Gómez, Raquel Langarita Labella, Javier García Tirado, Juan Antonio Domingo Morera, José María Marín Trigo, David Sanz-Rubio

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Challenges and outcomes in carinal resection and reconstruction for lung cancer
YOSR BEN ATTIG (Tunis, Tunisia), Selma Madhi, Houssem Messoudi, Siwar Hamdi, Emna Ben Jemia, Aymen Mabrouk, Mohamed Sadok Boudaya

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ANATOMICAL RESECTIONS IN PULMONARY METASTASES : A 30-YEAR SINGLE-INSTITUTION EXPERIENCE
amina abdelkbir (ben arous, Tunisia), Wassim Chaieb, Imen Bouacida, Ali Ben Salem, Mahdi Abdennadher, Ines Moussa, Nizar Fitouhi, Hazem Zribi, Adel Marghli

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Multiportal versus uniportal VATS for lung resections: A comparative study of outcomes and efficiency
Zied Chaari (Sfax, Tunisia), Ahmed Ben Ayed, Hanen Bouattour, Hala Alimi, Abdessalem Hentati, Aymen Ben Ayed, Imed Frikha

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Sleeve resection for lung cancer: a monocenter experience
YOSR BEN ATTIG (Tunis, Tunisia), Selma Madhi, Siwar Hamdi, Houssem Messoudi, Aymen Mabrouk, Emna Ben Jemia, Mohamed Sadok Boudaya

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Single and Multiple Wedge Resections in Lung Metastasectomy: A Single-Center Experience
Asser Mohamed (Alexanderia, Egypt), Abdallah Bahadi, Nizar Alhutayah, Mahmoud Hashem, Weal Ahmed, Ayman Arbaeen, Amal Abdulhaq, Turki Alhawiti, Turki Alharbi, Hasan Robaidi, Waled Saleh, Khaled Alkattan, Marcello Migliore

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Uniportal and Multiportal VATS for Lung Metastasectomy: A Single-Center Experience
Asser Mohamed (Alexanderia, Egypt), Abdallah Bahadi, Nizar Alhutayah, Mahmoud Hashem, Weal Ahmed, Ayman Arbaeen, Amal Abdulhaq, Turki Alhawiti, Turki Alharbi, Hasan Robaidi, Waled Saleh, Khaled Alkattan, Marcello Migliore

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Real-world survival of patients with early stage non-small cell lung carcinoma (ES-NSCLC) treated by Stereotactic radiotherapy (SBRT) & surgery: A propensity score matching (PSM) & inverse probability treatment weighting analysis (IPTW)
Ahmed Suleman Haque (Gillingham, United Kingdom), Kolera Chengappa, Thomas Sanctuary, Jennifer Pang, Andrea Bille

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Completely resected stage IA lung adenocarcinoma: histologic subtypes and progression risk
Gal Rojc (Ljubljana, Slovenia), Aleš Rozman

Robotic assisted bronchoscopy in the Netherlands: diagnostic yield of shape sensing robotic-assisted bronchoscopy combined with CBCT compared to CBCT-based navigation bronchoscopy alone using a passive catheter-based approach-Preliminary results
Aniek Bruinen (Nijmegen, Netherlands), Roel Verhoeven, Gerjon Hannink, Erik Van Der Heijden

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The effectiveness and experience of Endobronchial Ultrasound
William Wilkinson (Southampton, United Kingdom), Benjamin Marshall, Anindo Banerjee

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ESTABLISHMENT OF AN EBUS SERVICE IN HARROGATE DISTRICT HOSPITAL: IMPROVING LUNG CANCER DIAGNOSTIC PATHWAYS
Khizer Khan (Leeds, United Kingdom), Suzanne Walker, Alisha Gray

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Pulmonologist-led ultrasound-guided lung biopsy in TB-endemic region: Thoracic oncology diagnosis implications in northern Malaysia
Izzatul Nadzirah Ismail (Alor Setar, Kedah, Malaysia), Arvindran Alaga

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Yield of endobronchial ultrasound and rate of repeat procedures in lung cancer diagnosis and subtyping
Sean Garvey (Clontarf, Ireland), Roisin Murray, Parthiban Nadarajan

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Molecular yield of transoesophageal endoscopic ultrasound with bronchoscope guided fine-needle aspiration (EUS-B). A single-centre retrospective study.
Steen Reed (Kahibah, Australia), Matthew Lindfield, Brayden Varcoe, Sophie Edgell, Angus Lloyd, David Arnold, Vineeth George

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Evaluation of EBUS Service vs NHS England EBUS Service Specifications
Abhimanyu Lal (Solihull (West Midlands), United Kingdom), Henry Garner, Muhammad Sarfraz, Raham Amel, Tan See Ling, Muhammad Niazi

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LIQUID CYTOLOGY AND NEXT-GENERATION SEQUENCING (NGS). UTILITY IN LUNG CANCER.
Mario Aláez Gómez (Córdoba, Spain), Lucas Roman Rodríguez, Cinta Olmedo Rivas, Eduardo Marquez Martín, Beatriz Romero Romero

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A retrospective cohort study on complications, diagnostic yield, and prognosis of elder lung cancer patients undergoing flexible bronchoscopy
Shunsuke Akashi (Kawasaki, Japan), Kyoko Fujita, Reiko Nagata, Kohei Nisida, Satoshi Tanaka, Kei Morikawa, Takeo Inoue, Masamichi Mineshita

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Comparison of Open surgery versus Video Assisted Thoracic Surgery in Non-Small Cell Lung Cancer (NSCLC) recurrence; A Local DGH retrospective study.
Dr MOIN MUJEEB (Stevenage, United Kingdom), Jayeeta Duta, Pooja Radia, Alison Mcmillan, Thida Win

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PS-37 Session 08:00 - 09:30

Poster session: Insights into diffuse cystic lung disease and related conditions

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases

Method(s) : Pulmonary function testing | General respiratory patient care | Epidemiology | Cell and molecular biology | Imaging | Transplantation

Chairs : Veronika Müller (Budapest, Hungary)

Characterising patients with pulmonary Langerhans' cell histiocytosis and pulmonary hypertension
Ramey Bajwa (London, United Kingdom), Carmel Stock, Manuel Lopez-Meseguer, Berta Saez-Gimenez, Davide Elia, Roberto Cassandro, Sergio Harari, Claudia Ravaglia, Venerino Poletti, Effrosyni D Manali, Spyros A Papiris, Frantzeska Frantzeskaki, Iraklis Tsangaris, Athol Wells, Laura C Price, Maria Kokosi

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Lung Clearance Index and Langerhans Cell Histiocytosis
Antonio Fabozzi (Rome, Italy), Gianluca Paciucci, Giulia De Rose, Giovanna Palumbo, Roberto Romiti, Matteo Bonini, Gregorino Paone, Paolo Palange

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Proteomic Profiling of BAL in Pulmonary Langerhans Cell Histiocytosis Reveals Distinct Immune- Related Signatures
Diego Castillo Villegas (Barcelona, Spain), Joel Francesqui, Francisco Escudero, Ana Montero-Calle, Rodrigo Barderas, Alfonso Luque, Marta Hernandez, Paloma Acebo, Sonsoles Hortelano

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Lung cysts, a common feature found in patients with hairy cell leukemia and Langerhans cell histiocytosis suggesting a potential implication of MAPK-pathway genetic alteration
Jeanne Haegy (Caen, France), Elsa Maitre, Aurélien Justet, Remy Morello, Jocelyn Domagne, Frédéric Riviere, Gandhi Damaj, Xavier Troussard, Emmanuel Bergot

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Four-year follow-up data on pulmonary function tests in patients with Birt-Hogg-Dubé syndrome: A retrospectice cohort study from 2 Danish tertiary ILD centers
Katrine Isabella Oerbek (, Denmark), Marie Moldt Holmager, Sarah Stougaard, Marianne Præstegaard, Ole Graumann, Lillian Bommer Ousager, Lars Lund, Anette Schuster, Elisabeth Bendstrup, Jesper Rømhild Davidsen

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Phenotypic variation of Birt Hogg Dube: Results from ERN LUNG national referral centre
Eamon Sweeney (Letterkenny, Ireland), Donal O'Malley, Lindsay Brown, Alessandro Franciosi, Michael Keane, Cormac Mccarthy

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Birt-hogg-dubé syndrome: a case series of eight patients
Simone Cordoni (Pavia, Italy), Andrea Ripamonti, Marianna Russo, Sara Lettieri, Francesca Mariani, Eloisa Arbustini, Angelo Guido Corsico, Davide Piloni

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Efficacy and limits of Sirolimus therapy in patients with Lymphangioleiomyomatosis: a retrospective study
Lucia Pacchetti (Monza, Italy), Davide Elia, Lu Fan, Roberto Cassandro, Sergio Harari

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The use of cyst burden score as a biomarker in Lymphangioleiomyomatosis
Evelyn Lynn (Blackrock (Co. Dublin), Ireland), Brian Gaffney, David Murphy, Jonathan Dodd, Michael P. Keane, Cormac Mccarthy

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Women's burden: a retrospective study of the evolution and prognostic factors in lymphangioleiomyomatosis
Alexandra-Adnana Nedelcu (buzau, Romania), Claudia Lucia Toma, Stefan Dumitrache-Rujinski, Ionela Belaconi, Inna Ruseva

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Lung Cysts in Birt-Hogg-Dubé Syndrome: Diagnostic Pitfalls in CT and Histology
Corinne Allgeier-Smith (Basel, Switzerland), Ekrem Temizel, Jonathan Röcken, Jürgen Hetzel, Kathleen Jahn, Spasenija Savic Prince, Antje Prasse, Katrin Hostettler

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Respiratory Manifestations of Sjögren's Syndrome
Ketfi Abdelbassat (Alger, Algeria), Behbah Sarra, Messaoudi Hassen, Touahri Rama

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Characterization of Pulmonary Langerhans Cell Histiocytosis (PLCH) in a Tertiary Interstitial Lung Disease Centre
Jonathon Shaw (Manchester (Greater Manchester), United Kingdom), Trishala Raj, Conal Hayton, Bavithra Vijayakumar

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Clinical, Radiological, Functional Features, and Treatment Outcomes in Sporadic Lymphangioleiomyomatosis: An Observational Study
Ramazan Eren (Istanbul, Turkey), Baris Demirkol, Umut Ilhan, Elif Tanriverdi, Mustafa Cortuk, Elif Yelda Ozgun Niksarlioglu, Halit Cinarka, Cetin Atasoy, Erdogan Cetinkaya

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Opportunistic infections in patients with polycystic lung diseases.
Katarzina Modrzewska (Warszawa, Poland), Bruno Baldi, Amira Benattia, Cormac Mc Carthy, Evelyn Lynn, Ali Ataya, Abdellatif Tazi, Piotr Piekarczyk, Małgorzata Sobiecka, Anna Zabost, Sergio Harari, Elżbieta Radzikowska

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Development of novel circulating biomarkers for predicting lung function decline in Lymphangioleiomyomatosis
Donal O'Malley (Westport, Ireland), Nicholas Mccarthy, Alice Villa, Amina Jouida, Nishant Gupta, Alessandro N. Franciosi, Kathleen M. Curran, Adam J. Byrne, Peter Doran, Michael P. Keane, Francis X. Mccormack, Cormac Mccarthy

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The hepatic involvement in severe Alpha1-antitrypsin deficiency and the circulating polymers
giorgio lorini (Pavia, Italy), Stefania Ottaviani, Ilaria Giana, Simone Cordoni, Francesca Mariani, Giulia Accordino, Luisa Siciliani, Alice Maria Balderacchi, Angelo Guido Corsico, Ilaria Ferrarotti, Davide Piloni

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Kaposiform lymphangiomatosis in adults. Long term results of sirolimus treatment - Case series
Elżbieta Radzikowska (Warszawa, Poland), Magdalena Bilny-Paluch, Katarzyna Blasinska, Malgorzata Szolkowska

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Characteristics of Diffuse Cystic Lung Diseases in a National Referral Centre
Margaret Higgins (Dublin, Ireland), Evelyn Lynn, Lindsay Brown, Michael P. Keane, Cormac Mccarthy

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PS-34 Session 08:00 - 09:30

Poster session: The broad clinical spectrum of interstitial lung disease

Disease(s) : Interstitial lung diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology Pulmonary function testing Transplantation Palliative care Endoscopy and interventional pulmonology Imaging Cell and molecular biology Epidemiology

Chairs : Maria Hollmén (Helsinki, Finland), Paolo Cameli (Siena (SI), Italy)

NOTE-FY Project: International stakeholder engagement on research in nocturnal oxygen therapy for pulmonary fibrosis
Leona Dowman (Melbourne, Australia), Sebastien V Moreno, Shane Laundry, Natasha Smallwood, Catarina C Moor, Bradley A Edwards, Christopher J Ryerson, Christine F Mcdonald, Nicole Goh, Harry Patsamanis, Lynne Cochrane, Simon Joosten, Marlies Wijsenbeek, Magnus Ekström, Graham Hepworth, Anne E Holland, Yet H Khor

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Occult desaturation predicts poor prognosis in interstitial lung disease
Reoto Takei (Seto, Japan), Satoshi Hagimoto, Jun Fukihara, Hajime Sasano, Yasuhiko Yamano, Kensuke Kataoka, Tomoki Kimura, Yasuhiro Kondoh

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Hypoxic burden: A novel biomarker in interstitial lung disease (ILD)?
Alexandra Lawrence (London, United Kingdom), Aileen Nacorda, Jannelle Phillips, Alex West, Bhashkar Mukherjee, Kate Myall

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Quantifying the exertional hypoxic burden of idiopathic pulmonary fibrosis
Ellen Jenkins (Birmingham, United Kingdom), Louise Crowley, Rahul Mahida, David Thickett, Aaron Scott, Dhruv Parekh

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Prevalence and risk factors of nocturnal hypercapnia in patients with interstitial lung disease
Markus Polke (Heidelberg, Germany), Franziska C. Trudzinski, Mavi Schellenberg, Katharina Buschulte, Vivien Somogyi, Claus Peter Heußel, Mark Kriegsmann, Felix J.F. Herth, Nicolas Kahn, Michael Kreuter

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Use of supplemental oxygen therapy in idiopathic pulmonary fibrosis: an observational real-life study in 16,003 patients
Vincent Cottin (Lyon, France), Manon Belhassen, Jean-Michel Fourrier, Maëva Nolin, Nadège Bornier, Stéphane Jouneau, Michael Kreuter, Katerina Samara, Claire Marant-Micallet

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Fibr-OSAS Study: Retrospective Analysis of CPAP impact on respiratory function and acute exacerbations in IPF-OSAS patients
Lorenzo Carriera (Roma, Italy), Paolo Ghelardini, Roberto Barone, Giampaolo Chiapparelli, Mariarita Peloso, Pier Valerio Mari, Angelo Coppola, Andrea Smargiassi, Riccardo Inchingolo, Mariarita Andreani, Luca Richeldi

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Analysis of body composition with bioelectrical impedance analysis in different forms of pulmonary fibrosis
Katharina Buschulte (Heidelberg, Germany), Ben Ehrhart, Marlies Wijsenbeek, Philipp Höger, Christoph Lederer, Bernhard Kötter, Markus Polke, Felix J. Herth, Judith Brock

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Multidisciplinary re-evaluation in the diagnosis of interstitial lung disease based on disease behavior
Tomohisa Baba (Yokohama, Japan), Ryo Okuda, Yasuhiro Kondoh, Takeshi Johkoh, Junya Fukuoka, Atsushi Miyamoto, Ryoko Egashira, Akira Hebisawa, Fumikazu Sakai, Tamiko Takemura, Keisuke Tomii, Kiminori Fujimoto, Tomonori Tanaka, Toru Arai, Yoshikazu Inoue, Hiromitsu Sumikawa, Takahiko Kasai, Yutaro Nakamura, Tae Iwasawa, Yasuhiro Terasaki, Takafumi Suda, Nobuhisa Ishikawa, Naoki Arai, Megumi Hamaguchi, Takahisa Takihara, Mikio Toyoshima, Motoyasu Kato, Toshihiro Nukiwa, Kunihiko Kobayashi, Takashi Ogura

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Re-evaluating ILD diagnosis in cases with a second multidisciplinary discussion
Andrew Achaiah (Oxford, United Kingdom), Jessica Bennett, Suraya Foster, Charlotte Cadge, Anna Jevons, Olawumni Arowosegbe, Matthew Mirkin, Aadham Mumtaz, Meg Wood, Charles Sharp

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A study on thyroid antibodies and thyroid dysfunction in patients with Interstitial Lung Disease (ILD): A proof of concept study
Kezreen Kaur Dhaliwal (Alor Setar, Malaysia), Che Athirah Che Azmi, Arvindran Alaga

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Lung transplantation improves survival of patients with Idiopathic Pulmonary Fibrosis and pre-lung transplant monocyte counts predict post-lung transplant survival
Theodoros Karampitsakos (Tampa, United States), Jalen Hammonds, Christian Arce Guzman, Rebecca Albuquerque, Bochra Tourki, Zainab Fatima, Nicole Henriquez, Valeria Calderon, Tamer Fadli, Amanda Mcnamara, Brenda M Juan-Guardela, Debabrata Bandyopadhyay, Ishna Poojary-Hohman, Muhammad Raheel Qureshi, Kapil Patel, Jose D Herazo-Maya

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Role of transbronchial lung cryobiopsy (TBLC) in interstitial lung abnormalities (ILA)
Filippo Maraz (Milan, Italy), Claudia Ravaglia, Arianna Johanna De Grauw, Sabrina Martinello, Stefano Oldani, Simone Petrarulo, Fabio Sultani, Sara Piciucchi, Alessandra Dubini, Marco Mantero, Francesco Blasi, Venerino Poletti

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Clinical and radiological features of cicatricial organizing pneumonia diagnosed by transbronchial lung cryobiopsy
Simone Petrarulo (Padova, Italy), Simona Colella, Sara Piciucchi, Stefano Oldani, Alessandra Dubini, Claudia Ravaglia, Venerino Poletti

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Detection of Functional Progression in Interstitial Lung Diseases with Preserved Lung Function.
Silvia Carlini (Rimini, Italy), Sara Tomassetti, Sara Piciucchi, Diletta Cozzi, Edoardo Cavigli, Alessandra Dubini, Valeria Pasini, Camilla Comin, Claudia Ravaglia, Venerino Poletti

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Diagnostic changes in interstitial lung diseases before and after transbronchial lung cryobiopsy
Hirotaka Nishikiori (Sapporo, Japan), Mamoru Takahashi, Tatsuru Ishikawa, Tomoyuki Takahashi, Takafumi Yorozuya, Haruka Takenaka, Tomoe Sawazumi, Koji Kuronuma, Tamiko Takemura, Hirofumi Chiba

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Endothelial cell basement membrane alterations visualized by transmission electron microscopy of transbronchial lung cryobiopsy samples in fibrotic interstitial lung disease patients
David Lang (Kirchschlag bei Linz, Austria), Walter Stoiber, Sylvia Lohfink-Schumm, Astrid Obermayer, Guangyu Shao, Bernhard Kaiser, Rupert Langer, Bernd Lamprecht

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Electronic nose technology can distinguish UIP versus non-UIP CT patterns in patients with pulmonary fibrosis
Catharina C. Moor (Rotterdam, Netherlands), Bart J. Formsma, Iris G. Van Der Sar, Leda Yazbeck, Markus Polke, Michael Kreuter, Vincent Cottin, Tamera J. Corte, Mymy Tran, Philip L. Molyneaux, Marlies S. Wijsenbeek

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Management and Outcomes of Acute Exacerbation of fibrotic Interstitial Lung Disease (AE-fILD)
Sithu Bala (London, United Kingdom), Sarah Stoll, Hannah Ballheimer, Vruti Dattani, Robert Hastings

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Progressive Pulmonary Fibrosis (PPF) Management in the Real-World Setting – The PROFIBRO Survey
Monali Mehta (mumbai, India), Sujeet Rajan, Yuvarajan Sivagnaname, Vijay Kumar Chennamchetty, Sheetu Singh, Mehul Shah, Shyam Krishnan, Kiran Krishnamurthy, Deepak Muthreja, Rahul Jalan, Sudheer Tale, Meena Lopez, Senthilnathan M, Jaideep Gogtay

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PS-7 Session 08:00 - 09:30

Poster session: Preclinical insights into rare diseases

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Endoscopy and interventional pulmonology | Physiology | Imaging | Pulmonary function testing

Chairs : Gimano Amatngalim (Utrecht, Netherlands), Killian Hurley (Co. Meath, Ireland)

Inflammatory pattern in upper airway epithelium of Cystic Fibrosis patients
Elena Pohl (Munich, Germany), Renate Effner, Christian Birk, Anica Lechner, Gudrun Schopper, Karine Pitaval, Constanze A. Jakwerth, Helen Charles, Amr Gabr, Natalie Massberg, Beate Hagl, Susanne Naehrig, Pontus Mertsch, Nina Wantia, Carsten B. Schmidt- Weber, Armin Gruebl, Adam M. Chaker, Ulrich M. Zissler, Ellen D. Renner

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Double-stranded RNA-induced macrophage pyroptosis: molecular mechanisms and impact on fibroblast activation
Lara Di Leonardo (Santa Ninfa, Italy), Luigi Fiore, Maria Rita Giuffrè, Maria Concetta Volpe, Marco Buscetta, Agnese La Mensa, Alice Conigliaro, Mareike Lehmann, Chiara Cipollina

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CFTR genotype affects miRNA expression profile in response to innate immunity triggers in airway epithelial cells.
Aleksandra Szczepankiewicz (Poznań, Poland), Zuzanna Stachowiak, Beata Narożna, Wojciech Langwiński, Kamil Ziarniak

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Transcriptomic effects of Azithromycin on airway basal cells in CCDC39 primary ciliary dyskinesia
Zofia Varenyiova (Prague, Czech Republic), Laura Rojas-Hernandez, Jacquelyn Spano, Vaclav Capek, Carlos Milla

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Responsiveness of ciliary movement to ATP in primary ciliary dyskinesia with a long deletion in DRC1
Miki Abo (Kanazawa (Ishikawa), Japan), Kenta Yamamura, Noriyuki Ohkura, Johsuke Hara, Seiji Yano, Kousuke Imamaura, Shigekuni Hosogi, Kazuhiko Takeuchi

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Resolution of Inflammation is Impaired in the Sugen-Hypoxia Mouse Model of Pulmonary Arterial Hypertension
Chloe Landy (Parkville, Australia), Ting Fu, Miles De Blasio, Owen Woodman, Cheng Xue Qin

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Baicalein Attenuates CD8⁺ T Cell-Mediated Cytotoxicity Against Bronchial Epithelial Cells by Inhibiting Perforin and Granzyme B
Xinru Xiao (Changzhou, China), Qian Zhang

Seralutinib demonstrates in vitro reduction of vascular inflammatory drivers underlying pulmonary hypertension
Zhaoqing Ding (San Diego, United States), Elisa Schiavi, Silvia Cantoni, Ravikumar Sitapara, Eduardo Garcia, Jessica Burroughs-Garcia, Robin Osterhout, Lawrence S. Zisman, Sidra Hoffman, Richard Aranda, Daniela Miglietta, Stephan Rosenkranz, Anna R. Hemnes, Adam Byrne, Jean-Marie Bruey, Cormac Mccarthy

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Bone marrow Mesenchymal Stromal Cells stimulated with Pulsed Electromagnetic Fields for the treatment of pulmonary fibrosis
Sara Bozzini (Pavia, Italy), Stefania Croce, Chiara Valsecchi, Eleonora Bozza, Elisa Lenta, M. Antonietta Avanzini, Federica Meloni, Patrizia Comoli, Mirko Belliato

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RNA editing to correct the Z-allele in models of alpha-1 antitrypsin deficiency allows for maintenance of acute phase response
Leah Liu (Cambridge, United States), Maria Strakosha, Serge Gottschalk, Kevin Su, Andrew Wantz, Devin Jenness, Maria Popovici-Muller, David Ulkoski, William Fedyk, Shreya Sharma, Ibunkunoluwa Oje, Jacob Flum, Tomas Carroll, Noel Mcelvaney, Diane Ramsden, Mohammad Shadid, Melissa Pink, Venkata Krishnamurthy, Derek Erion

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A primary ciliary dyskinesia in vitro model using CRISPR-edited clonal primary epithelial cells
Elizabeth Haughey (London, United Kingdom), Shalini Kamu Reddy, Jessica Orr, Andrew Farr, Jila N Ajeian, Anna Straatman-Iwanowska, Robert A Hirst, Robert E Hynds, Christopher O'Callaghan

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Alpha-1 Antitrypsin deficiency intensifies experimental mucosecretory disease in a hybrid mouse model
Gary P. Anderson (Parkville (VIC), Australia), Sarah Walker, Zhuang Aowen

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NEUTROPHIL EXTRACELLULAR TRAPS MEASUREMENT IN BRONCHOALVEOLAR LAVAGE FLUID OF PATIENTS WITH INTERSTITIAL LUNG DISEASE: A POSSIBLE BIOMARKER IN FIBROSIS?
Bianca Peixoto (Rio de Janeiro, Brazil), Julia Rodrigues Ferraz Silva, Nadja Polisseni Graça, Nina Rocha Godinho Dos Reis Visconti, Mayck Medeiros Amaral Da Silva, Monique Martins Melo, Marcos De Carvalho Bethlem, Carla Conceição Dos Santos, Michelle Cailleaux Cezar Ferreira, Fernanda Carvalho De Queiroz Mello, Fernanda Ferreira Cruz

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Alteration of Th1/Th2 axis in post-covid-19 pulmonary fibrosis
Geetanjali Bade (New Delhi (Delhi), India), Afsa Junaid, Anjana Talwar, Saurabh Mittal, Anant Mohan, Rupesh Srivastava

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Identification of novel markers of progression in Idiopathic Pulmonary Fibrosis (IPF) and Chronic Hypersensitivity Pneumonitis (CHP)
Megan McKean (Dublin, Ireland), Angela L. Linderholm, Justin Oldham, Philip L. Molyneaux, Toby M. Maher, Cormac Mccarthy, Peter Doran, Adam J. Byrne

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TGF-β/Smad signalling through Nrf2 activation which alters the fibrotic phenotype in experimental pulmonary fibrosis
Arindam Bhattacharyya (Kolkata (West Bengal), India)

PS-26 Session 08:00 - 09:30

Poster session: Respiratory physiotherapy: ventilation, clearance and control

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Interstitial lung diseases

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Physiology | Pulmonary function testing | Public health

Chairs : Deniz Inal-Ince (Ankara, Turkey), Markus Hayden (Bad Reichenhall, Germany)

A Service Evaluation of a Physiotherapy-Led Breathing Pattern Disorder Treatment Program
Jacob Beard (London, United Kingdom), Lizzie Grillo, Ethan Singer, Hallam Cozier, Lok Tin, Gemma Stamford

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Influence of Beliefs About Breathlessness on Symptom Perception and Willingness to Exercise
Hannah Hylton (London, United Kingdom), Isobel Timms, Bobby Kempy, William Ricketts, Paul Pfeffer

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A hybrid online breathing retraining intervention for dysfunctional breathing.
Inge Vermeulen (London, United Kingdom), Charles C. Reilly

Regional ventilation distribution: effects of lateral posture and airway clearance techniques in healthy and COPD individuals
William Poncin (Bruxelles, Belgium), Titouan Pautre, Alicia Peiry, Giuseppe Liistro, Gregory Reychler

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Can digital physiotherapy improve respiratory functions in patients undergoing thoracic surgery?
Ayşegül Şahin (munich, Germany), Alis Kostanoğlu, Ömer Soysal

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Changes in breathing pattern and quality of life after Breathing Retraining in moderate/severe uncontrolled asthma
Louise Toftdal (Vordingborg, Denmark), Karen Hjerrild Andreasson, Uffe Bodtger

A novel approach to dynamic breathing pattern retraining in patients with post covid-19 syndrome
ANITA CASS (birmingham, United Kingdom), Michaela Sullivan, Amanda Vigus, Andy Carter

Breathing pattern in patients with post COVID-19 condition
Carl Hallberg (Sundbyberg, Sweden), Monika Fagevik-Olsén, Annie Svensson, Anna Törnberg, Ulrika Holdar, Anna Svensson-Raskh, Magnus Aspdahl, Johan Thermenius, Jessica Kåhlin, Judith Bruchfeld, Alexandra Halvarsson, Michael Runold, Malin Nygren-Bonnier

Core strength for better breathing: a new approach to COPD management
Büşra Nur Fındık (Kozaklı/Bağlıca Mahallesi, Turkey), Mustafa Ertuğrul Yaşa, Yakup Arslan, Hamza Aydemir

Dynamic ventilatory responses to submaximal exercise in obese adults
Cigdem Emirza Cilbir (Ankara, Turkey), Safak Yigit, Hikmet Ucgun, Ozge Ertan Harpultu, Busra Ulker Eksi, Goksen Kuran Aslan, Buket Akinci

The impact of fibromyalgia on lung function, functional capacity and quality of life
Alba Navas-Otero (Granada, Spain), Julia Raya-Benítez, Leila Palomino-Toro, Irene Calles-Plata, Irene Cabrera-Martos, Irene Torres-Sánchez, Araceli Ortiz-Rubio

How to treat a basal mucus plug atelectasis using a cough-assist machine in lateralized position in a patient with myasthenia: a case report
Salvatore Musella (Napoli, Italy), Elena Sciarrillo, Sarah Passacantilli, Giuseppe Fiorentino

Audit of the Brompton Breathing Pattern Assessment Tool (BPAT) for Dysfunctional Breathing in asthmatic patients at commuity physio clinic in Ireland
Eimear Griffin (Co. Roscommon, Ireland), Catherine Speirs, Hilary Mcloughlin

Establishing a Physiotherapist-led, community-based Airway Clearance service for patients with bronchiectasis: report at one year.
Sara Mariani (Milano, Italy), Federica Baglione, Claudia Carai, Matteo Saporiti, Simone Tripi, Pamela Frigerio, Luigi Codecasa, Maurizio Ferrarese, Paolo Tarsia, Andrea Lanza

Perceived learning after manual airway clearance techniques practice: peer learning vs. simulation-based learning
Aslihan Cakmak-Onal (Ankara, Turkey), Aydan Asli Aksel-Uylar, Melda Saglam, Ceyhun Topcuoglu, Naciye Vardar-Yagli, Ebru Calik-Kutukcu, Aynur Demirel, Deniz Inal-Ince

Qualitative exploration of Shared Decision Making for Airway Clearance Technique in bronchiectasis
Judy Bradley (BELFAST, United Kingdom), Paul McCallion, Joanne Lally, Lisa Robinson, Anthony De Soyza

Long-Term Effects of Simeox Technology on Chronic Mucus Hypersecretion in COPD
Michela D'Ascanio (Roma (RM), Italy), Giuliana De Paolis, Claudia Ciavarella, Andrea Favari, Francesca Lofoco, Martina Ubaldi

The correlations between respiratory muscle strength, respiratory function, disease severity, pectoralis minor muscle length and functionality in patients with breast cancer-related lymphedema
Gamze AYDIN (ISTANBUL, Turkey), Emine Atici, Ezgi Yarasir, Songul Baglan Yentur, Muhammet Şahin Elbasti

The effect of different types of breathing interventions on spinal pain and disability: a systematic review
Sofie Van Wesemael (Hasselt, Belgium), Lotte Janssens, Charlotte Amerijckx, Nina Goossens, Sim Klaps, Elke Vlemincx, Katleen Bogaerts

Effect of sarcopenia on multidimensional dyspnea in patients with ILD.
Masashi Kanezaki (Kawagoe, Japan), Kunihiko Terada, Satoru Ebihara

PS-25 Session 08:00 - 09:30

Poster session: Modern-day pulmonary function testing: establishing the new normal in standard practice

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology Pulmonary function testing Physiology General respiratory patient care Pulmonary rehabilitation

Chairs : Joyce Wu (Toronto, Canada)

Simplifying Spirometry: Is one effort enough to rule out obstructive impairment?
Rhys Tudge (Manchester, United Kingdom), David Yabar, Benoit Cuyvers, Sanja Stanojevic

Inspiratory flow volume loop abnormalities: in the eye of the beholder
Maitreyi Penugonda (Dublin, Ireland), Michael Towers, Rachel Anglin, Orla O'Carroll, Cormac Mccarthy, Alessandro Franciosi

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The Impact of Peak Expiratory Flow Variability on the Forced Expiratory Volume in 1 Second
Jake Williams (Cambridge, United Kingdom), Abdul Yakubu, Ben Knox-Brown, Josh Barnes, Karl Sylvester

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Comparison between the FEV1/FVC lower limit of normal and a fixed threshold of 0.70 for ruling out significant airway obstruction in clinical trials for IPF
Kevin McCarthy (Matthews, United States), Phil Lake, Todd Lustine, Carl Mottram

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The effect of the 2022 spirometry guidelines on the prevalence of obstruction and reversibility.
Patrick Jak (Diemen, Netherlands), Rudy Hilgen

The relation between FENO and thoracic sarcoidosis
Laura Schrijver (Nijverdal, Netherlands), Stefan Walen

A short rebreathing protocol (SRP) to speed up the measurement of functional residual capacity (FRC)
Ella McLoughlin (Cambridge, United Kingdom), Jessica S. Luiz, Dominic Sandhu, Graham Richmond, Nicholas M. J. Smith, Nick P. Talbot, Grant A. D. Ritchie, Peter A. Robbins

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Calibration of bronchial methacholine challenge: Addressing dose accuracy and practicality.
Flemming Madsen (Frederiksberg, Denmark), Birgitte Hanel, Jann Mortensen

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Recovery after bronchial challenge tests with 12 µg formoterol compared to 400 µg salbutamol
Maaike Dunnink (Meppel, Netherlands), Miranda Sam-Spitteler, Irene Steenbruggen

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Evaluating oscillometry device agreement in adults and children
Kathleena Condon (South Brisbane, Australia), Tamara Blake, Matthew Wong, Zoltán Hantos, Peter Sly, Paul Robinson

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Impact of Different Algorithms on Evaluating Changes in Oscillometry Parameters During Quiet Breathing
Chiara Veneroni (Milano (MI), Italy), Christoph Valach, Christoph Gross, Emiel F. M. Wouters, Raffaele Dellaca', Marie-Kathrin Breyer, Sylvia Hartl, Charles G Irvin, David A Kaminsky, Pasquale P Pompilio, Robab Breyer-Kohansal

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Interpretation of cardiopulmonary exercise test by GPT – promising results as a first step to identify normal results
Inbal Friedman regev (Tel aviv, Israel), Eyal Kleinhendler, Avital Pinkhasov, Samah Hayek, Avraham Man, Ophir Freund, Tal Perluk, Evgeni Gershman, Avraham Unterman, Gil Fire, Amir Bar-Shai

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Comparative research normalvalues of VO2max in CPET with 50 healthy subjects.
Justine Van den Hengel (Leusden, Netherlands), Anne Van As-Janssen, J.J.G. Van Den Brand

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Insight into oxygen deficit from phase relations between cardiopulmonary variables during intermittent exercise
Arjen Pelgröm (Ermelo, Netherlands), Tijn Van Rietschoten, Pascalle Van Den Heuvel, Daan Imholz, Anna Visser, Frans De Jongh, Richie Goulding, Joost Van Den Aardweg

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Analysis of metabolic simulation data collected from different systems for Cardiopulmonary Exercise Testing
Irene Steenbruggen (Zwolle, Netherlands), Hans Grotjohan, Tjeu Souren

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Loaded ramp testing times during cardiopulmonary exercise testing times: a training review
Sara McArthur (Edinburgh (Edinburgh), United Kingdom), Shaun Baxter, Kristofor Cuthbert

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Evaluating pulmonary function in pediatric asthma: Comparing forced oscillation technique (FOT) with spirometry
Taskin Chaudhry (Bradford, United Kingdom), Plamena Stoimenova, Stoilka Mandadzhieva

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IOS-defined airway abnormalities as a Treatable Trait for Mild-to-moderate Chronic Obstructive Pulmonary Disease
Lifei Lu (Guangzhou, China), Fan Wu, Zihui Wang, Gaoying Tang, Qi Wan, Zhishan Deng, Cuiqiong Dai, Kunning Zhou, Xiaohui Wu, Pixin Ran, Yumin Zhou

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Enhancing pediatric pulmonary function tests (PFTs) analysis with artificial intelligence (AI)
Abdullah Sandhu, Plamena Stoimenova, Stoilka Mandadzhieva, Blagoi Marinov

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Respiratory Functions, Exercise Capacity, and Oxygenation in Parkinson's Disease: A Comparison with Healthy Individuals
Ayşenur Güvenir (Ankara, Turkey), Meral Boşnak Güçlü, Hatice Ayşe Tokçaer Bora

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PS-16 Session 08:00 - 09:30

Poster session: Clinical relevance of biomarkers in COPD

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Pulmonary function testing General respiratory patient care Public health Pulmonary rehabilitation Epidemiology Imaging

Chairs : Shawn Aaron (Ottawa (ON), Canada), Mustafa Abdo (Grosshansdorf, Germany)

Integrating CAPTURE with blood biomarkers and chronic bronchitis history to identify COPD requiring treatment
Yun Li (Guangzhou, China), Zhenyu Liang, Feifei Huang, Tao Ye, Yi Gao, Rongchang Chen, Paul W. Jones, Jinping Zheng

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Title: Eosinophil Count and FEV1 in Severe versus Moderate Alpha-1 Antitrypsin Deficiency
caitriona breathnach (Drogheda, Ireland), Rebecca Fitzgerald, Suzanne Roche, Sean Landers, Emma Farrell, Eamon Mullen, Rosaleen Carroll, Ronan Heeney, Emma Leacy, Mark Murphy, Tomas Carroll, Noel Gerard Mcelvaney

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Prospective Biomarkers in Patients with Exacerbation of Chronic Obstructive Pulmonary Disease
Christian Philip Rønn (København Ø, Denmark), Ruth Frikke-Schmidt, Jens Goetze, Therese Lapperre, Karin Ambruster, Christina Christoffersen, Jon Wilcke, Charlotte Suppli, Tor Biering-Sørensen, Alexander Mathioudakis, Jørgen Vestbo, Pradeesh Sivapalan, Jens-Ulrik Jensen

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Erythrocyte electron transport system activity in COPD: metabolic changes and disease progression
Davron Muminov (Tashkent, Uzbekistan), Botir Daminov

Serum Z-polymerisation and respiratory outcomes in alpha-1 antitrypsin deficiency
Joshua De Soyza (Birmingham, United Kingdom), Daniella A Spittle, Paul Ellis, Alice M Turner

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Eosinophils, exacerbation history, and BMI as significant predictors of acute COPD exacerbations?
Rainer Gloeckl (Schoenau am Koenigssee, Germany), Klaus Kenn, Daniela Kroll, Tessa Schneeberger, Inga Jarosch, Michael Wittenberg, Paul Schmidt, Paul Jones, Claus Vogelmeier, Rembert Koczulla

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Serum matrix metalloproteinase 7 is associated with chronic airflow limitation
Anna Sivander (Falun, Sweden), Anders Larsson, Maria Hårdstedt, Christer Janson, Andrei Malinovschi

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Inflammatory markers in alpha-1 antitrypsin deficiency: does the neutrophil-to-lymphocyte ratio play a role in this condition?
Marina de la Escosura Muñoz (Pamplona, Spain), Pablo Sanchez-Salcedo, Maria Borda Rodríguez, Iranzu Zahino Lasheras, Ana Jose Martin Serrablo, Carlos Idoate Domenech, Sergio Miguel Curi Chercoles

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Blood eosinophils as a marker of CVD in COPD patients
Martina Zappa (Tradate, Italy), Marco Vanetti, Patrizia Pignatti, Francesco Ardesi, Alessia Cremonini, Dina Visca, Fabio Angeli, Antonio Spanevello

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Exhaled Volatile Organic Compounds as Novel Biomarkers for Early Detection of COPD, Asthma, and PRISm: A Cross-Sectional Study
Jiaxin Tian (Shanghai, China), Qiurui Zhang, Minhua Peng, Leixin Guo, Qianqian Zhao, Wei Lin, Wei Lin, Sitong Chen, Xuefei Liu, Simin Xie, Pengnan Fan, Yijie Li, Junqi Wang, Wenxin Wu, Jin Cao, Ping Wang, Min Zhou

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Diaphragmatic Dysfunction and Systemic Leukotrienes: Exploring the Connection in Chronic Obstructive Pulmonary Disease.
Warda Jelassi (Tunis, Tunisia), Abir Hedhli, Khadija Euchi, Sana Cheikhrouhou, Yacine Ouahchi, Meriem Mjid, Sonia Toujani, Besma Dhahri

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Homocysteine as prognostic biomarker for increased inflammatory responses in chronic obstructive pulmonary disease
Elnorahon Abduganieva (Tashkent, Uzbekistan), Irina Liverko, Shaxnoza Kuchkarova

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Evaluation And Correlation Of CRP And Procalcitonin Levels Among Patients In Stable Phase Of COPD And Patients With AECOPD
Magdy Shohdy (Cairo, Egypt), Ismail Atyia, Abdelhamid Tawakol

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Neutrophil-to-Lymphocyte Ratio: a new biomarker for stable COPD?
Marco Vanetti (TRAVEDONA MONATE, Italy), Francesco Ardesi, Martina Zappa, Rosella Centis, Samuele Molgora, Davide Re Fraschini, Patriza Pignatti, Dina Visca, Leonardo Michele Fabbri, Antonio Spanevello

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Dynamics of cobalt content in patients with COPD against the background of progression of bronchial obstruction
Alla Zuban (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Mariana Kulynych-Miskiv, Kostyantun Schwets, Iryna Makoida, Olha Molodovets

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Uric acid as laboratory indicator of Chronic Kidney Disease in Chronic Obstructive Pulmonary Disease
Elena Borissova (Pleven, Bulgaria), Snezhanka Ivankovska, Plamen Pavlov, Pavlina Glogovska

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A simple index for predicting mucus plugs (SIMP) in patients with COPD
Alejandro A Diaz (Arlington, United States), Ruchita Borgaonkar, Sofia K. Mettler, Andrew Yen, Scott Grumley, Sushilkumar Sonavane, Carrie L. Pistenmaa, Pietro Nardelli, Raul San José Estépar, Wei Wang

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Assessment of small airways function in eosinophilic preserved ratio impaired spirometry
Tianran Zhou (Shanghai, China), Jian Guo

Connection between markers of local and systemic inflammation in stable COPD
Bohdana Basina (Dnipropetrovsk, Ukraine), Lyudmila Konopkina

BCMA are elevated and correlate with smoke exposure in patients with chronic obstructive pulmonary disease
Lijuan Gao (Chengdu, China), Tiwei Miao, Lian Liu

PS-20 Session 08:00 - 09:30

Poster session: Occupational impact on COPD, lung function and obstructive sleep apnoea syndrome

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Sleep and breathing disorders | Thoracic oncology

Method(s) : Public health | Epidemiology | Imaging | Pulmonary function testing | Physiology

Chairs : Orianne Dumas (Villejuif, France), Chair to be confirmed

Evaluation of Small Airway Involvement in Wind Instrument Musicians
Eda Köroglu (Istanbul, Turkey), Nejdiye Güngördü, Safiye Meryem Şimbil, Uğurcan Sayılı, Bilun Gemicioğlu

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Unraveling the respiratory predicament among conch shell artisans engaged at informal sector in India
Debanjan Chakraborty (Howrah, India), Subhashis Sahu

Work-related outcomes in COPD
Jordan Minov (Skopje, North Macedonia), Sasho Stoleski, Dragan Mijakoski

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Occupational exposure and incidence of respiratory outcomes: a 18-year follow-up
Sara Maio (Pisa (PI), Italy), Giuseppe Sarno, Anna Angino, Ilaria Stanisci, Sofia Tagliaferro, Giovanni Viegi, Stefania Massari, Claudio Gariazzo, Annibale Biggeri, Dolores Catelan, Sandra Baldacci

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Occupational exposures and the risk of chronic airflow obstruction later in life: preliminary results
Valentina Quintero Santofimio (London, United Kingdom), James Potts, Hans Kromhout, Jo Feary, Andre Amaral

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OCCUPATION AND COPD: A POPULATION-BASED COHORT STUDY IN NORWAY
Lisa Aarhus (Oslo, Norway), Øivind Skare, Karl-Christian Nordby, Anne Gulsvik, Sigrid Vikfjord, Linnea Hedmann, Arnulf Langhammer

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Association of occupational and traffic exposures with chronic bronchitis
Giuseppe Sarno (Pisa (PI), Italy), Sandra Baldacci, Anna Angino, Ilaria Stanisci, Sofia Tagliaferro, Giovanni Viegi, Stefania Massari, Claudio Gariazzo, Annibale Biggeri, Dolores Catelan, Sara Maio

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Respiratory and Multimorbidity Analysis in 2450 Traffic Police Personnel in Bengaluru City
Ravindra M Mehta (Bangalore (Karnataka), India), Sameer Bansal, Rohit Vadala, Benin Rajesh, Anmol Thorbole, Hariprasad Kalpakam

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Pulmonary Function Tests among Firefighters- Longitudinal Study
Hiba Abdelkareem (Jerusalem, Israel), Gabriel Izbicki, Nissim Arish, Yael Batan, Ilan Mitchnik, George Kalak, Amir Jarjoui, Nader Abdelrahman, Chen Chen-Shuali, Hava Azulai, Ariel Rokach

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Epidemiological study of respiratory pathologies in the workplace: Focus on specialized occupational pathology consultations
Nouha Ben arbia (nabeul, Tunisia), Nouha Ben arbia, Naouraz Ben Fatma, Meriem Mersni, Ghada Bahri, Siwar Chemingui, Dorra Brahim, Mejda Bani, Souraya Fenniche, Nizar Laadhari

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Women's work: occupational lung disease in women in SWORD, 1996 – 2024
Ruth Wiggans (Manchester (Greater Manchester), United Kingdom), Laura Byrne, Zipporah Iheozor-Ejiofor, Georgia Mchale, Melanie Carder, Matthew Gittins, David Fishwick, Martie Van-Tongeren, Jennifer Hoyle

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Effect of using race-blinded vs. race-specific spirometry prediction equations in a WTC occupational cohort
Rafael E. de la Hoz (New York, United States), Zitong Zhang, Jonathan Weber, John T. Doucette, Juan C. Celedón

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Quantitative CT markers of chronic lung disease in WTC workers with accelerated FEV1 decline
Rafael E. de la Hoz (New York, United States), Zitong Zhang, Raúl San José Estépar, Jonathan Weber, John T. Doucette, James C. Ross, Juan C. Celedón

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Screening for obstructive sleep apnea syndrome among healthcare staff in the occupational medicine department at a university hospital in Tunisia.
Asma Chouchane (sousse, Tunisia), Yassmine Tebourbi, Marwa Bouhoula, Imène Kacem, Wiem Ben Abdejlil, Asma Knaz, Baraa Ben Bdira, Manel Makhloufi, Asma Aloui, Maher Maoua, Aicha Brahem, Houda Kalboussi, Olfa Elmaalel, Souheil Chatti

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Association of obstructive sleep apnoea with occupational accidents in rotating night shift textile workers
Recep Can Uysal (İzmir, Turkey), Ozan Kaan Konak, Zehra Nur Toreyin, Ozen K. Basoglu

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Evaluation of Airway Impairment Due to Volatile Organic Compounds in Histology, Pathology, and Anatomy Laboratory Workers Using Impulse Oscillometry
Enes Furkan Aykaç (Istanbul, Turkey), Nejdiye Gungordu, Bilun Gemicioglu, Hazal Cansu Çulpan

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Exposure to scented products in indoor environments and respiratory symptoms: a university staff survey
Despo Ierodiakonou (NICOSIA, Cyprus), Olesia Verstiuk, Sotiroulla Panteli, Demos Alekkou, Ourania Kolokotroni, Andrie G. Panayiotou, Panayiotis Kouis, Panayiotis K. Yiallouros, Antonios Christodoulakis, Izolde Bouloukaki, Ioanna Tsiligianni

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INHALATION(I) INJURY OF THE LUNGS AS A RESULT OF EXPOSURE TO COMBAT POISONS (P)
Valeriia Dmytrychenko (Dnipro, Ukraine), Vladyslava Rudakova, Tetyana Pertseva

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Understanding workers' lung health in Australia
Kerstin Greeneberg (Brisbane, Australia)

BMI is associated with elevated pulmonary artery:aorta ratio in World Trade Center (WTC) workers
Rafael E. de la Hoz (New York, United States), Zitong Zhang, Jonathan Weber, Anthony P. Reeves, Yunho Jeon, Raúl San José Estépar, Nizar Hadeli, Helena Schotland, John T. Doucette, Juan C. Celedón, Anna Nolan

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PS-9 Session 08:00 - 09:30

Poster session: Different clinical aspects of sleep and obstructive sleep apnoea according to gender, anthropometrics and symptoms

Disease(s) : Sleep and breathing disorders

Method(s) : General respiratory patient care Epidemiology Public health Physiology

Chairs : Chair to be confirmed

Impact of gender on clinical and polysomnographic profiles of patients with obstructive sleep apnea hypopnea syndrome
Bouchra Benzouid (Constantine, Algeria), Mohamed Bougrida, Fouzia Abdelouahab, Mohamed Kheireddine Bourahli

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Sex differences in sleep clinic findings in patients with obstructive sleep apnoea
Zoe Bousraou (Zürich, Switzerland), Lara Benning, Silvia Ulrich, Esther Irene Schwarz

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Evaluation of patient reported outcomes measurements (PROMs) as an instrument to highlight sex specific unmet needs and potentially treatable traits in OSAS.
Luca Passantino (Rome, Italy), Mario Di Stasio, Chiara Passantino, Mariarita Andreani, Matteo Siciliano, Riccardo Inchingolo, Luca Richeldi

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Sex Differences in the Sexual Benefits of CPAP Therapy for OSA: A Narrative Review
Elroy Boers (Calgary, Canada), Kimberly Sterling, Fatima Sert, Will Mcconnell, Alison Wimms, Leanne Kaye

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Physiological changes in women's sleep across their lifespan
Maria José Araújo Cunha Guimarães (Palmeira – Stº Tirso, Portugal), Ana Teresa Magalhães Lima

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STOP-BANG vs. STOP-BAWG vs. STOP-BWANG for Predicting OSA in the Indian Population
Diptendu Dey (West Bengal, India), Beauty Biswas, Arup Halder, Shyam Krishnan, Diptendu Dey, Raja Dhar

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S-AIR Score for Prediction of Likelihood of Obstructive Sleep Apnoea (OSA) in Indian Population.
Milind Sovani (Nottingham (Nottinghamshire), United Kingdom), Himanshu Garg, Pratibha Dogra, Arup Halder, Prerana Garg, Deepak Talwar, Virendra Singh, Nishtha Singh, B.P Singh, Prabhat Sahai, Samir Sahu, Manoj Goel, Dipti Gothi, Sonia Dalal, Suryakant Tripathi, Deependra Rai, Saurabh Karmakar, Pralhad Prabhudesai, Mahavir Modi, Indranil Halder, P Arjun, V Deshpande, Nikita Jajodia, David Cunnington, Raja Dhar

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Sleep Apnea Clinical Score (SACS) and its ability to detect Obstructive Sleep Apnea (OSA) in physician referred patients in Culiacan, Mexico.
Edgar Urquidez Bazua (Culiacan (Sinaloa), Mexico), Jorge Ivan Miranda

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Cross-sectional study of the community Self-Reported Risk of Obstructive Sleep Apnoea Syndrome and levels of awareness in Attica, Greece
Panagiotis Voulgaris (Trikala, Greece), Petros Kassas, Georgios Vavougios, Chrissi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis

Identifying subject at risk for obstructive sleep apnea: a comparison of two screening methods
Migle Jurgelenaite (Kaunas, Lithuania), Guoda Vaitukaitiene, Skaidrius Miliauskas

Why are people with sleep apnea undiagnosed? – The SCAPIS Sleep Cohort
Erik Holmgren (Umeå, Sweden), Mirjam Ljunggren, Anders Blomberg, Baz Delshad, Ludger Grote, Jan Hedner, Christer Jansson, Eva Lindberg, Johan Svensson, Jenny Theorell-Haglöw, Martin Ulander, Xingwu Zhou, Ding Zou, Karl Franklin

Prediction of OSA severity based on clinical parameters
Sébastien Bailly (Grenoble, France), Séverine Berrucaz, Sébastien Baillieul, Marie Destors, Jean-Louis Pépin, Renaud Tamisier

Snoring is related to daytime sleepiness and sleep disturbances independent of sleep apnea
Eva Lindberg (Uppsala, Sweden), Anders Blomberg, Baz Delshad, Karl A Franklin, Ludger Grote, Jan Hedner, Christer Janson, Mirjam Ljunggren, Martin Ulander, Ding Zou, Xingwu Zhou, Jenny Theorell-Haglöw

Daytime sleepiness is reduced over time in European sleep apnea patients - data from the ESADA CRC
Ludger Grote (Göteborg, Sweden), Farncesco Fanfulla, Dries Testelmans, Georgia Trakeda, Athanasia Pataka, Zoran Dogas, Holger Hein, Stefan Mihaicuta, Sebastien Bailly, Ozen K Basoglu, Sophia Schiza, Jan Hedner, Marisa Bonsignore, The Esada Collaborative Network

Unmasking the Dual Faces of OSA: Clinical and Level 1 Polysomnographic Insights into Sleepy vs. Non-Sleepy OSA Phenotypes
Krishnaveni Renganathan (Chennai (Tamil Nadu), India)

Nocturia in sleep apnea syndrome: prevalence and correlations
Sabrine Majdoub Fehri (Nabeul, Tunisia), Wissem Maatoug, Rahma Kallel, Anis Werghemmi, Hamida Kwas

Neck circumference and its relationship with apnea-hypopnea index
Deniz Dogan Mülazimoglu (Ankara, Turkey), Esra Aktekin Soydan, Elif Akıncı Aydınlı, Banu Gülbay, Turan Acıcan

Diagnostic accuracy of anthropometric measures in uncomplicated patients at risk for obstructive sleep apnea in the European Sleep Apnoea Database
Alexandros Kalkanis (Leuven, Belgium), Dimitrios Papadopoulos, Athanasia Pataka, Johan Verbraecken, Sophia Schiza, Tarja Saaresranta, Ding Zou, Marta Drummond, Ozen K Basoglu, Paschalis Steiropoulos, Maria R Bonsignore, Sébastien Bailly, Ludger Grote, Dries Testelmans

Anthropometric and Clinical Predictors of Obstructive Sleep Apnea in Older Adults
Burcu Arpinar Yigitbas (Istanbul, Turkey), Hazal Karadag, Sacit Icten, Coskun Dogan, Esra Yazar

Association between European languages and OSA in the ESADA cohort
Elisa Perger (Milano, Italy), Mauro Viganò, Sebastien Bailly, Ludger Grote, Marta Drummond, Stefan Mihaicuta, Dries Testelmans, Martino Pengo, Gianfranco Parati, Carolina Lombardi, The Esada Collaborative Network

PS-40 Session 08:00 - 09:30

Poster session: Advances in imaging biomarkers and artificial intelligence for chronic pulmonary diseases

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology | Imaging | General respiratory patient care | Pulmonary function testing | Epidemiology | Public health | Pulmonary rehabilitation

Chairs : Helmut Prosch (Wien, Austria), Christoph Lederer (Heidelberg, Germany)

Prevalence of Lung Involvement on HRCT in Rheumatoid Arthritis: A Systematic Review and Meta-analysis
Jonas Aggerholm Bækdal (Hvidovre, Denmark), Laurits Janns, Erik Hansen, Howraman Meteran, Elisabeth Bendstrup, Charlotte Ulrik

Longitudinal Changes in Quantitative Imaging Biomarkers are Associated with Increased Risk of Mortality in Connective Tissue Disease-Related Interstitial Lung Disease.
Simon Walsh (London, United Kingdom), Miguel Monteiro, Amy Craster, Muhunthan Thillai

Unmasking ABPA: the clinical impact of radiological diagnosis
Rasheeka Valiyakath Puthiyamaliyakkal (Faridabad, India), Swadha Jain, Satyam Agarwal, Pradeep Bajad, Sourabh Pahuja, Arjun Khanna

QUANTIFICATION AND ANALYSIS OF LUNG INVOLVEMENT BY ARTIFICIAL INTELLIGENCE IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS TREATED WITH ANTIFIBROTIC THERAPIES
Corrado Pelaia (Catanzaro (CZ), Italy), Caterina Battaglia, Alessia Mondelli, Francesco Turco, Paolo Zaffino, Carlo Cosentino, Francesco Manti, Giuliana Conti, Chiara Lupia, Nicola Montenegro, Antonio Maiorano, Girolamo Pelaia, Pasquale Romeo, Domenico Laganà

CT Lung Volume Analysis Correlates with the Presence of Pathological Usual Interstitial Pneumonia in Interstitial Lung Disease
Kenji Tsumura (, Japan), Yoshiaki Zaizen, Tomonori Chikasue, Masaki Tominaga, Junya Fukuoka, Kiminori Fujimoto, Tomoaki Hoshino

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Use of Artificial Intelligence for Automated X-ray Analysis During the War in Ukraine
Oksana Roossovska (Kyiv, Ukraine), Olesia Medvedieva, Olha Sakalska, Oksana Ushakova, Yana Terleieva, Nazar Vasylenko, Lesia Maniv, Vitalii Mostovyi

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Making Every CT Count: Automated Body Composition Analysis for Clinical Use in COPD and Beyond
Mia Solholt Godthaab Brath (Aalborg, Denmark), Peter Alexander Rytter Secher, Esben Bolvig Mark, Jens Brøndum Frøkjær, Lasse Riis Østergaard, Henrik Højgaard Rasmussen, Karteek Popuri, Mirza Faisa Beg, Ulla Møller Weinreich

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Enhancing Pulmonary Disease Diagnosis with AI. A Study of 5,446 Patients Demonstrating Improved Accuracy and Efficiency in CT Imaging
Stevan Ivković (Niš, Republic of Serbia), Dušan Ivković, Aleksandar Ivković

Deep Learning-Based COPD Detection: Neural Network Performance Comparison and Model Interpretability Study
Yuepeng Li (Chengdu, China), Rui Zhang, Linfeng Bi, Yi Lei, Zhoufeng Wang, Huaiqiang Sun, Weimin Li

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CALM-QE - Pilot Study on AI-Based Quantitative CT Thorax Analysis in Stable and Exacerbation Phases of COPD.
Andreas Hoheisel (Freiburg, Germany), Christopher L Schlett, Julius Wehrle, Sebastian Fähndrich, Andrea Prunotto, Andrea Laukhuf, Maria Weymann, Saskia Kiefer, Sabine Feig, Harald Binder, Harald Renz, Daiana Stolz

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Quantitative CT scoring of mucus plugs in people with cystic fibrosis
Stephanie Thee (Berlin, Germany), Margherita S. Silani, Mirjam Stahl, Antonia Petersen, Thomas Elgeti, Marcus Mall

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Radiological Predictors of Disease Progression in Non-Specific Interstitial Pneumonia
Sara Piciucchi (Forlì, Italy), Amita Sharma, Simone Petrarulo, Claudia Ravaglia, Venerino Poletti

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Body composition in COPD patients with a new AI-based radiological method compared to bioelectrical impedance analysis
Judith Brock (Heidelberg, Germany), Bettina Katalin Budai, Oyunbileg Stackelberg, Konstantina Kontogianni, Felix Herth

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Cluster Analysis for Clinical, Radiological, and Histopathological Profiling in Chronic Pulmonary Graft-Versus-Host Disease (PcGVHD)
Sara Piciucchi (Forlì, Italy), Giuseppe Alfano, Simone Petrarulo, Roland Barbante, Martina Montinaro, Eleonora Antognoni, Emanuela Giampalma, Claudia Ravaglia, Venerino Poletti

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Small blood vessel volume and exercise capacity in long covid patients
Noa Verheyen (Wilrijk, Belgium), Wendel Dierckx, Kris Ides, Yinka De Meyer, Eline Lauwers, Wilfried De Backer

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AI-driven assessment of CT airway abnormalities in alpha-1-antitrypsin deficiency patients: prediction of clinical outcomes
Gaël Dournes (Pessac, France), Gael Dournes, Imene Hadj Bouzid, Klervi Doucet, Ilyes Benlala, Arnaud Maurac, Elodie Blanchard, Patrick Berger, Pauline Henrot, Maeva Zysman

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Automated CT segmentation volumes of mediastinal pulmonary artery predicts overall survival in hypersensitivity pneumonitis
Daryl Cheng (London, United Kingdom), Mehran Azimbagirad, Nesrin Mogulkoc-Bishop, Shanshan Wang, Alper Ezircan, Recep Savaş, Robert Chapman, Ryoko Egashira, Daisuke Yamada, Joseph Jacob

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Evaluation of Radiological Abnormalities One Year After SARS-CoV-2 Pneumonia
Nour Kallel (Sfax, Tunisia), Yasmine Derbel, Wiem Feki, Nesrine Kallel, Rim Khemakhem, Nedia Moussa, Samy Kammoun, Zeineb Mnif

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Clinical differences between intralobar pulmonary sequestration and anomalous systemic arterial supply to the basal segment of the lung
Mio Sugino (Tokyo, Japan), Manabu Suzuki, Daisuke Akahori, Masaaki Nagano, Yusaku Kusaba, Yosie Tsujimoto, Akane Ishida, Masao Hashimoto, Junko Terada, Eriko Morino, Jin Takasaki, Naoki Nishimura, Hiroshi Nokihara, Shinyu Izumi, Masayuki Hojo

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Usefulness of fluorodeoxyglucose positron emission tomography in assessing connective tissue disease associated interstitial lung disease
Jei-Yie Huang (Taipei, Taiwan), Chun-Kai Huang

PS-18 Session 08:00 - 09:30

Poster session: Recent advances in the management and treatment of airways disease

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Transplantation Cell and molecular biology

Chairs : Gert-Jan Braunstahl (Rotterdam, Netherlands), Astrid Aardenburg - van Huisstede (Alkmaar, Netherlands)

Online recorded patient reported outcome measures in the Severe Heterogeneous Asthma Research Collaboration Patient-centered (SHARP) registry could provide information for early assessment of response to biologics in patients with severe asthma
Valentyna Yasinska (Rönninge, Sweden), Oksana Tenselius, Dominique Hamerlijnck, Aruna T Bansal, Kristina Bieksiene, Claudia Chaves Loureiro, Diogo Canhoto, Sanja Hromis, Sabina Skrgat, Peter Kopac, Mariana Paula Rezelj, Anneke Ten Brinke, Barbro Dahlén, Michael Hyland, Jacob Sont, Joseph Lanario, Matthew Masoli

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Psychometric validation of the Asthma Daytime/Nighttime Symptom Diary (ADSD/ANSD) in a phase 2 trial with adults with moderate-to-severe uncontrolled asthma
Renata Martincova (Praha, Czech Republic), Mattea Orsini, Nathan Clarke, George Skingley, James Brookes, Hermione Blackwood, Rebecca Williams-Hall, Jessica Middlehurst, Jessica Flynn, Jane Wells

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Updates in the clinical practice of SEVERE ASTHMA Latin American Thoracic Society-ALAT
Ana Maria Stok (San Miguel de Tucumán, Argentina), Ignacio Zabert, Gabriel García, Carmen Cano, Patricia Fernandez, Felicia Montero, Natalia García, Carlos Celis, Agustin Acuña Izcaray, Marcia Pizzichini, Juan Carlos Vazquez, Miguel Bergna, Abraham Ali Munive, Zunino Sergio, Renato Casanova, Maria Parada, Martin Maillo, Ricardo Figuereido, Lorena Noriega, Marcos Hernandez, Miguel Antunez, Maria Alfaro Coto, Lilian Ballini, Fernando Vera, Audrey Piotrostanalzki, Isabel Villanueva, Lucia Fernandez, Erika Lopez Estrada, Paulina Trujillo, Oscar Benitez

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Hormone replacement therapy and late-onset asthma: A 15-year cohort study of 1.7 million menopausal women
Fatima Almaghrabi (Manchester, United Kingdom), Bright Nwaru, Aziz Sheikh, Syed Ahmar Shah

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Real-world outcomes after 2 years of dupilumab therapy for severe asthma: the ProVENT study
Henrik Watz (Ahrensburg, Germany), Marek Lommatzsch, Stephanie Korn, Olaf Schmidt, Hartmut Timmermann, Monika Gappa, Xavier Soler, Olivier Ledanois, Nicole Nischan, Matthias Hahn, Andreas Heimann

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Baseline characteristics of patients with asthma initiating dupilumab in the real-world REVEAL registry
Mona Al-Ahmad (Kuwait, Kuwait), Jorge F. Maspero, Rand Arnaout, Andrey S. Belevskiy, Leslie Vargas-Ramírez, Hassan Mobayed, Bassam Mahboub, Carla Irani, Amir Bar-Shai, Mariko S. Koh, Jason Chao, Sherif Zaghloul, Xavier Soler, Jennifer Dewhurst

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Efficacy and safety of add-on dupilumab vs inhaled corticosteroid (ICS) dose escalation in patients with asthma uncontrolled on medium-dose ICS/long-acting β2-agonist (LABA) – AIM4: Next Step study
Mena Soliman (Markham, Canada), William W. Busse, Melissa Iammatteo, Njira L. Lugogo, Leonard B. Bacharier, O'Byrne Paul, Arnaud Bourdin, Rohit Katial, Giselle S. Mosnaim, Anju T. Peters, Stephanie Korn, Changming Xia, Olivier Ledanois, Antonio Martin, Harry J. Sacks, Yamo Deniz

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Reduction of Inhaled Corticosteroids After Biologic Therapy Initiation in Severe Asthma: Prevalence and Impact in the German Severe Asthma Registry
Slagjana Stoshikj (Wien, Austria), Andreas Renner, Christoph Krall, Christina Bal, Katrin Milger, Christian Schulz, Margret Jandl, Rainer Ehmann, Olaf Schmidt, Roland Buhl, Eckard Hamelmann, Christian Taube, Dirk Skowasch, Stephanie Korn, Marco Idzko

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Clinical Remission in severe asthma with biologic treatment in a portuguese Severe Asthma Multidisciplinary Unit (SAMU)
Ana Patrícia Soares Trindade (Lisboa, Portugal), Maria João Lúcio, Inês Barreto, Henrique Cabrita, Inês Silva, Estrella Gregorio, Ana Mendes, Carlos Lopes

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Clinical Remission in Patients with Asthma treated with Triple Inhalation Therapy: Post-hoc Evaluation of TRIMARAN and TRIGGER RCTs
Giorgio Walter Canonica (Milano (MI), Italy), Dave Singh, Alberto Papi, Guy Bruselle, Alessio Piraino, Laura Franzini, Andrea Vele, Gemzel Hernandez, J. Christian Virchow

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Should Omalizumab Therapy Be Discontinued?
Ezgi Akkus (Antalya, Turkey), Busra Gungor, Elif Busra Obek, Sultan Burcak Kara, Zehra Okdem, Ozkan Yetkin

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Phase 1 study of TQC2731 targeting thymic stromal lymphopoietin in Chinese healthy adults and asthma patients
Xin Tian (Zhengzhou, China), Ruijuan Liu, Lizhen Zhang, Li Mei, Ding Yu, Anqi Yang

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The Combined Impact of Omalizumab and Allergen Immunotherapy (AIT) in Severe Asthma.
Laura Lopes (Coimbra, Portugal), Cláudia Chaves Loureiro

Mepolizumab is efficacious in COPD patients with varying levels of airflow obstruction: Pooled Phase III trial results
David M. G. Halpin (Exeter, United Kingdom), Jean Bourbeau, Meilan K. Han, Jinping Zheng, Joel Schamroth, Bhabita Mayer, Steven Gould, Surya P. Bhatt

Mepolizumab reduces exacerbations and improves quality of life in COPD irrespective of severe exacerbation history: Pooled Phase III trial results
Alberto Papi (Cona, Ferrara, Italy), Stefanie A. Christenson, Darcy D. Marciniuk, Henrik Watz, Ting Yang, Joel Schamroth, Bhabita Mayer, Steven Gould, Gerard J. Criner

Indirect treatment comparison (ITC) of mepolizumab and dupilumab in treating COPD
Jean Bourbeau (Montréal (QC), Canada), Mona Bafadhel, Jeff Min, Stefanie Kolterer, Shibing Yang, Matthias Hunger, Xuan Wang, Fernando J Martinez

Impact of adherence to sublingual grass pollen allergen immunotherapy on allergy medication use in patients with allergic rhinoconjunctivitis
Morten Borg (Ry, Denmark), Ole Hilberg, Rikke Ibsen, Anders Løkke

Efficacy of hypertonic saline nasal irrigation in allergic rhinitis: a systematic review and meta-analysis
Nishtha Singh (Jaipur (Rajasthan), India), Arvind Sharma, Udaiveer Singh, Virendra Singh

Hyperosmolar Therapy with Xylitol vs Placebo in the Treatment of Allergic Rhinitis: Results of a Double-Blind Placebo-Controlled Study
Artemii Bogomolov (Vinnytsia, Ukraine), Sergii Zaikov, Mykola Gumeniuk

Agonism of TRPM8 Alleviates Cough Responses to Inhaled Allyl Isothiocyanate (AITC) in Patients with Allergic Rhinitis
Yang Yang (P.R.China, Guangzhou city, Guangdong province, China), Yu Fu, Zhangfu Fang, Jiaxing Xie, Kefang Lai

PS-22 Session 08:00 - 09:30

Poster session: Pneumonia and complicated pneumonia: what's new?

Disease(s) : Pulmonary vascular diseases | Airway diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : General respiratory patient care | Physiology | Epidemiology | Public health | Imaging | Pulmonary rehabilitation | Respiratory intensive care | Cell and molecular biology

Chairs : Stefan Unger (Edinburgh (Edinburgh), United Kingdom), Chair to be confirmed

In vitro antimicrobial susceptibility of Mycoplasma pneumoniae isolates from children across China in 2023
Jinghua Cui (, China), Chao Yan, Hanqing Zhao, Guanhua Xue, Yanling Feng, Jing Yuan

Signal pathways mediated by P1 adhesin in Mycoplasma pneumoniae infection
Hanqing Zhao (Beijing, China), Chao Yan, Jinghua Cui, Guanhua Xue, Yanling Feng, Jing Yuan

A paediatric case of mycoplasma pneumoniae complicated by cold agglutinins-induced haemolysis and extensive thrombosis
Eman Hassanin (Leeds, United Kingdom), Alexandra Adams

Uncommon Presentation of Pulmonary Embolism in a Child with Mycoplasma Pneumonia: Case Report
Badar Al Dhouyani (Doha, Qatar), Ahmed Abushahin, Nadine Asir, Hadeel Al Zoubi

The role of atypical infection with Mycoplasma pneumoniae in community-acquired pneumonia in children aged 3 months – 18 years
Adelina Procopi (Chisinau, Republic of Moldova), Rodica Selevestru, Consuela Adam, Dorina Efros, Nelea Buga, Ianoș Adam, Svetlana Sciuca

Clinical manifestations of macrolide-resistant Mycoplasma Pneumoniae infections in pediatric community-acquired pneumonia
Young A Park (Seoul, Republic of Korea)

Effect of fibrobronchoscopic alveolar lavage combined with vibration expectoration on children with mycoplasma pneumonia
(, China), Hongjing Lin, Zeyu Qin

Evaluating the effect of C-reactive protein point-of-care testing on antibiotic prescription in children with acute respiratory infections in Kyrgyz primary care: a randomised controlled trial
Elvira Isaeva (Bishkek, Kyrgyzstan), Azamat Akylbekov, Anja Poulsen, Nandini Sreenivasan, Joakim Bloch, Jesper Kjærgaard, Rune Aabenhus, Talant Sooronbaev

Mortality Trends by pneumonia in Brazilian children in the last 45 years.
Renato Goncalves Felix (Bariri, Brazil), Lucas Casagrande Passoni Lopes

Comparative Analysis of Knowledge, Attitude, and Perception Regarding Childhood Pneumonia Among Urban and Rural Populations in Pakistan
Abdul Mannan Mustafa (Multan, Pakistan), Ghulam Mustafa

Recurrent pneumonia in a tertiary children's hospital, Malaysia
Nur Izyani Abdul Halim (Kuala Lumpur, Malaysia), Asiah Kassim, N.Fafwati Faridatul Akmar Mohamad, Shangari Kunaseelan, Shin Lam Koo, Ching Hai Lee, Fatimah Az Zaharah Suhaimi

Breastfeeding duration and lower respiratory tract infection risk in early childhood: Findings from the Canadian Healthy Infant Longitudinal Development Study (CHILD)
Ori Goldberg (Rehovot, Israel), Maria Medeleanu, Myrtha Reyna Vargas, Meghan Azad, Elinor Simons, Stuart Turvey, Piush Mandhane, Padmaja Subbarao, Theo J Moraes

Clinical profile and outcome of complicated community acquired pneumonia in children in the post pneumococcal vaccination era: a developing country perspective
Rashmi Ranjan Das (Bhubaneswar (Odisha), India), Padmini Kanhar, Sunil Kumar Agarwalla

Complicated pneumonia in children in South-East Europe: a retrospective multi-centre study
Tijana Grba (Beograd, Republic of Serbia), Elpis Hatziagorou, Alessandro Amaddeo, Guergana Petrova, Ganimeta Bakalovic, Hajnalka Szabo, Snezana Zivanovic, Gordana Vilotijevic Dautovic, Biljana Medjo, Tomo Plamenac, Mirjana Turkalj, Iva Mihatov Stefanovic, Jasna Rodman Berlot, Mojca Rozic, Tatjana Jakjovska Maretti, Natasa Opavski, Aleksandar Sovtic

Evolution of intrapleural bleeding in pediatric empyema management : a 10-year single-center study assessing associated risk factors
Michael Deltenre (Wezembeek-Oppem, Belgium), Milena Demey, Lena Coïc, Bruce Tapiero, Sze Man Tse

Treatment outcomes of intrapleural fibrinolytics in children with complicated community-acquired pneumonia with and without the development of necrosis
Agnieszka Strzelak (Warszawa, Poland), Karolina Opala, Magdalena Grochowska, Katarzyna Krenke

Outcomes and Risk Factors in Paediatric Empyema
Gemma Wilson (Cambridge, United Kingdom), Fayed Sheikh, Sarah Brown, Muna Dahabreh, Kirsi Malmivaara, Chinedu Nwokoro, Caroline Pao, Abigail Whitehouse, Suren Thavagnanam

Interest of physiotherapy care in management purulent pleurisy of children
Cyrine Hattab (Ariana, Tunisia), Mahdi Abdennadher, Malek Masmoudi, Feriel Souissi, Khaled Menif

Imaging in paediatric complicated community-acquired pneumonia
Florian Gahleitner (Loanhead, United Kingdom), Bianca Van Binsbergen, Archie Wimborne, Don Urquhart, Rachael Kirkbride, Jeremy Jones, Stefan Unger

Biomarkers for early prediction of thoracocentesis in pediatric community-acquired pneumonia
Ori Goldberg (Rehovot, Israel), Yoel Levinsky, Yoav Vardi, Einat Shmueli, Noga Yaniv, Ben Rotschild, Ron Berant, Gili Kadmon, Meir Mei-Zahav, Dario Prais, Patrick Stafler

PS-24 Session 08:00 - 09:30

Poster session: Challenges in thoracic surgery

Disease(s) : Thoracic oncology | Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Pulmonary vascular diseases

Method(s) : Surgery | Pulmonary rehabilitation | Imaging | General respiratory patient care | Epidemiology | Pulmonary function testing | Public health | Respiratory intensive care

Chairs : Marcello Migliore (Catania, Italy), Chair to be confirmed

Surgical challenges and outcomes of chest wall desmoid tumors: a single institution experience
Wifek Saidani (Ariana, Tunisia), Imen Bouassida, Hazem Zribi, Hanen Smadhi, Amina Abdelkebir, Sarra Zairi, Sonia Ouerghi, Chaker Jabeur, Mehdi Abdennadher, Adel Marghli

Oxidized regenerated cellulose reinforcement during video-assisted thoracoscopic blebectomy does not appear to prevent postoperative recurrent pneumothorax.
Masao Naruke (Tokyo, Japan), Takashi Ohtsuka

Risk Factors for Morbidity and Mortality in Children with Congenital Diaphragmatic Hernia after Surgery
Arceli Harumi Koyama Kakazu (Don Torcuato, Tigre, Argentina), Ramiro Ortiz, Sol Canestrari, Carlos Giuseppucci, Marcelo Barrenechea, Verónica Giubergia

Telerehabilitation's Role in Managing Postoperative Pain, Fatigue, and Anxiety in Lung Surgery
Esra Pehlivan (Istanbul, Turkey), Burcu Kılıç, Ayça Evkaya Acar, Yaman Khoraki, Sibel Gayretli Atan, Akif Turna

Respiratory support during the surgical treatment of tracheal cicatrical stenosis
Anastasiia Sochnieva (Kharkiv, Ukraine), Valeriy Boyko, Vasyl Kritsak, Volodymir Tkachenko

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Surgical versus non-surgical management of secondary spontaneous pneumothorax: Impact on patients' outcomes
Zied Chaari (Sfax, Tunisia), Aymen Ben Ayed, Hela Alimi, Hanen Bouattour, Abdessalem Hentati, Nour Gargouri, Rahma Gargouri, Imed Frikha

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Inflammatory Pseudotumors of the Lung: 20-Year Surgical Experience
Feriel Souissi (Tunis, Tunisia), Mahdi Abdennadher, Ameni Ben Mansour, Amina Abdelkebir, Henda Néji, Sonia Ouerghi, Hazem Zribi, Adel Marghli

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In a large teaching hospital, are patients admitted with acute exacerbation of chronic obstructive pulmonary disease being referred for consideration of lung volume reduction surgery? A Quality Improvement Project
Madeline Charles-Rudwick (Norwich, United Kingdom), Saad Mahmood, Vasileios Kouritas, Sadiyah Hand

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Thymectomy via Minimally Invasive Techniques: Exploring Efficacy and Safety in Thymic Disorders
NIZAR ALHUTAYLAH (riyadh, Saudi Arabia), Abdullah Bahadi, Asser Mohammed, Abdulrahim Comert, Abdulaziz Dahhan, Turki Alhawiti, Mahmoud Hashem, Ayman Arbeen, Wael Ahmed, Amal Abdelhaq, Hassan Robaidi, Waleed Saleh, Khaled Khaled, Marcello Migliore

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Management of triple-positive antiphospholipid syndrome during pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension
Bianca Battilana (Zurich, Switzerland), Simon Weber, Jakob Nilsson, Mona Lichtblau, Sascha David, Silvia Ulrich, Isabelle Opitz

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Airway obstruction by an intrathoracic goiter: An overlooked problem
Kalliopi Athanassiadi (Athens, Greece), Matilda Chroni, Konstantinos Eleftheriou, Efrosyni Dima, Stavroula Poulou, Maria Mis, Alexandros Tsompanellis, Magdalini Simou, Stylianos Mouratidis, Paraskevi Katsaounou

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Predictive Factors of Chest Drainage Failure in the First Episode of Primary Spontaneous Pneumothorax
Olfa Ben Moussa (Tunis, Tunisia), Emna Ben Jemia, Hend Ouertani, Ameni Naaroura, Yosr Ben Atig, Mohamed Sadok Boudaya, Jihene Ben Amar, Zaibi Haifa

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Should Primary Spontaneous Pneumothorax Be Considered Secondary in Cannabis Smokers?
Emna Benjemia (Tunis, Tunisia), Olfa Ben Moussa, Hend Ouertani, Amenie Naaroura, Yosr Ben Attig, Haifa Zaibi, Jihen Ben Amar

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Lung Volume Reduction: streamlining time-to-intervention.
Harrison Stubbs (Glasgow, United Kingdom), Hannah Bayes, Rocco Bilancia, Ryan Mcgovern, Alan Kirk, Nikos Kostoulas, David Anderson

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Exploring Sleep Disorders in Thoracic Surgery: A Prospective Study on Pre- and Postoperative Sleep Assessment
Veronica Rossi (Milan, Italy), Eleonora Funaro, Giovanni Spreafico, Gianmarco Putti, Orlandi Riccardo, Degiovanni Sara, Emilia Privitera, Marco Mantero, Alessandro Palleschi

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Lung Cancer in Young Patients:A Retrospective Analysis of 42 Years
Emre Yanardag (Istanbul, Turkey), Halil Yanardag, Muammer Bilir

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Factors affecting lung cancer upstaging post-surgical resection
Hafiz Gulzeb Kamil (Coventry, United Kingdom), Emad Abugassa, Sumaiya Asif Sayed, Jason Su, Zahra R Almansoor, Shilajit Ghosh, Mohammed Haris

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Acquired Bronchiectasis Secondary to a Foreign Body
FATMA INCHED JEMAL (ARIANA, Tunisia), Amina Abdelkbir, Hazem Zribi, Mehdi Abdenadher, Chiraz Albouzidi, Nizar Fitouhi, Adel Marghli

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Is the Naples Prognostic Score a useful prognostic tool in surgical patients with thymomas? Food for thought
ΕΛΕΝΗ ΔΙΟΝΕΛΛΗ (Krines, Corinth, Greece), Georgia Hardavella, Ioannis Karampinis, Konstantinos Potaris, Stefano Elia

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Comparison of Restaging Methods in Patients with Non-Small Cell Lung Cancer Receiving Neoadjuvant Therapy for N2 Disease
Ece Yasemin Demirkol (İstanbul, Turkey), Volkan Erdogdu, Necati Citak, Baris Demirkol, Nisa Yildiz Ilhan, Aysegül Ciftci, Ozkan Saydam, Muzaffer Metin

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PS-27 Session 08:00 - 09:30

Poster session: Advances in exercise testing for respiratory disease

Disease(s) : Airway diseases Sleep and breathing disorders Interstitial lung diseases

Method(s) : Pulmonary rehabilitation General respiratory patient care Public health Palliative care Physiology Pulmonary function testing Cell and molecular biology

Chairs : Chair to be confirmed

Intra- and inter-observer reliability assessment of the Patient-Generated Index (PGI) in patients with Interstitial Lung Disease: a preliminary study
Tiago Almeida Araújo (São Carlos, Brazil), Vanessa Pereira Lima, Maria Gabriela Colucci, Daiane Roberta Viana, Fernanda Manenti Basso, Livia Maria Petilli Zopelari, Izabella Lorena Batista Porto, Gabriela Matoso Melgaço, Renato Fleury Cardoso, Valéria Amorim Pires Di Lorenzo

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Minimal clinically important difference for the 1-minute sit-to-stand after pulmonary rehabilitation in exacerbations of COPD
Ana Filipa Machado (Senhora da Hora, Porto, Portugal), Ana Oliveira, Cíntia Dias, António Pedro Gonçalves, Paula Simão, Chris Burtin, Alda Marques

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Cut-off of the Physical Performance Test to detect functional status impairment and mortality risk in interstitial lung disease
Cíntia Dias (Vila Nova De Gaia, Portugal), Joana Antão, Cátia Paixão, Vânia Fernandes, Sérgio Campainha, Chris Burtin, Alda Marques

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Inter-day test-retest reproducibility of the Pittsburgh Sleep Quality Index, Brief Pain Inventory and Multidimensional Fatigue Inventory in patients with COPD.
Christina Nielsen (Hvidovre, Denmark), Nina Godtfredsen, Stig Molsted, Charlotte Ulrik, Henrik Hansen

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Intra- and inter-rater reproducibility of the 1-minute sit-to-stand, handgrip strength and Short Physical Performance Battery in patients with COPD.
Christina Nielsen (Hvidovre, Denmark), Nina Godtfredsen, Stig Molsted, Charlotte Ulrik, Henrik Hansen

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Normative values for the Test of Incremental Respiratory Endurance (TIRE) in the healthy population of central Europe
Martin Hartman (Brno, Czech Republic), Jitka Minarikova, Filip Zlamal, Ladislav Batalik, Roberta C Costa, Artur S Lima, Magno F Formiga, Lawrence P Cahalin, Filip Dosbaba

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Postural balance assessment to discriminate falls in people with COPD: a prospective cohort study
Barbara A. T. Alcantara Verri (Sao Jose dos Campos, Brazil), Caroline M. Censo, Juliana M. B. Santos, Rafaella F. Xavier, João M. Salge, Regina M. Carvalho-Pinto, Celso R. F. Carvalho

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Assessing physical frailty in COPD: Agreement and stability of four ERS/ATS-recommended screening tests – A prospective cohort study
Henrik Hansen (Dragør, Denmark), Christina Nielsen, Jeanette Hansen, Charlotte Suppli Ulrik, Nina Godtfredsen

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Surface electromyography to measure skeletal muscle fatigue in patients with COPD: preliminary data
Paulien Mellaerts (Leuven, Belgium), Simone Pancera, Luc Janssens, Wim Janssens, Stephanie Everaerts, Heleen Demeyer, Thierry Troosters

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Accuracy of diagnostic tests for respiratory sarcopenia in older people: A systematic review and meta-analysis
Deivd Siqueira (Recife, Brazil), Helga Muniz De Souza, Harrison Euller, Daiara Xavier, Renata Pereira De Souza, Shirley Lima Campos, Daniella Cunha Brandão, Diego Dantas, Armele Dornelas De Andrade

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Learning effect and reproducibility of incremental load respiratory muscle endurance test
Ana Lista Paz (A Coruña, Spain), Margarita Barral-Fernández, Laurence Callewaert, Sara De Bleecker, Daniel Langer

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Reproducibility of breathing pattern variables during constant load respiratory muscle endurance tests
Margarita Barral-Fernández (Touro, Spain), Ana Lista Paz, Sara De Bleecker, Laurence Callewaert, Daniel Langer

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The breathlessness beliefs questionnaire-caregiver: development, validity, and reliability in cystic fibrosis
Seda Saka (Istanbul, Turkey), Vildan Fidanoğlu, Zeynep Selçuk, Erkan Çakır

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Performance-based toolkit of treatable traits of functioning in hospitalised patients with ECOPD: An observational study
Naiara Leonardi (São Carlos, São Paulo, Brazil), Joana Cruz, Débora Mayumi Oliveira Kawakami, Chris Burtin, Renata Gonçalves Mendes

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Reliability of a novel tongue protrusion measurement method and related tongue motor skills tests in children.
Pierre Cnockaert (Brussels, Belgium), Apolline Fondeur, Elsa Gabillet, William Poncin

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Comparison of outcome measures for breathlessness and dysfunctional breathing measures across respiratory conditions.
Isobel Timms (London, United Kingdom), Hannah Hylton, Bobby Kemp, William Ricketts, Paul Pfeffer

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Tongue Protrusion Motor Skills Assessment: Normative values and test-retest reliability analysis
Julien Da Purificaçao (Brussels, Belgium), William Poncin

Exercise Training Traits (ExTra+): A new model to enhance personalised pulmonary rehabilitation in people with chronic lung disease.
Christian Osadnik (Melbourne, Australia), Zoe Mckeogh, Hayley Lewthwaite, Alethea Kavanagh, Annemarie Lee, Ianthe Boden, Sarah Candy, Marita Dale, Gennaro D'Elia, Vanessa Mcdonald, Anne Holland, Marie Williams

Psychometric properties of the Turkish version of the Fatigue (FACIT-F) Scale in patients with chronic obstructive pulmonary disease
Büsra Turgut (Izmir, Turkey), Nuray Sarıcaoglu, Ilknur Naz

Urinary Incontinence and the Use of the CAT Questionnaire for Its Assessment in Patients with Chronic Obstructive Pulmonary Diseases
Aida Monge Esqué (Lleida, Spain), Sally Santisteve Lostes, Ivan Benítez Iglesias, Esther Gracia Lavedan, Anna Vila Fornells, Carlos Manzano Senra, Anna Sánchez Cucó, Anna Moncusí Moix, Ferran Barbé, Jessica González

PS-13 Session 08:00 - 09:30

Poster session: Unlocking new pathways: emerging therapeutic targets in asthma and COPD

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Physiology | Cell and molecular biology | Pulmonary function testing | Imaging

Chairs : Ian M. Adcock (London, United Kingdom), Chair to be confirmed

Ex and in vivo testing of human anti-ADAM33 oligonucleotides for novel asthma therapy
Maria Kousetti (Southampton, United Kingdom), Io Long Chan, Charity Bei Feng Teh, Georgii Brazhnikov, Rana Abadalkareem, Christian Ottensmeier, Aiman Alzetani, Jonathan K Watts, Hans Michael Haitchi

The relationship between asthma duration and inflammatory profiles in severe asthma
Freda Yang (London, United Kingdom), Nazanin Zounemat-Kermani, Takehiro Hasegawa, Pankaj Bhavsar, Chloe I Bloom, Ian M Adcock, Kian Fan Chung

Thromboxane A2, not prostaglandin D2, drives the prostanoid-mediated component of mast cell-induced constriction in human small airways
Jesper Säfholm (Solna, Sweden), Willem Abma, Mikael Adner, Sven-Erik Dahlén, Craig Wheelock

Comparative analysis of CAR-T cell therapies reveals IL-5 CAR-T's superior efficacy in severe asthma
Beibei Sun (Hangzhou, China), Xinyi Chen, Fang Xu, Ruiqi Zhang, Gaoying Chen, Dan Shen, Chao Zhang, Youqian Wu, Songmin Ying

Mucosal INFλ mRNA-based immunomodulation with ETH47 confers antiviral protection from influenza A and SARS-CoV-2 in vitro and in vivo
Thomas Langenickel (Planegg, Germany), Anna Macht, Yiqi Huang, Julia Boehme, Andreas Jeron, Line Sinnathamby Reinert, Vincent Grass, Kristin Lohmer, Elke Tatjana Aristizabal-Prada, Alexandra Semmler, Eveline Babel, Wen Zhang, Andrea Wegner, Eva Lichtenegger-Hartl, Sonja Haas, Günther Hasenpusch, Steffen Meyer, Christian Dohmen, Michaela Koburg, Katharina Sohr, Søren Riis Paludan, Andreas Pichlmair, Dunja Bruder, Carsten Rudolph

The bacterial lysate OM-85 reduces exacerbations of any origin in frequently exacerbating patients with T2- high asthma
Antonios Christopoulos (Patras, Greece), Maria/elpida Christopoulou, Maria Eleni Kasimeri, Lilia Panteli, Ioannis Christopoulos, Ioannis Moisidis

Effects of ouabain treatment on lung function in a murine model of mixed asthma
Martina Ribeiro (São Paulo, Brazil), Maria Aparecida Oliveira, Victoria Francelino-Alves, Isabela Melhado, Andre Suaiden, Amanda Siena, Leite Jacqueline, Ricardo Oliveira-Filho, Henrique Moriya, Wothan Tavares-De-Lima, Cristoforo Scavone

Impact of rilzabrutinib on inflammatory responses in human mast cells and eosinophils
Kai-Ting Shade (Cambridge, United States), Shin Mukai, Mustafa Qasim, Ethan Wang, Alexandra Hicks

Early intervention of IL-5 mab attenuates EMT process and airway remodelling in asthmatic mice
Min Zhang (, China), Lei Zhao, Yanmei Lin, Maosen Dou, Lei Han, Hang Su, Jifei Wu, Yiwei Lu, Wuping Bao

Evaluating the effectiveness between non-selective ROCK inhibitor and selective ROCK2 inhibitor in experimental model of allergic asthma in guinea pig model.
Eduard Gondáš (Martin, Slovakia), Jozef Mažerik, Matúš Dohál, Soňa Balentová, Martina Šútovská, Marta Jošková, Soňa Fraňová

Effects Of Lippia Grata Extract in lung and cognitive alterations in an experimental model of emphysema
Ellen Pereira (Santos, Brazil), Pablo Mendonça, Beatriz Silva, Stephanie Castro, Valéria Moreira, Luan Monteiro, Adriana Zanells, Patricia Lopes, Nathália Pinheiro, Barbara Binatto, Roberta Yamaguchi, Rodrigo Ureshino, Fernanda Lopes, Lucindo Quintans-Júnior, Carolina Carvalho, José Santos, Carla Prado, Alessandra Ribeiro

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The SIRT3-AMPK pathway is response to cigarette smoke-induced mitochondrial oxidative stress to promote bronchial epithelial apoptosis, and COPD development
Hong Chen (, China), Yuan Lan, Yawan Zi, Yuezhou Zhang, Ke Liao, Huilin Yu

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Mepolizumab induces proteome changes in eosinophils from severe eosinophilic asthma
Pablo Miguéns-Suárez (Santiago de Compostela, Spain), Laura Martelo-Vidal, Sara Vázquez-Mera, Marina Blanco-Aparicio, Uxío Calvo-Alvarez, Coral González-Fernández, Mar Mosteiro-Añón, Dolores Corbacho-Abelaira, Tamara Hermida-Valverde, Christian Calvo-Henríquez, Susana B Bravo, Juan José Nieto-Fontarigo, Francisco Javier Salgado-Castro, Francisco-Javier González-Barcala

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RNA-Seq transcriptome profiling in a HDM-induced mouse model identifies gene signatures associated with asthma pathogenesis
Debora Fragni (Felino (PR), Italy), Anna Rita Pisano, Michele Bassi, Jessica Burroughs-Garcia, Matteo Storti, Gino Villetti, Daniela Miglietta

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Key Genetic Insights into Lung Cancer in COPD Patients: The Influence of GATM Mutations
samra kousar (Lahore, Pakistan)

Oligomeric proanthocyanidin attenuates asthma severity and airway remodeling by modulating epithelial-smooth muscle cell interactions.
Xiaoning Zeng (Nanjing, China), Shengwei Gu, Yihang Gu, Yuan Ma

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A 3D-based immunofluorescence platform for characterizing COPD pathology and evaluating treatments in whole airway tissue models
Cindia Ferreira Lopes (Plan-les-Ouates, Switzerland), Jimmy Vernaz, Nicolas Simonnet, Song Huang, Bernadett Boda, Ghislaine Arib, Samuel Constant

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Altered VEGF release from airway structural cells with enhanced VEGFR3 expression in the bronchial epithelium of COPD subjects
Pia Ecke (Lund, Sweden), Martin Ryde, Mathias Franzén Boger, Ellen Tufvesson, Leif Bjermer, Sukhwinder Singh Sohal, Gunilla Westergren-Thorsson, Anna-Karin Larsson-Callerfelt

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A46G ADRB2 gene polymorphism in COPD patients in Ukraine
Nataliia Sanina (Dnipro, Ukraine), Tetyana Pertseva, Tamara Turlyun

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Excessive dynamic airway collapse - CPAP treatment failure and mortality
Thomas Jones (Winchester, United Kingdom), Laura Wardle, Shyun Tiong, Tashi Playle, Rob Cowburn, Matt Quint, Kayode Adeniji

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PS-11 Session 08:00 - 09:30

Poster session: Environmental sustainability in the management of airway diseases: novel alpha-1 antitrypsin data and innovations in drug delivery

Disease(s) : Airway diseases Sleep and breathing disorders Respiratory critical care

Method(s) : General respiratory patient care Transplantation Public health Pulmonary function testing Physiology Epidemiology Respiratory intensive care

Chairs : Miriam Barrecheguren Fernandez (Barcelona, Spain), Kristian Brat (Brno, Czech Republic)

Currently used metrics overestimate the environmental effects of aerosol metered dose inhalers
Gary James Connett (Southampton (Hampshire), United Kingdom), Mary Slingo, Ian Sinha, Julia Slingo

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Comparison between deposition of two dry powder aerosol drugs within the airways of patients with COPD.
Janos Tamas Varga (Budapest, Hungary), Árpád Farkas, Alpár Horváth, Izolda Réti, Norbert Ilyés, Botond Havadtői, Péter Czaun, Gabriella Gálffy

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Climate Impact of Inhalers: Patient Empowerment Drives Prescription Change
Rosemarie Vincent (Montreal, Canada), Sara Elatris, Samia Benabess, Shaainthabie Karthigesu, Isabelle Pitrou, Linda Ofiara, Emily Mcdonald, Nicole Ezer

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Optimizing COPD Management: Balancing Clinical Efficacy and Environmental Impact of Inhaled Therapies
Chung-Yu Chen (Douliou (Yunlin), Taiwan), Ling-Yu Huang

Targeting Asthma in a Polluted World: A Single-Centre Study on the Relationship Between Air Pollution and Response to Asthma Biologic Therapy
Luca Nart (London, United Kingdom), Patrick Kerr, David Watchorn

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The grass is greener on the other side: the environmental impact of using alternative inhalers for obstructive airways disease in a UK sleep and ventilation clinic
Orestis Aniftos (London, United Kingdom), Devsaagar Thanki, Joseph Erskine, Maggie Cheung, Swapna Mandal

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Developing low carbon salbutamol MDI: assessment of pharmacodynamic bioequivalence of salbutamol with propellant HFA-152a via methacholine challenge
Dave Singh (Manchester, United Kingdom), Laura Clow, Christer Janson, Maximilian Plank, David Slade, Stephen Weng, Sebastian Moreira

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Developing low carbon MDIs to support future patient availability: effects of HFA-152a on lung mucociliary clearance
Laura Clow (Stevenage, United Kingdom), Amal Kumaran, Litza Mckenzie, Andrew Patterson, Maximilian Plank, Dave Singh, David Slade, Stephen Weng, Italo Poggesi

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Hospital inhaler waste – what are we throwing away?
Anna Murphy (Leicester (Leicestershire), United Kingdom), Georgina Ainsthorpe, Chloe Fairbrother, Gagandeep Kaur, Katie Neale, Holly Rance, Amjad Sumbal, Will Carroll

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Extrafine beclometasone/formoterol is non-inferior to budesonide/formoterol as maintenance and reliever therapy (MART) for adult asthma patients and reduces the total carbon footprint of all inhaler-related greenhouse gas (GHG) emissions.
Christine Jenkins (McMahons Point (NSW), Australia), Sanjay Ramakrishnan, Claude S Farah, Michael Crooks, Freya Tyrer, Shelly Pathak, Alexander Roussos, Cono Ariti, John Townend, Ravina Ravi, Maureen Tham, Victoria Carter, Philip G Bardin, Peter Wark, David Price

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Survey to understand Indian physicians' perspectives on the use of nebulized drugs in asthma and COPD exacerbations (NEBASCO)
Indranil Halder (Hooghly (West Bengal), India), Kripesh Sarmah, Samir Garde, Saket Sharma, Mitesh Dave, Debopam Chatterjee, Sanjiv Nair, Subhadeep Pal, Manisha Mendiratta, N Loganathan, Varsha Vaze, Ajit Magar, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay

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Augmentation Therapy in Intermediate Alpha-1 Antitrypsin Deficiency
Anna Annunziata (Napoli (NA), Italy), Raffaella Manzo, Cecilia Calabrese, Lidia Atripaldi, Francesca Simioli, Antonietta Coppola, Antonella Marotta, Giuseppe Fiorentino

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Unveiling Genetic Diversity in Alpha-1 Antitrypsin Deficiency: Case Report of Two Siblings with the Novel SERPINA1 Mutation Pi*c.236T>A
Arturo Olivares Rivera (Heidelberg, Germany), Hilal Ersöz, Philipp Höger, Martina Veith, Sandra Tielke, Julia Held, Sabina Janciauskiene, Felix Herth, Franziska Trudzinski

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Efficacy and sustainability of endoscopic lung volume reduction in patients with emphysema due to alpha-1-antitrypsin deficiency
Sandra Tielke (Oberhausen- Rheinhausen, Germany), Franziska Trudzinski, Konstantina Kontogianni, Philipp Höger, Arturo Olivares- Rivera, Hilal Ersöz, Johanna Benholz, Joachim Saur, Felix Herth, Ralf Eberhardt

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Lung transplant outcomes in in patients with alpha1-antitrypsin deficiency (a1ATD), retrospective study from two Italian lung Transplant centres.
Federica Meloni (Padova, Italy), Federica Briganti, Sara Lococo, Alberto Busetto, Federica Besenzon, Klodiana Mucaj, Eleonora Faccioli, Caterina Cuomo, Stefano Silvestrin, Monica Loy, Francesca Lunardi, Andrea Vianello, Fiorella Calabrese, Federico Rea

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Reducing oral deposition of inhaled corticosteroids with a valved holding chamber: a quantitative study
Arshan Perera (Starnberg, Germany), Rieko Kondo, Yvonne Burmeister, Kenichi Kato, Rieko Kato, Keisuke Kato, Yoichi Nakamura, Takahiko Horiguchi

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In-line aerosol nebulization with high-flow nasal cannula: a safety and feasibility study
Matthew Dartt (Beverly Hills, United States), D'Mitri Champion, Yongyus Dejsatha, Armen Zakaryan, Russel Buhr, Arnold Fajardo, Donald Tashkin, Igor Barjaktarevic

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Drug delivery from a Metered Dose Inhaler (MDI) / Spacer delivering triple therapy and self reported observations from COPD patients following the introduction of a Spacer
Jason Suggett (London (ON), Canada), Mark Nagel

Evaluation of Different Spacers Available in Chile for Salbutamol Delivery in Children and Adults
Homero Puppo (Santiago, Chile), Rodrigo Torres-Castro, Roberto Vera-Uribe, Luis Vasconcello-Castillo, Mark Nagel, Jason Suggett, Rob Costa

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Comparative in-vitro performance evaluation of two fluticasone furoate/ vilanterol/umeclidinium (100/25/62.5 mcg) multi-dose dry powder inhalers
Meena Lopez (Mumbai, India), Eshita Sharma, Gopal Rajawat, Mahesh Giri, Girija Masugade, Shilpa Chorge, Vrinda Mhapsekar, Sonali Vartak, Rushika Shah, Kapileswar Swain, Senthilnathan M, Jaideep Gogtay

PS-5 Session 08:00 - 09:30

Poster session: Acute respiratory distress syndrome

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Cell and molecular biology Respiratory intensive care Physiology General respiratory patient care Epidemiology Public health Imaging Palliative care

Chairs : Chair to be confirmed

Evaluation of prone position in Acute Respiratory Distress Syndrome (ARDS) and VV-ECMO: preliminary analysis of an animal experimental study
Filippo Sartori (Verona, Italy), Ana Motos, Kasra Kiarostami, Blanca Llonch, Luigi Zattera, Roberto Cabrera, Alba Soler, Flavia Galli, Federico Carpenteri, Alessandra Pasqua, Antoni Torres, Carlos Ferrando, Enric Barbeta

Prognostic and predictive value of stress hyperglycemia ratio in ARDS patients with new global definition: a multicenter cohort study
Shenghui Li (Shanghai, China), Yang Wang, Xiucheng Liu, Chang Chen

The Heterogeneous Effect of High PEEP strategies on Survival in Acute Respiratory Distress Syndrome: preliminary results of a data-driven analysis of randomized trials
Annemijn Jonkman (Rotterdam, Netherlands), J. Smit, J. Krijthe, J. Van Bommel, D.S. Sulemanji, J. Villar, F. Suárez-Sipmann, R.L. Fernández, F.G. Zampieri, I.S. Maia, A. Biasi Cavalcanti, M. Briel, M.O. Meade, Q. Zhou, R.G. Brower, P. Sinha, B. Bartek, C.S. Calfee, A. Mercat, J-C. Richard, L. Brochard, A. Serpa Neto, C. Hodgson, E.N. Baedorf-Kassis, D. Talmor, D. Gommers, M.E. Van Genderen, M.J.T. Reinders

Context-Aware Concept Bottleneck Models: Integrating LLM Insights for Enhanced ARDS Identification
Dominic Marshall (London, United Kingdom), Anish Narain, Ritam Majumdar, Nikita Narayanan, Matthieu Komorowski, Sonali Parbhoo

A novel SP-B/SP-C fusion peptide surfactant improves lung function and resists inactivation in experimental RDS
Pavol Mikolka (Martin, Slovakia), Maros Kolomaznik, Petra Kosutova, Nina Kronqvist, Jan Johansson, Andrea Calkovska

Spatial Metabonomics and transcriptome study reveals metabolic heterogeneity in lung injury
Ruoyi Shen (Beijing, China), Qinyuan Zhan, Jingen Xia

A prospective analysis of two novel mortality prediction scores among hypoxemic adults in sub-Saharan Africa
Swati Goel (San Francisco, United States), Theogene Twagirumugabe, Letizia Trevisi, Doris Uwamahoro, Stephen Gordon, Peter Oduor, George Otieno, Jeanine Condo, Elisabeth Riviello

BAP-65 and CURB-65 scores in exacerbations of COPD admitted to ICU
Matthew Donnan (Melbourne, Australia), Jonathan Pham, Aashima Juneja, David Pilcher, Eli Dabscheck

A Deep Learning-Based Prediction Model for Mortality in Severe COVID-19 Patients: A Multi-Center Registry Analysis in Korea
Chang-Seok Yoon (Gwangju, Republic of Korea), Kang-Moon Park, Tae-Ok Kim

A 12-Protein-Based Prognostic Prediction Model for ARDS
Ruoyi Shen (Beijing, China), Jingen Xia, Qingyuan Zhan

Quantitative CT chest (QCT) in covid ards (CARDS) vs non-covid pneumonia ards (nCARDS-pn).
Federica Longo (Monza, Italy), Pierfranco Usai, Stefania Raschi, Martina Piluso, Luca Parachini, Chiara Melacini, Claudio Macaluso, Ludovico Lanfranchi, Francesca D'Arcangelo, Roberta Cattaneo, Cristiano Bonacina, Monica Bernareggi, Serena Bencini, Alessandro Guerrieri, Paolo Scarpazza

Acquired von Willebrand syndrome in patients undergoing VV-ECMO
Esther Dreier (Regensburg, Germany), Matthias Lubnow, Alexander Dietl, Clemens Wiest, Roland Schneckenpointner, Maik Foltan, Alois Philipp, Dirk Lunz, Lars Maier, Thomas Müller, Christoph Fisser

Exploring time-varying corticosteroid effects in ARDS via augmented inverse probability weighting analysis
Dominic Marshall (London, United Kingdom), Matthieu Komorowski, David Antcliffe, Sonali Parbhoo

Risk factors for mortality and IMV/ECMO in US patients hospitalized for viral LRTD
Ekaterina Maslova (Reading, United Kingdom), Malin Fagerås, Sue Johnson, Gopal Dalal, Hashmath Ulla Syed, Srishti Mishra, Hayley D Germack, Andrew Lee, Sayan Chakraborty, Joanna Mcpeake, Nadir Yehya

Impact of tracheostomy on ICU stay in adult patients with ARDS: a systematic review
Veronica Rossi (Milan, Italy), Filippo Binda, Claudio Cordani, Federica Marelli, Serena Tammaro, Sabrina Colombo, Alice Fantini, Annalisa Carlucci, Giacomo Grasselli

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Tocilizumab Efficacy Across Inflammatory Subphenotypes in COVID-19 related ARDS (on behalf of the PANTHER CRC)
Daan Filippini (Amsterdam, Netherlands), Jessica Khyali, Malou Janssen, Emma Rademaker, Olaf Cremer, Tom Van Der Poll, Rombout Van Amstel, Henrik Endeman, Lieuwe Bos

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16-Year Analysis of Elderly Patients Followed in Intensive Care Unit with Acute Respiratory Failure: Restrospective Cohort Study
Sinem Gungor (Istanbul, Turkey), Zuhal Karakurt, Nalan Adiguzel, Cuneyt Salturk, Ozlem Yazicioglu Mocin, Baris Yilmaz, Insa Gul Ekiz Iscanli, Gul Erdal Donmez, Huriye Berk Takir, Feyza Kargin, Eylem Tuncay, Cemile Altin, Meltem Agca, Aysegul Berk, Duygu Vezir, Gokay Gungor

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Annual variation in intensive care mortality of women with acute respiratory failure: A 11-year cohort study
Sinem Gungor (Istanbul, Turkey), Ozlem Yazicioglu Mocin, Zuhal Karakurt, Gul Erdal Donmez, Baris Yilmaz, Eylem Tuncay, Cuneyt Salturk, Insa Gul Ekiz Iscanli, Cemile Altin, Aysegul Berk, Meltem Agca, Duygu Vezir, Feyza Kargin, Huriye Berk Takir, Nalan Adiguzel, Gokay Gungor

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PS-30 Session 08:00 - 09:30

Poster session: Bronchiectasis: precision approaches and complex phenotypes

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Epidemiology Cell and molecular biology Pulmonary function testing Physiology Public health

Chairs : Kathryn Ramsey (Perth (WA), Australia), Chair to be confirmed

Clinical profile and mutation spectrum of molecularly confirmed patients with Primary Ciliary Dyskinesia
Barney Isaac (Vellore (Tamil Nadu), India), Anitha Barney, Janani Balaji, Devasahayam Christopher, Richa Gupta, Madhan Kumar, Mohan Kamath, Sumita Danda

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Trajectory of lower airway bacterial colonization in patients with primary ciliary dyskinesia
Benoît Douvry (Créteil Cedex, France), Marion Majersdorf, Etienne Audureau, Isabelle Honoré, Celine Delestrain, Pierre-Régis Burgel, Ralph Epaud, Bernard Maitre, Frédéric Schlemmer

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Is CFAP53 a cause of primary ciliary dyskinesia (PCD)?
Gemma Fryatt (Southampton, United Kingdom), Lee Baker, Mary Carroll, Janice Coles, Carolina Jaramillo Oquendo, James Thompson, N. Simon Thomas, Claire Dossett, David Hunt, Diana Baralle, John Holloway, Claire L Jackson, Woolf T Walker, Gabriella Wheway, Jane S Lucas

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Exhaled VOCs to differentiate between genetic variants in patients with PCD
Obbe Sammels (, Netherlands), Joël Israëls, Josje Altenburg, Els Weersink, Eric Haarman, Anke-Hilse Maitland - Van Der Zee, Paul Brinkman

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Characteristics of bronchiectasis patients diagnosed with cystic fibrosis (CF) in adulthood
Colm Kennedy (Newcastle upon Tyne, United Kingdom), Alan Anderson, Aleksandra Duffy, Simon Doe, Carlos Echevarria, Stephen J Bourke

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Phenotype Analysis of Chronic Bronchial Infection Patients on Inhaled Antibiotic Therapy: A Multicentre Retrospective Cohort Study in Spain (INBREATHING Study)
Beatriz Raboso Moreno (Madrid, Spain), Iván D. Benítez, Marta Erro, Javier Burgos, Alicia Sayés, Eduardo José García, Cristina Pou, Rosa Abril Castañón, Annie Navarro, Ane Martínez De Las Fuentes, Joel Suresh Lakhani, Andrea Hernández, Carlos Manzano, Sally Santisteve, Aida Monge, Anna Moncusí-Moix, Anna Sánchez-Cucó, Ana Belén Alcaide, Juan Pablo De Torres, Ferrán Barbé, Guillermo Suárez, David De La Rosa, Jessica González

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Predictors of Inhaled Antibiotic Intolerance in Chronic Bronchial Infection: A Multicenter Study in Spain
Carlos Manzano Senra (Lleida, Spain), Beatriz Raboso, Ivan D Benitez, Esther Gracia, Marta Erro, Javier Burgos, Alicia Sayés, Eduardo José García, Cristina Pou, Rosa Abril Castañon, Annie Navarro, Ane Martínez De Las Fuentes, Joel-Suresh Lakhani, Andrea Hernández, Arturo Morales, Sally Santisteve, Aida Monge, Marcela Suárez, Ana Belén Alcaine, Juan Pablo De Torres, Guillermo Suárez, David De La Rosa, Ferran Barbé, Jessica González

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Automatic bronchus artery and mucus plug analysis of adult bronchiectasis disease patients treated with dornase alfa
Federico Mollica (Rotterdam, Netherlands), Christina Mingora, Caroline Brailsford, Punit Makani, Daan Caudri, Harm Tiddens, Patrick Flume

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Respiratory burden in hematology-related bronchiectasis: clinical characteristics and treatable traits
Ophir Freund (Tel Aviv, Israel), Ori Wand, Yitzhac Hadad, Anne Bergeron, Sabrina Fried, Gidon Pomerantz, Avshalom Shaffer, Keren Cohen-Hagai, Alexandra Osadchy, Dolev Paz, Nevo Barel, Tal Perluk, Odelia Amit, Ron Ram, Amir Bar-Shai

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Twelve weeks treatment of roflumilast in bronchiectasis - Anti-inflammatory effects and clinical benefits
Wang Chun Kwok (Hong Kong, Hong Kong), Kelvin Kai Wang To, James Chung Man Ho

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Utility of Impulse Oscillometry for evaluating pulmonary function in Bronchiectasis
Darshan Kumar Bajaj (Lucknow (Uttar Pradesh), India), Nithish Shankar L, R A S Kushwaha, Surya Kant, Rajiv Garg, Anand Srivastava, Jyoti Bajpai, Ajay Kumar Verma, Santosh Kumar, Ankit Kumar, Richa Tyagi, Nandini Dixit, Neha Kumari

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Pleuroparenchymal fibroelastosis prevalence in bronchiectasis: preliminary data of a multicentre study
Francesca Gonnelli (Ancona, Italy), Chiara Mercanti, Marina Carotti, Claudia Duranti, Federico Mei, Martina Bonifazi

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Preliminary efficacy of Tezepelumab in patients with clinically significant bronchiectasis and severe asthma An Italian multicentric observational study
Giacomo Maruca (Rozzano, Italy), Mirta Cavallini, Gianfranco Alicandro, Andrea Mastrototaro, Gianluca Imeri, Dejan Radovanovic, Elena Parazzini, Diego Bagnasco, Marco Caminati, Andrea Gramegna, Francesco Blasi

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Addressing the clinical heterogeneity of bronchiectasis exacerbations: a multicentre, cross-sectional study.
Angela Tramontano (Maddaloni, Italy), Mattia Nigro, Edoardo Simonetta, Paola Scarano, Alessandro De Angelis, Veronica Polelli, Giacomo Barzaghi, Salvatore Battaglia, Martina Bonifazi, Raffaele Campisi, Elisiana Carpagnano, Marianna Cicchetti, Vittoria Comellini, Valentina Conio, Claudia Crimi, Claudia Duranti, Paola Faverio, Donato Lacedonia, Martina Lo Casto, Martina Marchello, Lucrezia Pisanu, Michela Salvemini, Mariarosaria Vulpi, Francesco Blasi, Matteo Bonini, Paolo Palange, Stefano Aliberti

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Correlation between chest CT features and clinical and biological data in patients with bronchiectasis
Soumaya Debiche (Le Kram, Tunisia), Hela Cherif, Mehdi Charfi, Mokaddem Salma, Tayssir Bachta, Ferdaous Yangui, Mohamed Ridha Charfi

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Gastro-oesophageal reflux disease influences disease severity in non-cystic fibrosis bronchiectasis patients without asthma
Salvatore Battaglia (Palermo (PA), Italy), Giuseppina Angileri, Anna Lo Pilato, Alessia Vita, Martina Lo Casto, Pietro Ingrao, Stefania Marino, Nicola Scichilone

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Role of Pseudomonas Aeruginosa Mucoid and Non-Mucoid Phenotypes in Bronchiectasis: A Descriptive Study.
waail boubekri (Madrid, Spain), Oscar Cuevas Lobato, Beatriz Raboso Moreno, María Conejero Merchán, Alejandro García García, Jorge Mora Pinilla, Sonia Pascual García

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Adjudication of pulmonary exacerbations in bronchiectasis using the EMBARC consensus exacerbation criteria: data from the CLEAR Trial
Brenda O'Neill (Co. Antrim (Northern Ireland), United Kingdom), Rohan Anand, Andrew Jackson, Jeremy Brown, Frances Butler, Lorcan Mcgarvey, Cecilia O'Kane, Mike Clarke, Danny Mcauley, Adam Hill, Anthony De-Soyza, James D Chalmers, Stuart Elborn, Judy M Bradley

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Targeting hemoptysis in bronchiectasis: exploring treatable traits
Lê Quốc Khánh Trần (Hồ Chí Minh, Vietnam), Lam Nguyen-Ho, Nam Vu-Hoai, Hayoung Choi, Ngoc Tran-Van

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Prevalence and characterization of pulmonary manifestations in inflammatory bowel diseases (IBDs).
Chiara Contin (Padova, Italy), Giorgio Vecchio, Umberto Semenzato, Giacomo Giulianelli, Ylenia Padrin, Matilde Ferraro, Brigida Barberio, Fabiana Zingone, Elisabetta Balestro, Edoardo Savarino, Paolo Spagnolo, Elisabetta Cocconcelli

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PS-38 Session 08:00 - 09:30

Poster session: Chronic thromboembolic pulmonary hypertension: new pathogenic mechanisms and treatment approaches

Disease(s) : Pulmonary vascular diseases

Method(s) : Endoscopy and interventional pulmonology Surgery General respiratory patient care Imaging Epidemiology Pulmonary function testing Physiology Pulmonary rehabilitation Cell and molecular biology Public health

Chairs : Robin Condliffe (Sheffield (South Yorkshire), United Kingdom), Luai Khalaili (Haifa, Israel)

Artificial intelligence in detecting and quantifying thrombotic burden compared to manual analysis using CTPA
Lojain Abdulaal (Sheffield, United Kingdom), Michael Sharkey, Krit Dwivedi, Smitha Rajaram, Samer Alabed, Mahan Salehi, Alexander Rothman, Robin Condliffe, David Kiely, Andrew Swift

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The frequency of thyroid disease and treatment in chronic thromboembolic pulmonary hypertension and their effect on outcomes
Derya Kocakaya (Istanbul, Turkey), Hüseyin Arikan, Sehnaz Olgun Yıldızeli, Halil Atas, Bulent Mutlu, Nuri Cagatay Cimsit, Sait Karakurt, Bedrettin Yildizeli

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Assessing pulmonary endarterectomy response in CTEPH with CTPA imaging biomarkers
Xiaohui Ma (Auckland, New Zealand), Prashanna Khwaounjoo, Behdad Shaarbaf Ebrahimi, Finbar Argus, Martyn Nash, Tim Joseph, David Kaye, Atsuo Doi, David Mcgiffin, Merryn Tawhai, Ho-Fung Chan

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Bleeding under anticoagulant therapy in patients with pulmonary arterial hypertension or chronic thromboembolic pulmonary hypertension: incidence and prognostic impact, data from the HEMA-HTP study.
Laurent Bertoletti (Saint Etienne Cedex, France), Hélène Bouvaist, Julie Traclet, Romain Trésorier, Sandrine Accassat, Souad Bezzeghoud, Céline Chapelle, Claire Dauphin, Carine Labruyère, Nicolas Piliero, Vincent Cottin, Géraldine Poenou

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Anticoagulant treatment and survival in patients with pulmonary arterial hypertension: data from the French PH registry and meta-analysis of contemporary prospective studies
Laurent Bertoletti (Saint Etienne Cedex, France), Jean Escal, Athénaïs Boucly, Ségolène Turquier, Mitja Jevnikar, Nicolas Lamblin, Souad Bezzeghoud, Céline Chapelle, Xavier Delavenne, Laurent Savale, Marc Humbert, David Montani, Olivier Sitbon, Xavier Jais

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Dysregulation of Immune Cells and Platelet-Monocyte Aggregates in Chronic Thromboembolic Pulmonary Hypertension
Lu Sun (Beijing, China), Haobo Li, Xincheng Li, Yuhan Li, Min Liu, Shiqing Xu, Peiran Yang, Zhenguo Zhai

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Pulmonary hypertension targeted therapies in patients with operable chronic thromboembolic pulmonary hypertension: USA referral center analysis
Barbara Teixeira (Lisboa, Portugal), Jenny Z. Yang, Mona Alotaibi, Demosthenes G. Papamatheakis, David S. Poch, Timothy M. Fernandes, Kim M. Kerr, Angela Bautista, Victor G. Pretorius, Michael M. Madani, Nick H. Kim

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MCP-1/CCR2 signaling mediates CD16+ monocyte-driven thrombus fibrosis in Chronic Thromboembolic Pulmonary Hypertension
Maohe Chen (Fuzhou, China), Hanbin Lin, Xingyue Lai, Chaosheng Deng

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The role of medical therapy before and after balloon pulmonary angioplasty: CTEPH AC registry across Japan
Yu Taniguchi (Kobe, Japan), Miki Sakamoto, Kohei Masaki, Kazuya Hosokawa, Shiro Adachi, Takumi Inami, Jun Yamashita, Hitoshi Ogino, Masaru Hatano, Ichizo Tsujino, Nobihiro Yaoita, Nobutaka Ikeda, Hiroto Shimokawahara, Nobuhiro Tanabe, Kayoko Kubota, Ayako Shigeta, Yoshihiro Ogihara, Koshin Horimoto, Yoshihiro Dohi, Takahito Hiraide, Takeshi Kawakami, Yuichi Tamura, Yoshihiro Fukumoto, Kohtaro Abe

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Balloon Pulmonary Angioplasty in Sickle Cell Disease with Chronic Thromboembolic Pulmonary Hypertension
Mitja Jevnikar (Paris, France), Sarah Macisaac, Philippe Brenot, Christelle Chantalat, Yoichi Sugiyama, David Montani, Anne Roche, Athenais Boucly, Andrei Seferian, Sophie Bulifon, Olivier Sitbon, Marc Humbert, Xavier Jais, Laurent Savale

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Assessment of fractional exhaled nitric oxide following balloon pulmonary angioplasty for patients with inoperable chronic thromboembolic pulmonary hypertension
Jie Wang (, China), Jianhua Xu, Tianran Zhou

Cardiac phenotyping in response to PEA vs BPA
Tamara Rodenburg (Amsterdam, Netherlands), Satoshi Higuchi, Natalia Braams, Azar Kianzad, Esther Nossent, Frances Handoko-De Man, Jurjan Aman, Anton Vonk Noordegraaf, Lilian Meijboom, Harm Jan Bogaard

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Survey of treatment approaches in the TEAM registry
Joanna Pepke-Zaba (Cambridge, United Kingdom), Elie Fadel, Xavier Jais, David Jenkins, Irene Lang, Michael M. Madani, Hiromi Matsubara, Gerald Simonneau, Christoph Wiedenroth, Marion Delcroix, Nick H. Kim

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Safety and efficacy of percutaneous pulmonary angioplasty for the treatment of chronic thromboembolic pulmonary hypertension in a low-population country
Frédéric Lador (Genève, Switzerland), Nathaniel Angel, Stéphane Noble, Léon Genecand, Jean-François Deux, Anne-Lise Hachulla

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Balloon pulmonary angioplasty complications and pulmonary hemodynamic thresholds.
Barbara Teixeira (Lisboa, Portugal), Cze Ci Chan, Jenny Z. Yang, Mona Alotaibi, Demosthenes G. Papamatheakis, David S. Poch, Timothy M. Fernandes, Kim M. Kerr, Angela Bautista, Lawrence Ang, Ehtisham Mahmud, Nick H. Kim

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Balloon pulmonary angioplasty combined with rehabilitation for chronic thromboembolic pulmonary hypertension patient post pulmonary endarterectomy without residual pulmonary hypertension
Zhihui Fu (Beijing, China), Zhenguo Zhai

Chronic Thromboembolic Pulmonary Hypertension Associated with Venous Thoracic Outlet Syndrome
Mitja Jevnikar (Paris, France), Mithum Kularatne, Philippe Brenot, Yoichi Sugiyama, Samuel Dolidon, David Montani, Laurent Savale, Athenais Boucly, Anne Roche, Olivier Sitbon, Olaf Mercier, Elie Fadel, Marc Humbert, Xavier Jais

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Surgical outcomes in pulmonary hypertension – a single centre study
William Kerrigan (London, United Kingdom), Jamie Ingram, Stephanie Lua, Melanie Brewis, Martin Johnson, Colin Church

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The effect of high altitude (2500 m) on right heart function during exercise in patients with pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. A randomized controlled crossover trial.
Julian Müller (Zürich, Switzerland), Laura Mayer, Simon R. Schneider, Meret Bauer, Michael Furian, Konrad E. Bloch, Esther I. Schwarz, Mona Lichtblau, Silvia Ulrich

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Tolerability and pharmacokinetics of inhaled liposomal iloprost in healthy adults show its potential of treating CTEPH
Pei Kan (Taipei, Taiwan), Ko-Jie Chen, Shin-Shin Chuang

PS-12 Session 08:00 - 09:30

Poster session: Airway disease exacerbations under the microscope

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Pulmonary function testing Cell and molecular biology Respiratory intensive care General respiratory patient care Public health

Chairs : Sanjay Ramakrishnan (Nedlands, Australia)

Evaluation of Exacerbation Severity in Patients with COPD Exacerbations According to the GOLD 2023 Report: Prospective, Multicenter, Real-Life Study
Halil Ibrahim Yakar (Tokat, Turkey), Gülistan Karadeniz, Tevfik Ozlu, Akın Kaya, Erdogan Cetinkaya, Tarkan Ozdemir, Umran Toru Erbay, Ozlem Sengoren Dikis, Dildar Duman, Osman Demir, Gökhan Aykun, Sedef Sule Bozkır, Sebnem Emine Parspur, Melike Demir, Murat Kavas, Utku Tapan, Handan Inonu Koseoglu, Ahmet Cemal Pazarlı, Burcu Babaoğlu Elkhatroushi, Hüseyin Yıldırım, Deniz Dogan Mulazımoglu, Ensar Cihat Emiroğlu, Zeynep Betul Ozcan, Irem Aras

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Assessing the Feasibility of pMDI and Jet Nebulization for Bronchodilator Delivery in AECOPD Patients on NIV: A Randomized Pilot Trial
Vishal Raj (Panipat, India), Dhruva Chaudhry, Pawan Kumar Singh, Anchal Jain, Aman Ahuja, Jyothi Geetha Mohankumar

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Effect of add-on doxofylline on symptom improvement in severe COPD exacerbation: a randomized controlled trial
Nathaorn Phuangsombut (Pathum Thani, Thailand), Pitchayapa Ruchiwit

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Patients with COPD prioritise chronic symptoms and functional impact as key outcomes in exacerbation trials
Sachin Ananth (London, United Kingdom), Fekri Abroug, Alvar Agusti, Per Bakke, Konstantinos Bartziokas, Bianca Beghe, Andras Bikov, Thomas Bradbury, Guy Brusselle, Cordula Cadus, Courtney Coleman, Marco Contoli, Alexandru Corlateanu, Olga Corlateanu, Gerard J. Criner, Balazs Csoma, Alexander Emelyanov, Rosa Faner, Gustavo Fernandez Romero, Zeineb Hammouda, Peter Horváth, Arturo Huerta Garcia, Michael Jacobs, Christine Jenkins, Guy Joos, Olga Kharevich, Konstantinos Kostikas, Elena Lapteva, Zsofia Lazar, Joerg D. Leuppi, Carol Liddle, John Linnell, Alejandra López-Giraldo, Vanessa M. Mcdonald, Rune Nielsen, Alberto Papi, Isabel Saraiva, Galina Sergeeva, Agni Sioutkou, Pradeesh Sivapalan, Elizabeth Stovold, Hao Wang, Fuqiang Wen, Janelle Yorke, Paula R. Williamson, Jørgen Vestbo, Jens-Ulrik Jensen, Alexander G. Mathioudakis

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Association between inhaled corticosteroids and mortality in critically ill patients with AECOPD: an analysis of two observational cohorts
Hai-Yun Dai (Chongqing, China), Ming-Jin Yang, Tian-Yang Hu, Yan Zhang, Wei He, Hong-Li Xia, Jing Zeng, Xin-Yue Duan, Sin Don

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Antibiotics in exacerbations of COPD: does current practice underline the need for a personalised approach?
Niall O'Rourke (Dublin, Ireland), Éadaoin Kinsella, Sophie Coalter, Sadhbh O'Neill, Éilis Johnson, Marissa O'Callaghan, Laura Gleeson

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Multidimensional classification for severity of exacerbations of COPD: The COPD Exacerbation BAT (Baseline, Acuity, and Trigger) conceptual model
Hnin Aung (Leicester, United Kingdom), Kristina Vermeersch, Hamish J.C. Mcauley, Sanjay Ramakrishnan, Mustafa Abdo, Amber Beersaerts, Steven P Cass, Iwein Gyselinck, Hendrik Pott, Thomas J.C Ward, Adam Wright, Christopher E Brightling, Pierre-Régis Burgel, Marco Contoli, Frits M.E. Franssen, Arturo Huerta, Jennifer K Quint, Bernd Schmeck, Lowie E.G.W Vanfleteren, Benjamin Waschki, Henrik Watz, Mona Bafadhel, Wim Janssens, Neil J Greening, .. On Behalf Of Cicero Consortium

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Patterns of corticosteroid use in acute exacerbations of severe asthma
Dennis Thomas (New Lambton Heights, Australia), Vanessa Mcdonald, Erin Harvey, Peter Gibson

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Pulmonary artery to aorta diameter ratio as a predicting marker of cardiovascular events in COPD
Masataka Hirai (Kyoto, Japan), Satoshi Marumo, Hiro Ikeda, Tsuyoshi Sasada, Daiki Inoue, Motonari Fukui

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Steroid-induced hyperglycaemia in exacerbations of COPD: supporting the case for blood eosinophil-directed treatment (BET)?
Niall O'Rourke (Dublin, Ireland), Sophie Coalter, Éadaoin Kinsella, Sadhbh O'Neill, Éilis Johnson, Marissa O'Callaghan, Laura Gleeson

Severe Asthma Exacerbation in the ICU: Our Experience at Hospital Clínic de Barcelona.
Marina Paredes (Barcelona, Spain), Jeisson Osorio, Elena Rodríguez, Héctor Enrique Cedillo, Alberto Garcia, Jorge Moisés, Albert Riudor, Núria Albacar, Florencia Pilia, César Picado, Iñigo Ojanguren, Ebymar Arismendi

Real-world effectiveness of antibiotics in addition to oral corticosteroids for managing asthma exacerbations in adults
Irene Mommers (Groningen, Netherlands), Sumaira Mubarik, Job Van Boven, Jens Bos, Maarten Bijlsma, Eelko Hak

Characterizing exacerbations in severe asthma patients treated with tezepelumab
Faizan Haris (London, United Kingdom), Raphael Birch, Emily Comins, Jessica Gates, Francesca Cefaloni, Paniz Khooshemehri, Linda Green, Mariana Fernandes, Louise Thomson, Cris Roxas, Jodie Lam, Grainne D'Ancona, Alexandra M Nanzer, Jaideep Dhariwal, David J Jackson

Ketoprofen Lysinate counteracts cigarette smoke effects in a model of airways viral infection
Maria Ferraro (Palermo (PA), Italy), Serena Di Vincenzo, Paola Pinto, Elisabetta Pace

Global differences in the epidemiology and exacerbations among patients with moderate-to-severe asthma
Jeremiah Hwee (Mississauga, Canada), Justin Kwiatek, Anna Vichiendilokkul, Rafael Alfonso-Cristancho, Dominic Igbelina

Systemic EP4 agonist and Ariginase 1 therapy in influenza virus-induced asthma exacerbation
Saeed Kolahian (Marburg, Germany), Tim Lange, Tobias Brunn, Charlotte Vetter, Konstantin Bloch, Nora Vedder, Chiel Van Geffen, Philipp Gercke

Comparison of nebulized long-acting muscarinic antagonist (LAMA) revefenacin to short acting muscarinic antagonist (SAMA) ipratropium in COPD patients with acute respiratory failure requiring mechanical ventilation
Joanne Bando (Santa Monica, United States), Matthew Dartt, D'Mitri Champion, Roberto Mempin, Yongyus Dejsatha, Joseph Van Vleet, Steven Chang, Oscar Estrada, Timothy Young, Russell Buhr, Donald Tashkin, Igor Barjaktarevic

Cardiovascular events and pharmacological treatment patterns in patients with severe COPD exacerbations: A US payer perspective
Ernesto Mayen (Cambridge, United States), Michael A Head, Nella Bieszk, Raven A Perez, Chia-Chen Teng, Taylor Tassoul, Vincent Willey

Cost effectiveness of treating eosinophilic exacerbations of asthma and COPD with benralizumab: health economic analysis of the ABRA trial
Sanjay Ramakrishnan (Nedlands, Australia), Stefan Peterson, Thomas Bengtsson, Richard Russell, Mona Bafadhel

Expanded High Risk COPD Exacerbation Inclusion Criteria in a COPD Trial
João Ferreira (Matosinhos e Leça da Palmeira, Portugal), Mohd Nubli Mustapa, Enti Spata, Jason Cooper, Mike Aylott, Jo Jerman, Wayne Brailsford, Christina Keen, Daniel Windgassen, Maria G. Belvisi, Rod Hughes

PS-17 Session 08:00 - 09:30

Poster session: Chronic cough

Disease(s) : Airway diseases

Method(s) : Epidemiology Endoscopy and interventional pulmonology General respiratory patient care Physiology Pulmonary function testing

Chairs : Chair to be confirmed

Automated Cough Counting Algorithm for Chronic Cough: Accelerating Clinical Development
João Ferreira (Matosinhos e Leça da Palmeira, Portugal), Olga Slizovskaia, Xavier Favory, Dino Oglic, Zach Brohawn, Jacky Smith, Philip Teare, Maria G. Belvisi

Numerical rating scale in chronic cough
Katie Rhatigan (Denmark Hill, United Kingdom), Ewan C Mackay, Ewan C Mackay, Richard D Turner, Richard D Turner, Caroline J Jolley, Caroline J Jolley, Katherine J Myall, Katherine J Myall, James H Hull, Surinder S Birring, Surinder S Birring, Peter S P Cho, Peter S P Cho

Validation of a new automated cough monitoring device: results of a pilot study
Nuno Neuparth (, Portugal), Pedro Carreiro-Martins, Iolanda Caires, Paula Leiria-Pinto, Gonçalo Cordeiro-Ferreira, Luís Novais, Ricardo Afonso

Trajectories of chronic cough in older adults and their associations with airway diseases
Sebastian Riemann (Ghent, Belgium), Yiannis De Meersman, Arfan M. Ikram, Guy Brusselle

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Experimentally evoked sensations in Refractory Chronic Cough
Jenny King (Manchester (Greater Manchester), United Kingdom), Bashar Alsheklly, James Wingfield Digby, Shannon Galgani, Rachel Dockry, Kimberly Holt, Joanne Mitchell, Paul Marsden, Jaclyn Smith

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Risk Factors for Cough Syncope: The Role of Refractory Chronic Cough and Obesity
Jiung Jeong (Daegu, Republic of Korea), Woo-Jung Song

Generalizability of Randomised Controlled Trial Eligibility Criteria in Refractory Chronic Cough
Mustafaa Wahab (Hamilton, Canada), Elena Kum, Danica Brister, Nermin Diab, Wafa Hassan, Caitlin Obminski, Jennifer Wattie, Lesley Wiltshire, Karen Howie, Sue Beaudin, Kieran Killian, Kimberly Holt, Jacky Smith, Roma Sehmi, Gail Gauvreau, Paul O'Byrne, Imran Satia

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Diagnostic Pathway in Chronic Cough: A Qualitative Study of Patient Experience
Ewan Mackay (London, United Kingdom), Katherine Rhatigan, Richard D Turner, Caroline J Jolley, Katherine J Myall, James H Hull, Surinder S Birring, Peter S P Cho

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Automated cough identification in chronic cough from real-world recordings by a custom machine learning algorithm
Tom deLaubenfels (Marietta, United States), Richard Powers, Jason Kroh, Adrian Marinovich

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Objectively quantifying the burden of cough bouts in chronic and subacute cough
Tom deLaubenfels (Marietta, United States), Richard Powers, Jason Kroh, Adrian Marinovich, Allison Sees

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Chronic bronchitis risk factors and outcomes in a multinational cohort
Nicole Robertson (Baltimore, United States), Mingling Yang, Arun Sharma, Santa Das, Bruce Kirenga, Patricia Alupo, Trishul Siddharthan, Suzanne Pollard, Oscar Flores-Flores, John Hurst, Robert Wise, William Checkley

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Effectiveness of non-pharmacological approaches in the management of refractory chronic cough: a systematic review and meta-analysis of clinical trials
Ahmad AlKayyat (Amman, Jordan), Fares Qtaishat, Mohammad-Amer A. Tamimi, Bara M. Hammadeh, Adham Musa

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Chronic Cough: Clinical and Treatment Practice Features
Silam Yesilyurt (Ankara, Turkey), Ahmet Ugur Demir, Ebru Damadoglu, Ali Fuat Kalyoncu

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Comparison of statistical methods for analyzing cough frequency in a trial of refractory chronic cough
Elena Kum (Hamilton, Canada), Nermin Diab, Danica Brister, Mustafaa Wahab, Wafa Hassan, Kimberley Holt, Jaclyn Smith, Paul O'Byrne, Gregory Pond, Imran Satia

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Oscillometry Parameters of a Patient Cohort Evaluated in a Tertiary Center
Ivan Cherrez-Ojeda (Guayaquil, Ecuador), Juan Calderón Soriano, Jorge Salgado, Gabriela Rodas-Valero, Karla Robles-Velasco, Sebastian Pacheco, Ronald Dandurand

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Correlations between patient-reported outcomes and objective cough frequency: insights from longitudinal monitoring using a novel digital device
Julia Gomez Camblor (San Francisco, United States), Mitja Alge, Jacob Devine, Paula Belloni, Alexander Duschau-Wicke

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Azithromycin and continuous cough monitoring: an open-label trial
Dominic Sykes (Hull, United Kingdom), Kayleigh Brindle, Rohan Menon, Simon P Hart, Jennifer Nielsen, Mengru Zhang, Warren Jackson, John Gallagher, Elisabeth Kirton, Alyn H Morice, Michael G Crooks, Mindaugas Galvosas, Peter Small, Matthew Rudd, Lola Jover

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Assessment of fractional exhaled nitric oxide (FeNO) knowledge and usage across LATAM countries
Ireri Isadora Thirion Romero (Coyoacan, Mexico), Gustavo I Centeno-Saenz, Ivan Cherrez-Ojeda, Rodrigo Torres-Castro, Rodrigo Del Rio-Hidalgo, Wilmer Madrid-Mejía

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Double-blind crossover randomised controlled trial of inhalation challenge in assessment of inducible laryngeal obstruction (ILO)
Jemma Haines (Wilmslow (Cheshire), United Kingdom), Maria G Belvisi, Eric C Dubuis, Rachel J Dockry, Kim Holt, Janelle Yorke, Stephen J Fowler, Jacky A Smith

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Validation of a cough-based alert system for COPD exacerbations
Alyn Morice (Cottingham, United Kingdom), Mike Crooks, Susannah Thackray-Nocera, Okke Ouweltjes, Ronald Rietman, Albertus Den Brinker

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PS-1 Session 08:00 - 09:30

Poster session: Comprehensive approaches to COPD: risk, treatment and outcomes

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Public health Pulmonary function testing General respiratory patient care Epidemiology Imaging

What people with COPD are offered a switch to lower carbon inhaler device and who is more likely to succeed in switching?
Laura Piggott (Dublin, Ireland), Emma Mcnally, Anna Francis, Andrew Cumella, Samantha Walker, Brian Kent, Grainne D'Ancona

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DRY POWDER INHALERS (DPIs) AS AN ALTERNATIVE TO PRESSURISED METERED DOSE INHALERS (pMDIs) WITH SPACER IN COPD
José Luis Izquierdo Alonso (Guadalajara, Spain), José Miguel Gonzalez Moro, Mariam De La Poza Abad, Krasimira Baynova, Francisco Javier Álvarez Gutierrez

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Erectile dysfunction and testosterone deficiency in COPD: associations with disease severity and symptoms
Ane Lopez Gonzalez (Barcelona, Spain), Cristina Aljama, Galo Granados, Beatriz Abascal, Carlos Amado Diago, Eva Cabrera, Antonia Ocaña Padilla, Alicia Marín Tapia, Laura Rodríguez Pons, Elsa Naval, Rosa Malo De Molina, Alexa Nuñez Dubon, Miriam Barrecheguren, Marc Miravitlles, Cristina Esquinas

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Systemic Immune-Inflammation Index in predicting COPD exacerbation risk could it be a new marker?: preliminary study results
Ozlem Sengoren Dikis (Mugla, Turkey), Ceren Cekeli Degirmenci, Sabri Serhan Olcay, Fulden Cantas, Hacer Aybike Toptaş, Utku Tapan, Fatih Alasan, Ozge Oral Tapan

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Impact of COPD Quality Improvement Program on improving guideline compliance in China
Kai Yang (Shenzhen, China), Dandan Chen, Fengyan Wang, Xianyong Zheng, Liying Pan, Xiangqi Chen, Hongying Yang, Lingwei Wang, Rongchang Chen

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Distribution of patient candidates for BLVR based on the presence of bilateral heterogenous or homogenous emphysema patterns on HRCT
Ahmad Raza (Philadelphia, United States), Nathaniel Marchetti, Jiji Thomas, Nicole Patlakh, Gerard Criner

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Comparison of Clinical Characteristics of Stable COPD Patients According to Taxonomy: Preliminary Results of the Study
Ozlem Sengoren Dikis (Mugla, Turkey), Irem Altan, Fatih Alasan, Fulden Candas Turkis

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The impact of sodium-glucose co-transporter-2 inhibitors on the prognosis of chronic obstructive pulmonary disease.
Kuang-Ming Liao (Tainan, Taiwan), Jheng-Yan Wu, Chih-Cheng Lai

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Variation in eligibility criteria in clinical trials of lung volume reduction surgery and endobronchial valves: a systematic review
Ebtihal Alharbi (LEICESTER, United Kingdom), Hnin Aung, Michael Steiner, Neil Greening, Thomas Ward

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Effect of evening vs. morning LAMA administration on risk of ICU admission in COPD patients according to adherence to administration timing: A Sub-Study of LAMA BY NIGHT
Jens-Ulrik Stæhr Jensen (København Ø, Denmark), Pradeesh Sivapalan, Anna Kubel Vognsen, Valdemar Rømer, Niklas Dyrby Johansen, Alexander G. Mathioudakis, John R. Hurst, Manan Pareek, Tor Biering-Sørensen

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Severe Alpha-1 antitrypsin deficiency detected via Family Screening— Are never-smokers disease-free?
Suzanne Roche (Dublin, Ireland), Daniel Fraughen, Malcolm Herron, Caitriona Breathnach, Emma Farrell, Sean Landers, Eamon Mullen, Ronan Heeney, Anne Marie O'Dowd, Rosaleen Carroll, Lucie Kirwan, Rebecca Fitzgerald, Emma Leacy, Mark Murphy, Almas Merchant, Karin Schmid-Scherzer, Florian Vafai-Tabrizi, Georg-Christian Funk, Noriane Sievi, Christian Clarenbach, Cedric Gunaratnam, Tomás Carroll, Noel Gerard Mcelvaney

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Fatigue in COPD: A Multidimensional Perspective
Zjala Ebadi (Groesbeek, Netherlands), Yvonne Goërtz, Maarten Van Herck, Marc Delsing, Chris Burtin, Bram Van Den Borst, Melissa Thong, Erik Bischoff, Jean Muris, Judith Prins, Michel Van Den Heuvel, Emiel Wouters, Daisy Janssen, Martijn Spruit, Jeannette Peters, Jan Vercoulen

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The cross-sectional area of erector spinae muscles is a predictor for 5-year all-cause mortality of COPD patients
Ming Zhang (Xi'an, China), Jin Liu, Yuer Li, Shaobo Ge

The assessment of the risk of exacerbations in patients with COPD
Olga Corlateanu (Chisinau, Republic of Moldova), Alexandru Corlateanu, Sergiu Matcovschi

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The Frequency Of Exacerbations In Elderly Patients With COPD And Their Nutritional Status: A Multicenter Study
Ceren Cekeli Degirmenci (Ankara, Turkey), Ozge Oral Tapan, Maide Gozde Inam, Aytekin Idikut, Sılam Yesilyurt, Fatih Tekin, Şerife Nur Ozturk, Muge Gencer Tuluy, Ugur Fidan, Seyma Tunc, Nazlı Cetin Beyaz, Neslihan Kose Kabil, Zeynep Yılmaz Kaya

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Relationship between transforming growth factor beta 1 (TGF beta 1) level and severity of dyspnea in stable COPD patients
Daria Koval (Dnipro, Ukraine)

Comparison of STAR and GOLD in assessing disease severity among high-risk and COPD patients: evidence from Enjoying Breathing Program in China.
xingyao Tang (Beijing, China), Ke Huang, Wei Li, Minghui Shi, Jisong Yan, Yaodie Peng, Ting Yang

Nutritional factors in the survival of COPD patients with hospital admission due to exacerbations
Marcos Zuil Martin (Zaragoza, Spain), Beatriz Borao, Berta Mañas, Miguel Ángel Santolaria, Patricia Torres, María José Planas, Ana Cristina Sanjoaquín, Antonio Sebastián

Burden, characteristics and outcomes of COPD patients experiencing moderate or severe exacerbations on triple therapy (ANTLIA NOVELTY)
Hana Müllerová (Cambridge, United Kingdom), Xiaomeng Ma, Helen Reddel, Rosa Faner, Maarten Van Den Berge, Stephanie Christenson, Henrik Watz, João André Alves, Amit Parulekar, Sherri So, Alberto Papi

Prevalence of poor appetite in people with COPD and relationship with clinical outcomes
Timothy O Jenkins (London, United Kingdom), Sofigaa Surendra, George Edwards, Karen Ingram, William Man

PS-2 Session 08:00 - 09:30

Poster session: Moving more: physical activity and lifestyle in chronic lung disease

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Pulmonary rehabilitation Pulmonary function testing Cell and molecular biology General respiratory patient care Public health Physiology

Chairs : Stéphanie Saxer (St. Gallen, Switzerland)

One step closer: Which elements of pulmonary rehabilitation (PR) improve physical activity in COPD? Component network meta-analysis
Mark Orme (Leicester, United Kingdom), James Manifield, Lorna Latimer, Enya Daynes, Suzanne Freeman, Sarah Ward, Muhammed Haris, Majda Bakali, Sophie Reap, Mamoon Iqbal, Lin Wang, Akash Mavilakandy, Aarinola Olaiya, Hnin Aung, Theresa Harvey-Dunstan, Maxine Whelan, Sally Singh, Neil Greening, Rachael Evans, Michael Steiner, Alex Sutton, Thomas Ward

Marching to a different beat: validity and reliability of the BeatClearWalker app to support walking exercise using music
Omar Alhothaly (Leicester, United Kingdom), Linzy Houchen-Wolloff, Mark Dunlop, Sally J. Singh, Mark W Orme

Physical activity in adults with severe asthma on-treatment with biological therapies: a one-year retrospective study
Oliver Price (Leeds, United Kingdom), Caroline Reilly, Antonios Stavropoulos-Kalinoglou, Daniel Peckham, Ian Clifton

The experience of pulmonary rehabilitation (PR) lay health workers trained in behaviour change techniques to promote uptake and completion of PR in the IMPROVE trial
Riddhi Daryanani (London, United Kingdom), Gill Gilworth, Rebecca Mackenzie, Benjamin Odin, Natalie King, Jessica Kawalek, Emma Godfrey, Arietta Spinou, Katherine Harris, Simon Lewin, Patrick T White

The relationship between physical activity and exercise capacity in severe asthma
James Manifield (Leicester, United Kingdom), Fiza Akhter, Rachael A Evans, Mark W Orme, Sally J Singh

Intensity is in the eye of the beholder: A qualitative photovoice study of physical activity intensity in COPD
Phoebe H I Lloyd-Evans (Leicester, United Kingdom), Dominic Malcolm, Sally J Singh, Alex V Rowlands, Emma Chaplin, Sarah Ward, Mark W Orme

The relationship between physical activity and exercise capacity in adults after COVID-19: One-Year outcomes post-hospital
Lin Wang (Leicester, United Kingdom), James Manifield, Sally Singh, Claire Lawson, Thomas Yates, Rachael Evans

CHILDREN AND ADOLESCENTS DIAGNOSED WITH CYSTIC FIBROSIS EXHIBIT REDUCED PARTICIPATION IN SCHOOL AND COMMUNITY ACTIVITIES
Fernanda C. Lanza (Belo Horizonte, Brazil), Alexânia Oliveira, Marina Rodrigues, Brenda Villas-Boas, Thayrine Damasceno, Maria Eduarda Martins, Raquel Annoni

Effects of aerobic training versus behavioral intervention to increase physical activity in people with asthma: a RCT
David Halen Araújo Pinheiro (São Paulo, Brazil), Fabiano Francisco De Lima, Ronaldo Aparecido Da Silva, Vitoria Zacarias Cervera, Yan Anderson Pires De Oliveira, Juliana M. B. Santos, Bruhna Schwambach, Cibele Cristine B. Marques Da Silva, Alfredo José Da Fonseca, Nemer Luis Pichara, Regina Maria Carvalho-Pinto, Celso R. F Carvalho

Absolutely, it's all relative: Comparing changes in absolute and relative intensity physical activity (PA) following pulmonary rehabilitation (PR) in low-middle-income countries
Phoebe H I Lloyd-Evans (Leicester, United Kingdom), Alex V Rowlands, Winceslaus Katagira, Akila Jayamaha, Bruce J Kirenga, Savithri Wimalasekera, Pauline Ndagire, Chamilya Perera, Dominic Malcolm, Sally J Singh, Mark W Orme

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A systematic review of adherence to recommended physical activity at home in adults with Chronic Obstructive Pulmonary Disease (COPD) after initial pulmonary rehabilitation
Priyanka Aggarwal (Edinburgh, United Kingdom), Zhong Eric Chen

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The trajectory of cancer-related fatigue throughout lung cancer treatment and its association with physical activity
Francesca Van Hulle (Ledeberg, Belgium), Eva Arents, Kirsten Quadflieg, Sarah Haesevoets, Fien Hermans, Maarten Criel, David Ruttens, Eric Derom, Marc Daenen, Martijn A. Spruit, Veerle Surmont, Dieter Stevens, Chris Burtin, Heleen Demeyer

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Pulmonary Rehabilitation Outcomes in Relation to the Nutritional Status of Patients with Chronic Obstructive Pulmonary Disease
Davorka Mursic (Zagreb, Croatia), Tajana Jalusic Gluncic, Erim Besic, Ivona Markelic, Miroslav Samarzija, Andrea Vukic Dugac

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Assessing lifestyle goal setting in patients with COPD
Charlotte Born (Maastricht, Netherlands), Imke Muijrers, Lieke Van Iersel, Lisanne Schuurman, Rik Crutzen, Sanne Gerards, Sami Simons, Harry Gosker, Ardy Van Helvoort, Annemie Schols, Rosanne Beijers

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What is the impact of a specialist respiratory dietetic outpatient service?
Rasleen Kahai (London, United Kingdom)

A Systematic Review of Physical Activity Guidelines for Adults with Cardiorespiratory Diseases: Stepping Towards Evidence-Based Recommendations
Eda Tonga (Leicester, United Kingdom), Rachael A Evans, Hannah Worboys, Sally J Singh, G. Andre G. Andre Ng, Thomas Yates

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Exploring gut microbial dysbiosis and the effect of prebiotic fibers in COPD
Rosanne J.H.C.G. Beijers (Maastricht, Netherlands), Lieke E.J. Iersel, Sami O. Simons, Lisanne T. Schuurman, Sudarshan A. Shetty, Guus Roeselers, Ardy Van Helvoort, Annemie M.W.J. Schols, Harry R. Gosker

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Understanding COPD mechanisms: An integrative systems medicine approach and insights into pulmonary rehabilitation outcomes
Anupama Dubey (New Delhi, India), Md. Shamim Akhtar, Umesh C.S. Yadav

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Acute effect of whole-body electrical stimulation on femoral blood flow in patients with Heart Failure
Audrey Borghi Silva (São Carlos (SP), Brazil), Patrícia Camargo, Paula Ricci, Flávia Caruso, Nelson Serrão, Guilherme Back, Meliza Roscani

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Development of a Standardised Pulmonary Rehabilitation (PuRe) Pack Across Multiple Centres in Asia: A Collaborative Approach to Enhance Respiratory Care
Soo Chin Chan (Kuala Lumpur, Malaysia), Jayakayatri Jeevajothi Nathan1, Harishah Halim, Julia Patrick Engkasan, Nik Sherina Hanafi, Anmol Kaur Manjit Singh, Dipali Dhamdhere, Sushil Singh, Diksha Singh, Dhiraj Agarwal, Biswajit Paul, Paul Jebaraj, Shadrack Ravindra, Monsur Habib, Nazim Uzzaman, Fatim Tahirah Mirza, Vicky Hammersley, Sian Williams, Ee Ming Khoo, Roberto Rabinovich, Hilary Pinnock

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PS-21 Session 08:00 - 09:30

Poster session: What's new in paediatric respiratory physiology and diagnostic testing?

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases

Method(s) : Pulmonary function testing | Endoscopy and interventional pulmonology | Physiology | General respiratory patient care | Imaging | Epidemiology | Public health

Chairs : Shannon Simpson (Perth (WA), Australia), Chair to be confirmed

Airwave oscillometry at diagnosis in paediatric asthma
Alexandra Mundell (London, United Kingdom), Laura Healy, Liam Whipday, Ran Wang, Miriam Bennett, Lisa Wilmore, Stephen J Fowler, Angela Simpson, Clare S Murray

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Evaluating impulse oscillometry for respiratory assessment and management in children with neuromuscular diseases
ECE OCAK (IZMIR, Turkey), Gökçen Kartal Özturk, Yavuz Ataş, Ece Haliz, Bahar Girgin Dindar, Fevziye Çoksüer, Meral Barlık, Mehmet Mustafa Özaslan, Atacan Öğütçü, Seda Kanmaz, Sanem Yılmaz, Esen Demir, Hasan Tekgül, Figen Gülen

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Assessing Within-Breath Oscillometry for Airway Changes in Children with Exercise-Induced Symptoms
Mario Barreto (Roma (RM), Italy), Martina Cerocchi, Matteo Fracasso, Amalia A. Sepe, Maria Casale, Flaminia Ambrosini, Francesco Guglielmi, Melania Evangelisti, Jacopo Pagani, Pasquale Parisi

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Is paediatric inducible laryngeal obstruction (ILO) a breathing pattern disorder?
Cameron Clark (Sheffield, United Kingdom), Ugonna Kelechi, Nicki Barker, Jane Kirkby, Ravi Thevasagayam

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Assessment of patients with pectus excavatum applying vacuum bell therapy with cardiopulmonary exercise testing
Merve Nur Tekin (Ankara, Turkey), Gizem Ozcan, Fazılcan Zirek, Secahattin Bayav, Mukaddes Ağırtıcı, Esin Gizem Olgun, Mahmut Turğut, Seçilay Güneş, Birkan Sonel Tur, Nazan Çobanoğlu

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The Importance of Bronchoalveolar Lavage Findings in Diagnosis and Their Relationship with Radiological Findings in Pediatric Interstitial Lung Diseases: Turkey chILD National Registry Cohort Study
Aslı Imran Yılmaz (konya, Turkey), Sevgi Pekcan, Nagehan Emiralioğlu, Ebru Yalçın, Nural Kiper, Ayşe Ayzıt Kılınç, Saniye Girit, Tuğba Şişmanlar Eyüboğlu, Güzin Cinel, Yasemin Gökdemir, Berna Oğuz, Nazan Çobanoğlu, Dicle Orhan, Ela Erdem Eralp, Almula Pınar Ergenekon, Havva Ipek Demir, Raziye Atan, Fazılcan Zirek, Mervenur Tekin, Ayşe Tana Aslan, Handan Kekeç, Deniz Mavi Tortop, Yasemin Mocan Çağlar, Özge Ülgen, Abdurrahman Erdem Başaran, Azer Kılıç Başkan, Çiğdem Korkmaz, Berrak Öztosun, Figen Gülen, Hakan Yazan, Mehmet Köse, Ali Ersoy, Fatih Ercan, Hanife Tuğçe Çağlar, Zeynep Seda Uyan, Erkan Çakır, Gizem Özcan, Halime Nayır Büyükşahin, Melih Hangül

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The diagnostic utility of bronchoscopy and lipid-laden macrophages in identifying aspiration in children
Sairah Akbar (Cambridge, United Kingdom), Kathryn Kimber

TBFVL(tidal breathing flow volume loop) finding of infants with wheezing from a tertiary care hospital from Nepal
Jagat Jeevan Ghimire (Kathmandu, Nepal), Om Kurmi, Alina Devbhandari, Shreeram Shan, Prakash Joshi, Pankaj Ray, Nisha Jyoti Shrestha, Prashil Raj Dali

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Determinants of lung function in Nepali infants of <6 weeks: a cross-sectional study
Om Prakash Kurmi (Coventry, United Kingdom), Srizana Neupane, Binod Kumar Gupta, Suman Pant, Gayathri Delanerolle, Paramjit Singh Gill, Nagendra Chaudhary

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Impedance pneumography in healthy and sick children aged between 2 and 36 months
Nicole Beydon (Paris, France), Enora Le Roux, Priscilla Boizeau, Iulia Ioan

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Comparison of three methods to derive airway dead space in health and cystic fibrosis
Mollie Riley (London, United Kingdom), Per Gustafsson, Gwyneth Davies, Paul Aurora

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Alternative methods to derive Scond from paediatric multiple breath washout
Mollie Riley (London, United Kingdom), Gwyneth Davies, Per Gustafsson, Paul Aurora

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The relationship between Haller index and Manual depth measurement with Pectus excavatum children's clinical findings and respiratory function tests
begum yoruk (istanbul, Turkey), Yasemin Mocan Çaglar, Ozge Ulgen, Sinem Can Oksay, Gulay Bilgin, Saniye Girit

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Lessons learnt from AI lung auscultation project implementation in Cape Town,South Africa
Margaret - Antoinette Van Niekerk (Cape Town, South Africa), Lise-Marie Laubscher, Abenathi Mcinziba, Sunaina Kapoor, Nadia Hoekstra, Marieke M Van Der Zalm, Eric D Mccollum

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Lung function in South African children following pulmonary tuberculosis or lower respiratory tract infection
Shaakira Chaya (Mokopane, South Africa), Leah Githinji, Zoe Franckling -smith, Kirsty Brittain, Lesley Workman, Noluntu James, Mark Nicol, Diane Gray, Heather Zar

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Impact of Fat-Free Mass Index (FFMI) and Body Mass Index (BMI) on Pulmonary Function Tests in Children with Rheumatologic Disease-Associated Interstitial Lung Disease
Aslı Imran Yılmaz (konya, Turkey), Sevgi Pekcan, Tuğba Şişmanlar Eyüboğlu, Müşerref Kasap Cüceoğlu, Ayça Burcu Kahraman, Malik Süleyman Güzel, Fatih Ercan, Hanife Tuğçe Çağlar, Fatma Nur Ayman, Suat Savaş

Respiratory function in juvenile dermatomyositis/polymyositis: early diagnosis and follow-up
Marta Piotto (Milano, Italy), Simone Gambazza, Barbara Madini, Beatrice Andrenacci, Lucia Cerrato, Alessia Rocchi, Giovanni Filocamo, Martina Rossano, Maria Francesca Patria

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Clinical and radiological assessment of suspected inhaled foreign body in a tertiary children's hospital
Zuzanna Gebert (Edinburgh, United Kingdom), Becky Lillicrap, Florian Gahleitner, Kenneth Macleod

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Serum Thymic Stromal Lymphopoietin (TSLP) as a Biomarker in Asthma Control in Children
Jagdish Prasad Goyal (Jodhpur (Rajasthan), India), Anurag Diwakar, Prawin Kumar

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PS-23 Session 08:00 - 09:30

Poster session: Advancing paediatric lung research: epidemiology, risk factors and emerging trends

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Epidemiology Pulmonary function testing Pulmonary rehabilitation Respiratory intensive care Public health General respiratory patient care Physiology

Chairs : Olena Gruzieva (Stockholm, Sweden)

Timely association of RSV hospitalisation waves in children with the prevalence of SARS – CoV-2 in the general population
Alexander Kiefer (Regensburg, Germany), Andreas Ambrosch, Benedikt Lampl, Matthias Keller, Michael Kabesch

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Can routine electronic health records help data collection in clinical cohort studies? The SPHN-SPAC study
Franco Romero (Bern, Switzerland), Mari Sasaki, Eva Sophie Lunde Pedersen, Maria Christina Mallet, Anna Hartung, Phillip Latzin, Claudia E. Kuehni

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Risk factors for acute wheeze in preschool children: a population-based cohort study
David Lo (Leicester, United Kingdom), Claire Lawson, Jonathan Broomfield, Clare Gillies, Sharmin Shabnam, Erol Gaillard, Hilary Pinnock, Jennifer Quint

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Incidence of functional respiratory disorders in pediatric population (Vinnytsia region, Ukraine)
Kateryna Khromykh (Vinnytsia, Ukraine), Veronika Dudnyk, Tatiana Poteeva

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Physical functioning report and pulmonary function deficit in childhood acute lymphoblastic leukaemia survivors: A national cross-sectional ALL-STAR Lungs study
Sonja Izquierdo Meyer (Aarhus N, Denmark), * A L L-S T A R Research Group, Kim Gjerum Nielsen, Sune Rubak

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The prevalence of paediatric coronavirus disease 2019-related pleural effusion: A systematic review
Eberechukwu Ikwuanusi (Birmingham, United Kingdom), Daniel Paek, Sayanthan Balasubramaniam, Udaya Samarakkody

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E-cigarette attitude and belief scale among adolescents: validity and reliability study
Sinem Can Oksay (İstanbul, Turkey), Gül Alpar, Gülay Bilgin, Deniz Mavi Tortop, Zeynep Rayhan Onay, Eda Gürler, Saniye Girit, Elif Dağlı

Mortality trends by respiratory infections in South-American children between 2000 and 2019.
Renato Goncalves Felix (Bariri, Brazil), Lucas Casagrande Passoni Lopes

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The sociodemographic and environmental risk factors of childhood pneumonia in south asia: a systematic review and meta-analysis
Maheen Raja (Hamilton, Canada), Mehnaz Munir, Amal Khan, Zeest Kadri, Sujane Kandasamy, Om Kurmi

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Impact of outpatient therapy on bronchiolitis course in hospitalized infants
Luigi Matera (Rome, Italy), Raffaella Nenna, Enea Bonci, Debora Valente, Laura Petrarca, Maria Giulia Conti, Enrica Mancino, Antonella Frassanito, Greta Di Mattia, Fabio Midulla

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Assessment of Adolescents' Attitudes and Beliefs Toward E-Cigarette in Türkiye: A New Scale Experience
Sinem Can Oksay (İstanbul, Turkey), Gülay Bilgin, Eda Gürler, Deniz Mavi Tortop, Zeynep Reyhan Onay, Saniye Girit

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Externally validating paediatric pneumonia and bronchiolitis risk scores in Kenya
Becky Gordon (West Linton, United Kingdom), Joyce Nyiro, Harish Nair, Esther Katama, Charles A. Nyaigoti, Ting Shi

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Dynamics of innate and adaptive immune cells from birth into childhood and role of respiratory tract infections
Francine Visscher (Rotterdam, Netherlands), Menno Van Zelm, Janine Felix, Liesbeth Duijts

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Longitudinal associations between metabolomic markers in children and later lung function: the role of air pollution exposure
Shizhen He (Stockholm, Sweden), Baninia Habchi, Romanas Chaleckis, Natalia Hernandez-Pacheco, Anna Bergström, Anne-Sophie Merrit, Inger Kull, Kristina Eneroth, Göran Pershagen, Sophia Björkander, Zhebin Yu, Craig Wheelock, Susanna Klevebro, Matteo Bottai, Erik Melén, Olena Gruzieva

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Effect of adherence and other epidemiological parameters on lung mechanics change after ICS/LABA initiation in steroid-naïve asthmatic children
Christos Kogias (Thessaloniki, Greece), Athina Sopiadou, Sotirios Fouzas, Petrina Vantsi, Elisavet-Anna Chrysochoou, Maria Galogavrou, Nikolaos Gasparis, Elpis Hatziagorou

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Combined effects of preterm birth and infections on airflow limitation from childhood to young adulthood
Fredrik Larsson (Stockholm, Sweden), Petra Um-Bergström, Björn Lundberg, Sophia Björkander, Inger Kull, Anne-Sophie Merritt, Anna Bergström, Jonas F. Ludvigsson, Cecilia Pegelow Halvorsen, Susanna Klevebro, Erik Melén

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Epidemiology of childhood interstitial & diffuse lung diseases (chILD) via real-world data (RWD)
Michael Cushion (Cambridge, United Kingdom), Bernadette R. Gochuico, Caroline A. Owen, Engin L.

Relationship between early childhood wheezing and plasma selenium levels in maternal and umbilical cord
Tamar Bakhtadze (Batumi, Georgia), Vakhtang Beridze, Miranda Shervashidze, Nino Kiknadze, Veriko Takidze

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Lung function in perinatally HIV-infected African adolescents on antiretroviral therapy: a longitudinal prospective cohort study
Leah Githinji (Cape Town, South Africa), Nana Akua Asafu-Agyei, Diane Gray, Emma Carkeek, Nomawethu Jele, Noluntu James, Mothabisi Nyathi, Zoe-Franckling Smith, Margaretha Prins, Landon Myer, Heather Joy Zar

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Influence of different face masks on the subjective impairment of children and adolescents
Vera van Kampen (Bochum, Germany), Anne Schlegtendal, Eike Marek, Birger Jettkant, Susann Widmer, Benjamin Kendzia, Christian Eisenhawer, Adriana Talarico, Anna Hoffmann, Folke Brinkmann, Juergen Buenger, Thomas Bruening, Thomas Luecke, Julia Krabbe

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PS-32 Session 08:00 - 09:30

Poster session: The quality of life of lung cancer patients and therapeutic options in special populations

Disease(s) : Thoracic oncology | Airway diseases | Sleep and breathing disorders | Interstitial lung diseases

Method(s) : Epidemiology | Public health | Surgery | Transplantation | Palliative care | General respiratory patient care | Pulmonary rehabilitation | Respiratory intensive care

Chairs : Fatma Chermiti Ben Abdallah (Tunis, Tunisia), Ujaas Dawar (Basildon, United Kingdom)

Lung cancer in octogenarians: A single centre experience
Ayşegül Tomruk Erdem (Zonguldak, Turkey), Müge Meltem Tor

Patient performance status during the lung cancer diagnostic pathway
Anna Davies (Poole, United Kingdom), Anindo Banerjee

Defining intensive care status in metastatic lung cancer patients: a French survey
Marie Herbreteau (Clermont Ferrand, France), Celine Lambert, Patrick Merle, Francois Thouy, Aurore Douge, Anne-Claire Toffart

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Factors Influencing the Quality of Life in Patients with Lung Cancer
Hela Kamoun (Ain Zaghouane (Tunis), Tunisia), senda derouiche, Ahmed Sebai, Hadhemi Rejeb, Dorra Greb, Hela Hassene, Hanene Smadhi, Leila Fekih

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Anxiety and depression in patients with lung cancer
yasmine charfi (kairouan, Tunisia), Imen Kharrat, Chedia Khiari, Ameni Kacem, Souha Ben Selem, Anis Maatalah, Rahma Ben Jezzia

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Predictor factors of insomnia in patients with lung cancer
yasmine charfi (kairouan, Tunisia), Imen Kharrat, Chedia Khiari, Ameni Kacem, Souha Ben Selem, Anis Maatalah, Rahma Ben Jezzia

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Assessment of quality of life in lung cancer patients at a Tunisian center
SOUHA BEN SALEM (Monastir, Tunisia), Imen Kharrat, Yasmine Charfi, Amani Kacem, Chedia Khiari, Anis Maatallah, Rahma Ben Jezia

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Women with depression have increased risk of lung cancer
Chiwook Chung (Seoul, Republic of Korea), Kyu Na Lee, Kyungdo Han, Dong Wook Shin, Sei Won Lee

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Lung cancer following solid organ transplantation: A single-center retrospective experience
Shengshu Li (Taiyuan, China), Zhaoqing Yu, Diego Kauffmann-Guerrero, Jan Michael Fertmann, Julia Kovacs, Jürgen Barton, Jürgen Behr, Marah Freiwan, Maria Arredondo, Rudolf Hatz, Christian Schneider, Amanda Tufman

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Pharmacologic interventions for symptomatic treatment of cough among adults with lung malignancy: A systematic review and meta-analysis.
Bryan Leonard Quizon (Quezon City, Philippines), Mithi Kalayaan Zamora

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The role of immunotherapy in patients with lung cancer and brain metastases
Eleni Eleftheriadou (Thessaloniki, Greece), Dionisios Spyratos, Maria Saroglou, Konstantinos Syrigos, Marousa Kouvela

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Efficacy and Safety of First-Line Immunoradiotherapy in Advanced Elderly NSCLC
Ruiyuan Yang (Chengdu, China), Quanling Kong, Jiadi Gan, Weimin Li

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Comparative clinicopatholigical features in young and old people with lung cancer
Hanene Smadhi (Manouba, Tunisia), Rym Cheour, Senda Derouiche, Khaoula Benamor, Hadhemi Rejeb, Dorra Greb, Ines Akrout, Hajer Benabdelghaffar, Hela Hassen, Hela Kamoun, Leila Fekih

Quality of Life of Lung Cancer Patients Undergoing Chemotherapy
Hela Kamoun (Ain Zaghouane (Tunis), Tunisia), senda derouiche, Ahmed Sebai, Hadhemi Rejeb, Dorra Greb, Hela Hassene, Hanene Smadhi, Leila Fekih

Treatment of patients with lung cancer and ILD: impact of ILD expertise
Suzan F.M. Nijman (Amsterdam, Netherlands), Mathijs L Tomassen, Esther J Nossent, Chris Dickhoff, Onno M Mets, Teodora Radonic, Bart G Boerrigter, Martijn Van Dorp, David J. Heineman, Idris Bahce, Max R. Dahele, Femke O.B. Spoelstra, Patricia F. De Haan, Peter S.N. Van Rossum, Suresh Suresh Senan

Sleep apnea increases lung cancer risk only in female COPD patients
Kristiaan Proesmans (Gent, Belgium), Annemarie Luik, Lies Lahousse

How much do different risk factors decrease survival time in patients with coexistence of lung cancer and Chronic Obstructive Pulmonary Disease?
Robert Uliński (Warsaw, Poland), Anna Trojnar, Zbigniew Lewandowski, Joanna Domagała-Kulawik

Barriers to exercise for people with lung cancer during chemotherapy: a controlled cross-sectional study
Adriana C. Lunardi (São Paulo (SP), Brazil), William Selles, Beatriz Lima, Othavio Ferreira, Leticia Dellere, Luciana Bataglia, Gabriela Azevedo, Sabrina Vale, Mariana Morais, Leticia Pereira, Jessica Duarte

Quality of life in patients with lung cancer during the modern anticancer treatment - muticenter prospective data from the Czech Republic
Monika Bratová (Brno 35, Czech Republic), Kristian Brat, Lenka Jakubikova, Michal Svoboda, Juraj Kultan, Martin Svaton

The proportional of total length of hospital stays to survival time in advanced non-small cell lung cancer.
Miki Tasato (Kyoto, Japan), Akihiko Sokai, Toshiyuki Iwata, Yasuyuki Hayashi, Yuki Sakai, Naoaki Yasuda, Takashi Nishimura

PS-15 Session 08:00 - 09:30

Poster session: Clinical aspects in obstructive respiratory disorders

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : Imaging Physiology Epidemiology Public health Cell and molecular biology Pulmonary function testing General respiratory patient care

Chairs : Chair to be confirmed

Study of detection of emphysema lesions by Dynamic Digital Radiography
takashi oki (itabashi-ku. tokyo, Japan), Yasuhiro Gon, Yu Kozu, Yoshiko Nakagawa, Kenji Mizumura, Shuichiro Maruoka

HIV infection and risk of COPD: a two-sample Mendelian randomization study
Yuanjie Li (Chengdu, China), Yaoxi Chen, Yuan Wang, Zhixin Qiu

Distinct roles of oral hygiene status on asthma and COPD: A nationwide study using medical checkup data in Korea
Taewoo Kim (Seoul, Republic of Korea), Myung Jae Park, Kyoung-Hee Sohn

Differences in 129Xe MRI VDP using K-means, linear-binning and threshold approaches
Eveline Durom (London, Canada), Ali Mozaffaripour, Alexander Matheson, Jonathan Rayment, Rachel Eddy, Sarah Svenningsen, Grace Parraga

The effect of living environmental factors on chronic lung disease in Chinese middle-aged and older adults: A cross-sectional and Longitudinal Study
Yanmei Feng (Chongqing, China), Wei Qin, Youjing Yang, Fengjie Tang, Xi Chen, Qihuan Ma, Rui Guo, Shasha Tao

Association of Circulating Polymers of Z Alpha-1 Antitrypsin with Lung Diffusion in Adults with PiZ Alpha-1 Antitrypsin Deficiency
Arafa Aboelhassan (Assiut, Egypt), Reem Alluhibi*, Nina Heyer-Chauhan, David Lomas, John Hurst

Prevalence and risk factors of spirometric small airways disease in a general population: Data from the LEAD study
Hazim Abozid (Wien, Austria), Ahmad Karimi, Marie-Kathrin Breyer, David Kaminsky, Andre Amaral, Emiel Fm Wouters, Robab Breyer-Kohansal

Distal airway dimensions in individuals with asthma, chronic obstruction, and bronchopulmonary dysplasia measured using inhaled aerosol.
Hugo Öhrneman (Lund, Sweden), Per Wollmer, Jakob Löndahl

The Precedence of Multiple Breath Nitrogen Washout Test in the Diagnosis of Dysfunctional Breathing
Asger Bødker (Aarhus C, Denmark), Mads Geert Jensen, Johannes Martin Schmid

The association between cardiometabolic index with all-cause mortality and chronic obstructive pulmonary disease in adults aged 45 years and above: based on the NHANES 2013–2020
Pan Zhang (Guangzhou, China), Yuanyuan Qi, Caiyu Li, Wei Zhang, Shaofeng Zhan

COPD Burden of disease from 2017 to 2022: analysis of 44260 hospitalization in the Italian Apulian region.
Paola Pierucci (Bari, Italy), Emanuela Resta, Giusi Graziano, Chiara Noviello, Giacomo Riformato, Silvio Tafuri

Post-COVID-19 and Airway Hyperresponsiveness: Insights from Methacholine Challenge Testing
Muhammad Azaizah (Kfar saba, Israel)

The relationships between thickness of erector spinae and symptoms or lung function in smokers with and without COPD
Katarzyna Mycroft-Rzeszotarska (Warszawa, Poland), Joanna Żuchowska, Kaja Pulik, Iga Ciesielska-Markowska, Piotr Korczyński, Katarzyna Górska

Causes of death in patients with COPD and matched comparators from 1983-2018
Melina Gade Sikjær (Egå, Denmark), Ole Hilberg, Rikke Ibsen, Anders Løkke

Prognostic patterns and phenotypes of wheezing in adults
Richard Ssegonja (Uppsala, Sweden), Emil Ekbom, Andrei Malinovschi, Össur Ingi Emilsson, Ane Johannessen, Thorarinn Gislason, Mathias Holm, Vivi Schlünssen, Rain Jõgi, Lars Modig, Christer Janson

Focusing on FEV1 or Peak Expiratory Flow variability for diagnostic certainty in the severe asthma cohort with negative or unreliable bronchodilator responsiveness testing
Anne-Marie Sweeney (Dublin, Ireland), Eleanor Cronin, Avril Mcneilis, Cormac Mccarthy, Alessandro Franciosi

Implementation of the ACT and CAT Questionnaires by Respiratory Specialists
M. Hashim Khan (Mississauga, Canada), Nikki Breede

An audit of inpatient inhaler prescribing habits on a respiratory ward
Max Newton (London, United Kingdom), Bruno Tanushi, Amina Jama, Kingchun Tso, Ketan Patel

A novel dual-branch CNN architecture for explainable feature agnostic predictions in asthma
Ollie Pitts (London, United Kingdom), Rossella Arcucci, Anand Shah, Alex Bell, Chris Brightling, Dave Singh, Janwillem Kocks, Leonardo Fabbri, Alberto Papi, Klaus Rabe, Maarten Van Den Berge, Craig Galban, Monica Kraft, Salman Siddiqui

COPD physiology may impact spirometry acceptability
James Dean (Holmes Chapel, United Kingdom), Anthony Dean, Dave Singh

PS-29 Session 08:00 - 09:30

Poster session: Pleural infection

Method(s) : General respiratory patient care Epidemiology Cell and molecular biology Endoscopy and interventional pulmonology Surgery Pulmonary rehabilitation Public health

Chairs : Najib M. Rahman (Oxford, United Kingdom), Pierfrancesco Longo (Tricase (LE), Italy)

Enhanced pleural infection diagnostics via rapid bacterial detection
Lauren Remijas (Amsterdam, Netherlands), Martine Bos, María Miguélez Sánchez, Dries Budding

The Microbial Landscape of Pleural Infections in Singapore: A Retrospective Study
Yvonne Goh (Singapore, Singapore), Jonathan Wong, Haiquan Lee, Qishan Lim, Glenn Khai Wern Yong

Medical Thoracoscopy in Pleural Infection: Superior Microbiological Yield of Pleural Fluid Compared to Biopsies in a Two-Year Prospective Cohort Study
Wu Zuohong (Chengdu, China), Liu Dan, Wang Kaige

Impact of early versus delayed intrapleural fibrinolytics on pleural infection outcomes: an observational study
Yasmin Rahim (Kettering, United Kingdom), Muhammad Zubair, Harvinder Virk, Georgios Tsaknis, Muhammad Naeem, Raja Reddy

Clinical characteristics and outcomes of empyema caused by Streptococcus constellatus infection: a retrospective cohort study
Jibo Sun (Chengdu, China), Dongguang Wang, Lian Wang, Xiang Tong, Hong Fan

Current aetiology and additional nucleic acid amplification tests in pleural infections in New Zealand
J. Margot de Koning Gans (Christchurch, New Zealand), Lutz E. Beckert, Esther O.C. Lau, Michael J. Maze

The patients' perspective on pleural infection: results of the MIST-3 trial qualitative sub-study
Rebecca Burney (Sheffield, United Kingdom), Eihab O Bedawi, Sophie Harrad, Shakeeb H Moosavi, Jack Seymour, Alison M Condliffe, Emma Hedley, Catherine Henshall, Najib M Rahman

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Characterising Empyemas at a UK tertiary centre
Gomathy Suresh (Birmingham, United Kingdom), Harika Avula, Alana Livesey, Finn Whittaker, Abigail Hallum, Khalil Saadeh, Sarah Shukher, Richard Thompson, Ben Sutton, Farrukh Rauf, Nadeem Madekkar

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Characterising neutrophilic inflammation and infection in pleural infections: preliminary data from the PIRATE study
Amy Gilmour (Dundee, United Kingdom), Hollian Richardson, Holly Lind, Rebecca C Hull, Emily Ward, Kateryna Viligorska, Jaa Ming New, Lewis Marshall, Helen Liddicoat, Rachel Galloway, Merete B Long, James D Chalmers, Philip Short

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Irrigation of infected pleural space with antiseptic solution: randomized trial
Basma El-Shaarawy (Alexandria, Egypt), Ahmed Elhoffy, Beatrice Iskandar, Reda Said, Mahmoud Mansour, Maged H.Fayed

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Predictors of positive pleural fluid cultures in pleural infections: a logistic regression analysis
Jonathan Jia Jun Wong (Singapore, Singapore), Qishan Lim, Hai Quan Lee, Yvonne Si Hua Goh, Glenn Khai Wern Yong

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Management of patients with pleural infection in Greece: results of the ongoing PRACTICE (PleuRAlInfeCTIon in GreeCE) study
Ioannis Kalomenidis (Athens, Greece), THEOFANI RIMPA, Stefanos Lampadakis, Electra Koulousousa, Maria Konstantinidou, Eleftherios Doulgerakis, Ioanna Filippou, Annita Papasarantou, Manos Antonakis, Garyfallia Perlepe, Dimitra Siopi, Thomas Raptakis, Iris Vlachantoni, Marianthi Iliopoulou, Fotios Sampsonas, Dionysios Spyratos, Petros Bakakos, Stylianos Loukidis, Ilias Papanikolaou, Konstantinos Gourgoulianis, Vasileios Skouras

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Doses of tissue plasminogen activator-DNase for pleural infection
King-Pui Florence Chan (Hong Kong, Hong Kong), Macy Mei-Sze Lui, David Chi-Leung Lam, James Chung-Man Ho, Pak-Leung Ho

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Microbiological and Clinical Outcomes of Pleural Infections: A 10-Year Retrospective Review at a Tertiary Referral Centre.
Jack Allen (Dublin, Ireland), Laura Gleeson

Outcomes of patients with pleural infections in Singapore: A retrospective study
Qishan LIM (SINGAPORE, Singapore), Jonathan Wong, Hai Quan Lim, Yvonne Goh, Glenn Khai Wern Yong

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Clinical and microbiological characteristics of pleural infections due to non-typhoidal Salmonella enterica: A 10-year retrospective single-center study
Cheuk Cheung Derek Leung (Kowloon, Hong Kong), Mannie Man Wai Lam, Yu Hong Chan, Man Ying Ho, Ming Chiu Chan, Kristine Shik Luk, May Kin Ping Lee, Chin Tong Kwok, Chun Hoi Chen, Ching Man Ngai, Hiu Ching Christy Chan, Yiu Cheong Yeung

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Non tuberculosis infectious pleural effusion in Southern Tunisia: a focus on clinical presentation and therapeutic challenges
Sabrine Majdoub Fehri (Nabeul, Tunisia), Anis Ouerghemmi, Ahmed Ben Ayed, Asma Fattoumi, Oumayma Aggouni, Hamida Kwas

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Characteristics and outcomes of pleural infection patients in a Middle Eastern hospital
Maged Hassan (Alexandria, Egypt), Basma Elshaarawy, Mohamed Gad-Allah, Asmaa Elshazly, Ahmed Sadaka

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Review of pleural infection characteristics, management, and outcomes at an Australian tertiary centre
Ryan Moxham-Smith (geelong, Australia), Christopher Lim, Anne Marie Southcott, Simon Knight, Calvinjit Sidhu

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Purulent pleuritis in Africa: clinical patterns, aetiologies, and treatment outcomes
HAIFA BENROMDHANE (MANOUBA, Tunisia), Soumaya Debiche, Ghada Berkaoui, Rihab Kefi, Hela Cherif, Ferdaous Yangui, Mohamed Ridha Charfi

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PS-10 Session 08:00 - 09:30

Poster session: Real-world lessons on biologic use in asthma

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Public health

Chairs : Martina Zappa (Tradate, Italy)

The impact of biologics on lung function parameters: a comparative analysis
Angelica Tiotiu Cepuc (Brussels, Belgium), Giuseppe Liistro, Diego Bagnasco, Fulvio Braido, Charles Pilette

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Real- world evidence of Tezepelumab for severe asthma - a retrospective multicenter cohort
Ophir Freund (Tel Aviv, Israel), Jasmin Khateeb, Mordechai Kramer, Reem Mhameed, Eviatar Naamany, Aviv Kupershmidt, Gal Elkayam, Anna Breslavsky, Dror Rosengarten, Yaniv Dotan, Ori Wand, Amir Bar-Shai

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Early and continued improvements in asthma control in patients with severe, uncontrolled asthma after tezepelumab initiation: real-world ASCENT study
Katrin Milger-Kneidinger (Munich, Germany), Del Dorscheid, Christian Gessner, Ole Hilberg, Jean-Pierre Llanos, Jonatan Nåtman, Hannah Urbanski, Deborah Clarke, Benjamin Emmanuel, Neda Stjepanovic

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The first 18 months of tezepelumab in real-life practice: Characteristics of patients commenced and efficacy in a nationwide, complete cohort of patients with severe asthma
Marianne Baastrup Soendergaard (København N, Denmark), Kjell Erik Julius Haakansson,, Susanne Hansen, Anne-Sofie Bjerrum, Johannes Martin Schmid, Sofie Lock Johansson, Linda Makowska Rasmussen, Claus Rikard Johnsen, Barbara Bonnesen, Roxana Vijdea, Anna Von Bülow, Niels Steen Krogh, Ole Hilberg, Charlotte Suppli Ulrik, Celeste Porsbjerg

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Health-related quality of life (HRQoL) in patients with severe asthma treated with mepolizumab in Arab Gulf countries
Bassam Mahboub (Dubai, United Arab Emirates), Mona Al-Ahmad, Tayseer Ibrahim, Hala Samaha, Zaid Zoumot, Fatma Huraish, Ramzi Khashkhusha, Mousa Khadadah, Sana Al Mutairi, Ahmed Helmi, Anas Adel, Saeed Noibi, Nasser Al Busaidi

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The Impact of Inhaled Corticosteroid Use on the Effectiveness of Tezepelumab in Severe Asthma
Grainne d'Ancona (London, United Kingdom), Niall Stewart-Kelcher, Alicia Piwko, Maeve Savage, Anna Mowles, Jessica Gates, Faizan Haris, Linda Green, Jodie Lam, Mariana Fernandes, Louise Thomson, Cris Roxas, Jaideep Dhariwal, Jackson David, Alexandra Nanzer

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Real world one year outcomes for severe asthma patients on tezepelumab
Lynn Elsey (Hale, United Kingdom), Holly Montgomery, Kerry Hince, Ellen Greenlees, Jenny Chan, Nita Sehgal, Yetunde Isa, Gael Tavernier, Charles Thomas Pantin

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Mepolizumab in severe asthma: Turkish real-world data from a bi-directional, self-controlled study
Sevim Bavbek (Ankara, Turkey), Arzu Yorgancioglu, Fatma Merve Tepetam, Insu Yılmaz, Kurtulus Aksu, Ozlem Goksel, Canturk Tasci, Yavuz Havlucu, V. Dilsad Mungan, Ismet Bulut, Cagcan Olmez, Ezgi Demiralp, Gabriela Abreu, Juliana Queiroz, Saeed Noibi

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A real-world study of tezepelumab in severe asthmatics of a French cohort.
Malo Bouguennec (Lyon, France), Pierre Pradat, Nathalie Freymond, Gilles Devouassoux

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Real life evidence with biologics in severe asthma in 5 years.
Cristina Barea Jimenez (Sevilla, Spain), Guadalupe Hurtado Gañan, Javier Diez Sierra, Agustin Valido Morales, Ana Gomez-Bastero Fernandez

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Response after one year of treatment with Benralizumab
Aureliano Ais-Daza (Cádiz, Spain), Sofia Gutierrez-Hernandez, Angel Carmona-Gonzalez, Isabel Castillo-Rivillas, Aurelio Arnedillo-Muñoz

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REAL LIFE EXPERIENCE AT THE INFANTA ELENA COMARCAL HOSPITAL AFTER 24 WEEKS OF TREATMENT WITH TEZEPELUMAB
Isabel Muñoz Ramirez (Sevilla, Spain), Carlos Antonio González Del Pino, Mercedes Garci-Varela Olea, Adriano Asuero Llanes, Borja Ruiz Duque

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GALERNA study: long-term evolution of exacerbations, hospitalizations and emergency room visits in patients with severe eosinophilic asthma receiving benralizumab in a real-world setting
Ismael García Moguel (Madrid, Spain), Jl Velasco-Garrido, Rocío Diaz-Campos, Jose Luis Sanchez Trincado, Javier Nuevo, Elisa Luzon

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Do biological therapies reduce emergency asthma presentations to a teaching hospital in the East of England.
Joyce Oi Suet Cheng (Norwich, United Kingdom), Hannah Jewitt, Sarah Harper, Memoona Younas, Karen Gibson, Ashnish Sinha, Malcolm Marquette, Sadiyah Hand

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Real world evidence of administration of biologic agents in patients with severe asthma: an analysis of the Respiratory Department of University Hospital of Patras
Ourania Papaioannou (Patras, Greece), Ioannis Christopoulos, Panagiota Tsiri, Fotios Sampsonas, Kyriakos Karkoulias, Dimosthenis Lykouras, Vasilina Sotiropoulou, Eva Theohari, Dionysios Papalexatos, Dimitrios Komninos, Antonios Christopoulos, Argyrios Tzouvelekis

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Real-world Impact of Tezepelumab in Severe Asthma: insights from the ADVANCAT Study (Advancing Severe Asthma Care with Tezepelumab in Catalonia)
Ebymar Arismendi (Vilassar de Dalt, Barcelona, Spain), Maria Basagaña, Astrid Crespo, Olga Luengo, Carlos Martinez-Rivera, Mariana Muñoz-Esquerre, Marina Paredes, Iñigo Ojanguren, Xavier Munoz

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Upper airway and quality of life improvements with dupilumab treatment for severe asthma in the Danish Severe Asthma Registry
Andreas Lillieroth Bricaud (Copenhagen, Denmark), Joachim Bruun, Kjell Erik Julius Håkansson, Susanne Hansen, Marianne Baastrup Soendergaard, Anna Von Bülow, Kasper Aanæs, Ole Hilberg, Barbara Bonnesen Bertelsen, Claus Rikard Johnsen, Sofie Lock-Johansson, Lycely Dongo, Maria Bisgaard Borup, Roxana Vijdea, Linda Makowska Rasmussen, Johannes Martin Schmid, Anne-Sofie Bjerrum, Charlotte Suppli Ulrik, Celeste Porsbjerg

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Eosinophilic adverse reactions associated with different biologics targeting type 2 inflammation: a disproportionality analysis of the Food and Drug Administration Adverse Event Reporting System (FAERS)
Chun Chang (Beijing, China), Xiaohan Xu, Kairui Zhang, Hanwen Zhang, Xiaohui Xie

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Gender differences in the 6-month response to tezepelumab treatment in patients with severe asthma.
Maria Lisa Baccellieri (, Italy), Pietro Magaletti, Pasquale Tondo, Donato Lacedonia, Giovanna Elisiana Carpagnano, Andrea Portacci, Ernesto Lulaj, Stella Costa, Piera Soccio, Carla Maria Irene Quarato, Maria Pia Foschino Barbaro, Giulia Scioscia

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Sex Differences in Response to Biologic Therapy for Severe Asthma
Francesca Sala (Palermo, Italy), Giuseppe Vella, Giuseppe Pirrello, Alida Benfante, Nicola Scichilone

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PS-36 Session 08:00 - 09:30

Poster session: Blood and bronchoalveolar lavage biomarkers in interstitial lung disease of known causes

Disease(s) : Interstitial lung diseases

Method(s) : Pulmonary function testing Cell and molecular biology Endoscopy and interventional pulmonology General respiratory patient care Imaging

Chairs : Julien Guiot (Liège, Belgium), Chair to be confirmed

The bronchoalveolar lavage fluid CD44 and its cell sources in diffuse parenchymal lung diseases
Eva Tedlova (Bratislava, Slovakia), Magda Suchankova, Eszter Zsemlye, Jan Urban, Martina Ganovska, Dominik Juskanic, Michaela Kardohelyova, Maria Bucova, Vladimir Leksa

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Continuous relationship between lymphocytosis and functional course of hypersensitivity pneumonitis
Aurélie Struyf (Bruxelles, Belgium), Marie-Zélie Sangwa, Benoît Ghaye, Emmanuel Coche, Delphine Hoton, Antoine Froidure

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Blood and lung cellular profile in patients diagnosed with interstitial lung diseases
Arya Krishnan (NEW DELHI, India), Vijay Hadda, Anant Mohan, Karan Madan, Saurabh Mittal, Pawan Tiwar, Tejas Suri

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Blood eosinophilia as an interesting risk factor for progression in fibrotic hypersensitivity pneumonitis
Valentin Mandin (Nantes, France), Dorian Hassoun, Romain Habeau, Antoine Moui, Charlotte Ménigoz, Frédéric Corne, Christine Sagan, Claire Defrance, Valentin Patarin, Renand Liberge, François-Xavier Blanc, Stéphanie Dirou

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Prognostic value of BAL lymphocytes in connective tissue disease-related interstitial lung disease: An observational study
Maximilian Gysan (Wien, Austria), Kastriot Kastrati, Svitlana Pochepnia, Helmut Prosch, Antje Lehmann, Silvia Lee, Andreas Renner, Christina Bal, Anastasia Papaporfyriou, Christopher Milacek, Lukasz Antoniewicz, Seda Metekol, Markus Kramer, Lisa John, Zahra Kargarpour, Iris Aykara, Peter Weber, Karolina Anderle, Hans Peter Kiener, Michael Bonelli, Daniel Mrak, Daniela Aletaha, Ahmed El-Gazzar, Daniela Gompelmann, Marco Idzko, Helga Lechner-Radner

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Absence of alveolar lymphocytosis is associated with worse prognosis in hypersensitivity pneumonitis
Stéphanie Dirou (Nantes CEDEX 1, France), Charlotte Menigoz, Celine Chaillou, Quentin Maubert, Fiona Laboue, Frédéric Corne, Christine Sagan, Christine Kandel, Marie-Christine Copin, Antoine Moui, Dorian Hassoun, Renan Liberge, Valentin Patarin, Anne-Laurence Gourdier, Pascaline Priou, Frédéric Gagnadoux, François-Xavier Blanc

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Biomarkers of lung fibrosis in bronchoalveolar lavage
Alba Mulet Arabi (Valencia, Spain), Andrés Vales Veiga, Ana Ferrer Pons, Elena Ortiz Zapater, Paola Ordóñez Gómez, Jaime Signes-Costa

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KL-6 levels in PPF associated with SSc-ILD: a retrospective single center study
Karolien De Bruyne (Arlon, Belgium), Fanny Gester, Monique Henket, Etienne Cavalier, Renaud Louis, Julien Guiot

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Predictors of disease progression in fibrotic hypersensitivity pneumonitis: A retrospective cohort study
Beatriz Rodrigues Martins De Caldeira E Cerca (Lisboa, Portugal), Maria Alvarenga Santos, Raquel Rosa, Sofia Silva, Teresa Martín, Susana Clemente, Filipa Todo-Bom

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MMP-7 is a potential marker for progression in fibrotic interstitial lung disease
Shruti Shankar (New Haven, United States), Claudia Carducci, Giuliana Cerro Chiang, Farida Ahangari, Karen Velasco Alzate, Nebal Abu-Hussein, Naftali Kaminski, Sara Tomassetti

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Plasma levels of TGF-beta 1 in patients with hypersensitivity pneumonitis at different stages of disease progression
Marc Massa Gómez (Barcelona, Spain), David Soler Segovia, David Espejo Castellanos, María Florencia Pilia, Iñigo Ojanguren Arranz, Yolanda Vasiete García, Xavier Muñoz Gall, María Jesús Cruz Carmona

Differential cellular immune response in BAL after inhalation of pigeon serum and Aspergillus extract in an acute murine model of hypersensitivity pneumonitis
Marc Massa Gómez (Barcelona, Spain), David Soler Segovia, David Espejo Castellanos, María Florencia Pilia, Iñigo Ojanguren Arranz, Lidia Muñoz Montull, Xavier Muñoz Gall, María Jesús Cruz Carmona

Domestic hypersensitivity pneumonitis: is it essential to investigate mold exposure?
Céline Chaillou (Rezé, France), Charlotte Menigoz, Quentin Maubert, Fiona Laboue, Olivier Morla, Antoine Legal, Antoine Moui, Frédéric Corne, Christine Sagan, Marie-Christine Copin, Dorian Hassoun, Romain Habeau, Anne Levilain, Aurélien Riodel, Pascaline Priou, Rose Esnaud, Anne-Laurence Gourdier, François-Xavier Blanc, Frédéric Gagnadoux, Stéphanie Dirou

Use of Computed Tomography Pulmonary Fat Attenuation Volume (CTPFAV) to predict steroid response in acute hypersensitivity pneumonitis
Niamh O'Flaherty (Galway, Ireland), Sean Quinn, Anna Keane, Alessandro Franciosi, Marcus Butler, Emmet Mcgrath, Michael Keane, David Murphy, Cormac Mccarthy

Identification of the Inciting Antigen Influences Hypersensitivity Pneumonitis Outcomes
Laura Shannon (Ballyclare, United Kingdom), Chibuike Okechukwu, Pat Gorman, Louise Macpherson, Lisa Graham, Eoin Murtagh, Paul Minnis

Cutoff values of serum mold-specific IgG levels for hypersensitivity pneumonitis diagnosis
Sahajal Dhooria (Chandigarh, India), Ritesh Agarwal, Inderpaul Singh Sehgal, Ashutosh Nath Aggarwal

Bronchoalveolar lavage lymphocytosis in fibrotic hypersensitivity pneumonitis: contrasting associations with KCO and VA
Punchalee Kaenmuang (Songkhla, Thailand), Fiammetta Danzo, Simon Bax, Richard J Hewitt, Maria Kokosi, Vasileios Kouranos, Felix Chua, Peter M George, Richard Gisli Jenkins, Athol U Wells, Carmel Jw Stock, Piersante Sestini, Elisabetta A Renzoni

Cytoimmunologic profile of bronchoalveolar lavage (BAL) in interstitial lung disease (ILD) associated with post-COVID-19 syndrome (PCS): Evaluation of the BAL predictive value.
Piotr Kopiński (Kraków, Poland), Justyna Dolny-Michno, Grzegorz Przybylski, Ewa Wypasek, Magdalena Szymańska, Eweliina Wędrowska, Klaudia Mikołajczyk, Tomasz Senderek, Anna Merklinger-Gruchała, Maciej Gagat

Serum precipitins in hypersensitivity pneumonitis: association with patients' characteristics and disease type
Giorgio Monteleone (Rome, Italy), Eda Boerner, Luca Richeldi, Ulrich Costabel, Francesco Bonella

CT patterns as a biomarker of CTD-ILD progression: an analysis of the RECITAL study.
Serena Bellani (Padova, Italy), Paolo Spagnolo, Toby M. Maher, Philip L. Molyneaux

PS-28 Session 08:00 - 09:30

Poster session: Nursing interventions and outcomes

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Epidemiology | Public health

Chairs : José Miguel dos Santos Castro Padilha (Porto, Portugal), Ricardo Salgado (Lausanne, Switzerland)

RELEVANCE OF SLEEP NURSING CONSULTATION: PREVALENCE, FOLLOW-UP, AND ADHERENCE
Alejandra Roncero Lazaro (Logroño (La Rioja), Spain), Mariola Bretón Ruiz, Amaia Perez De Nanclares Saez, Maria Torres Muga, María Dolores Ramirez Martinez, María Aguado Agudo, Marta Cristeto Porras, Jorge Lázaro Galán, Paula Vicente Hernando, Carlos Ruiz Martinez

Management of Dyspnea in COPD: Patient Empowerment
Rui Pedro Marques da Silva (Sobreira – Paredes, Portugal), Glória Maria Andrade Do Couto, Helder Teixeira De Sousa

A review of an Asthma ED discharge Quality Improvement (QI) pathway within an Irish Hospital
Donna Langan (Galway, Ireland), Helen Mulryan, Nicola Harte, Robert Rutherford, Sally Griffiths, Clare Connolly, Olivia Healy, Michael J Harrison, Padraig Hawkins, Sinead Walsh, Ruth P Cusack

Asthma/COPD clinics' adherence to management guidelines and association with morbidity and mortality
Jenny Nilsson (Luleå, Sweden), Helena Backman, Linnea Hedman, Johanna Karlsson Sundbaum, Viktor Strandkvist, Caroline Stridsman

Beyond Medication:Rehabilitation Nursing in Asthma Management
Liliana Silva (Matosinhos, Portugal), Andreia Patrícia Oliveira Santos

Rehabilitation Nursing: Improving Respiratory Health in Primary Care
Andreia Patrícia Oliveira Santos (Fajões, Portugal), Ana Raquel Almeida Lopes, Fernanda Lúcia Tavares Almeida, Lilibeth Manuela Ribeiro Pinho, Maria Elisabete Gaspar Valente Vinhas, Sandra Cristina Almeida Pontes, Silvana Moreira Silva, Susana Raquel Dos Reis Ferreira

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Treatable traits in patients from primary care with suspected asthma
Ran Wang (Manchester (Greater Manchester), United Kingdom), Miriam Bennett, Lisa Willmore, Liam Whipday, Clare Murray, Angela Simpson, Stephen Fowler

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An analysis of Patients with Idiopathic Pulmonary Fibrosis (IPF) and their perspective on nursing consultations in an outpatient clinic
Stephanie Paag Svane (Odense C, Denmark), Camilla Bjerre Andersen, Jill Thomsen, Lene Tveen Andersen, Helle Marie Christensen

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The feasibility of performing a study on asthma diagnostics in a community and outpatient setting.
Beverly Kowlessar (London, United Kingdom), Eleanor Quek, Sam Faulkner, Hugo Farne, Ernie Wong, Sarah Elkin, Salman Siddiqui

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Prevalence of inhaler adherence and symptom burden due to critical errors in Mexican-Hispanic patients with asthma and COPD
Arturo Cortes-Telles (Merida (Yucatan), Mexico), Diana Lizbeth Ortiz-Farias, Yuri Noemi Pou-Aguilar, Liliana Angulo-Cruz, Esperanza Figueroa-Hurtado

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Investigation of Perceptions and Reactions to COPD and the Skills in Using a Metered-Dose Inhaler Among Patients with COPD
Azıze Ozdas Gundogan (Afyonkarahisar, Turkey), Dilek Sarı, Oznur Gurlek Kısacık, Ibrahim Guven Cosgun

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Evaluating a Pilot Structured Education Service in Chronic Obstructive Pulmonary Disease patients based in the Southwest London- Croydon Borough community
James Mitchell (Aberdeen, United Kingdom), Sonal Patel, Amy Grant, Lucie Louison, Diana Opara, Roshan Siva, Cielito Caneja

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Evaluation of fatigue and self-care management in individuals with COPD
Merve Kıymaç Sarı (Ataşehir, Turkey), Helin Günay

Caregiver involvement in COPD management: A systematic approach
Lisbeth Skousen Svendsen (, Denmark), Ingeborg Farver-Vestergaard, Anders Løkke, Jannie Frølund

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Does a personalised behavioural intervention enhance physical activity outcomes in pulmonary rehabilitation?
Liliana Silva (Matosinhos, Portugal), Mathew Armstrong

Assessing Rehabilitation Nurses' Satisfaction with Advanced Training in Paediatric Respiratory Re-Education
Liliana Silva (Matosinhos, Portugal), Luciana Rodrigues, Dulce Ferreira, Ana Teresa Sales, Milton Rosa

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ATELECTASIS AFTER PEDIATRIC CARDIAC SURGERY USE OF AEROBIKA® IN PULMONARY REHABILITATION - A CASE REPORT
Maria Loureiro (coimbra, Portugal), João Duarte, André Novo, Filomena Ciriaco, Cristina Seixas

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The pivotal role of antifibrotics in sparking nurse-patient relationships in IPF
Karen Parsons (Oxford, United Kingdom), Carmine Ruggiero, Emily Fraser, Ling-Pei Ho, Peter Saunders, Yvonne West, Rachel K. Hoyles

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Exercise Training in Respiratory Rehabilitation: A Long-Term Strategy
Rui Pedro Marques da Silva (Sobreira – Paredes, Portugal), Glória Maria Andrade Do Couto, Hélder Teixeira De Sousa

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Effects of a Rehabilitation Nursing Program on functional condition in a Community Setting
Rui Pedro Marques da Silva (Sobreira – Paredes, Portugal), Glória Maria Andrade Do Couto, Daniela Patrícia Dos Santos Fernandes, Eva Fátima Pinto Gonçalo, Sara Raquel Santos Campelo, Michel Paul Jesus Costa, Helder Teixeira De Sousa

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PS-19 Session 08:00 - 09:30

Poster session: Role of diet, obesity, physical activity, smoking and socioeconomic status in respiratory health

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health General respiratory patient care Pulmonary function testing Physiology

Chairs : Chair to be confirmed

Alcohol consumption and comorbidities in COPD: The role of disease severity in a population-based study
Line Bjerrehave Nielsen (Aalborg, Denmark), Signe Juul Riddersholm, Ulla Møller Weinreich

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Adherence to Mediterranean diet and severe asthma control: A multi-center cross-sectional study in Greece
Maria Sfika (Athens, Greece), Maria-Iosifina Kasdagli, Konstantinos Bartziokas, Nikoletta Kosmidou, Evangelia Fouka, Konsatntinos Porpodis, Nikoleta Bizymi, Katerina Antoniou, Nikolaos Tzanakis, Chrysoula Kontogianni, Konstantinos Samitas, Eleftherios Zervas, Christina Aggelopoulou, Konstantinos Exarchos, Athina Gogali, Konstantinos Kostikas, Labrini Kontopoulou, Ourania Kotsiou, Niki Papapostolou, Michael Makris, Miltiadis Markatos, Stelios Vittorakis, Maria Kipourou, Konstantinos Katsoulis, Emmanouil Antonakis, Ilias Papanikolaou, Savvas Katsaridis, Paschalis Steiropoulos, Eleni Tzortzaki, Georgia Papaiakovou, Nikoletta Rovina, Androniki Naska, Stylianos Loukides, Petros Bakakos

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Does diet modify the effects of air pollution on lung function? A large cross-sectional study
Pimpika Kaewsri (Leicester, United Kingdom), Samuel Cai, Frank Dudbridge, Janet Cade, Kees De Hoogh, Anna L Hansell

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Plant-based diets and the incidence of asthma symptoms in the NutriNet-Santé cohort
Arthur Junior Guets Dombou (Paris, France), Emilie Pacheco Da Silva, Benjamin Allès, Orianne Dumas, Léopold Fezeu, Nicole Le Moual, Julia Baudry, Mathilde Touvier, Serge Hercberg, Emmanuelle Kesse-Guyot, Raphaëlle Varraso

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Healthy diet is associated with better lung function, especially in individuals with asthma or COPD
Arturo Fermin Martinez Rodriguez (Groningen, Netherlands), Maaike De Vries, Eva Corpeleijn, Judith M. Vonk

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Dietary patterns and asthma incidence in adult population. Systematic review and meta-analysis.
Javier Errasti Viader (Pamplona (Navarra), Spain), Miguel Angel Martinez Gonzalez, Arantza Campo Ezquibela, Maira Bes Rastrollo

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Association between mediterranean diet and the incidence of adult onset asthma in the SUN project: a Spanish prospective cohort study.
Javier Errasti Viader (Pamplona (Navarra), Spain), Miguel Angel Martinez Gonzalez, Arantza Campo Ezquibela, Maira Bes Rastrollo

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Physical inactivity, obesity and pain in relation to asthma control in adult-onset asthma
Helena Backman (Lulea, Sweden), Sofia Winsa Lindmark, Linnea Hedman, Eva Rönmark, Viktor Strandkvist

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Obesity and respiratory health in women undergoing breast cancer surgery
Sofia Winsa Lindmark (Luleå, Sweden), Caroline Stridsman, Linnea Hedman, Nikolai Stenfors, Jenny Nilsson, Anne Lindberg, Eva Rönmark, Helena Backman, Tomi Myrberg

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Total body visceral fat and its association with lung health : observations from a community health survey.
Sapna Madas (Pune (Maharashtra), India), Monica Barne, Vandana Das, Monika Dhawale, Ashfaque Shaikh, Asmita Gaikwad, Sanskruti Kale, Vishwas Darekar, Abhishek Sabale, Sundeep Salvi

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Fat free mass index in multiparametric assesment of stable COPD patients: FODEPOC study
Daniel López Padilla (Madrid, Spain), Tamara Alonso Pérez, Rosa Malo De Molina, Raúl Moreno Zabaleta, Nuria Arenas Valls, Leonardo Saldaña, Gianna Fiona Vargas, Elena García Castillo

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UNVEILING THE HIDDEN BURDEN: THE OVERLOOKED ROLE OF BODY COMPOSITION IN COPD
Thalita Soares (Rio de Janeiro, Brazil), Michelle Cailleaux

Weight change and adult-onset asthma in western Sweden
Reshed Abohalaka (Göteborg, Sweden), Selin Ercan, Pinja Ilmarinen, Helena Backman, Linda Ekerljung, Madeleine Rådinger, Bright Nwaru, Hannu Kankaanranta

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Low Vitamin K Status and Risk of Chronic Obstructive Pulmonary Disease. A post-hoc analysis of two observational studies | Data from the CODEX-P and DanFunD study.
Pradeesh Sivapalan (Gentofte, Denmark), Daniel Alexander Ackermann, Allan Linneberg, Ema Rastoder, Anna Kubel Vognsen, Anne Ahrendt Bjerregaard, Lennart Friis-Hansen, Niklas Rye Jørgensen, Caroline Hedsund, Niklas Dyrby Johansen, Daniel Modin, Maria Dons, Mats C. Højbjerg Lassen, Kristoffer Grundtvig Skaarup, Ditte Vesterlev, Mia Moberg, Julie Janner, Josefin Eklöf, Lars Pedersen, Elisabeth Bendstrup, Christian B. Laursen, Jørn Carlsen, Tor Biering-Sørensen, Jens-Ulrik Stæhr Jensen

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Incarcerated Patients in Pulmonology: A Hidden Population with an Elevated Lung Cancer Risk
Fatma Tokgöz Akyil (Istanbul, Turkey), Gülfidan Aras, Çiğdem Sabancı, Sida Gösterici, Hanife Şahin, Muzaffer Metin

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Prevalence of smoking and diagnosis of chronic respiratory diseases in social minorities: The INSPIRE Program
Marilia Machado (Botucatu, Brazil), Robson Prudente, Amanda Mendonça, Beatriz Correa, Bianca Costa, Bruno Barioni, Danilo Ferrari, Estefânia Franco, Felipe Silva, Flávio Vinícius Xavier, Gabriel Artiga, Giovana Holouka, Gustavo Hruschka, Gustavo Rios, Ícaro Lopes, Ígor Júnior Costa, Ivana Aguiar, Jéssica Geronutti, Jonathas Morais, Karen Miyamoto, Letícia Ishimoto, Liana Coelho, Luís Fernando Brizola, Maercio Santos, Mariana Dorna, Matheus Callegari, Pâmela Dourado, Talita Cezare, Vinícius Gonçales, Vinícius Maehara, Fernando Houguin, Irma Godoy, Juan Wisnivesky, Marc Miravitlles, Marina Okoshi, Thomas Schreck, Erica Hasimoto, Suzana Tanni

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The role of neighbourhood-level sociodemographic and socioeconomic characteristics on the physical activity of people with COPD
Roger Vásquez-Andrade (Barcelona, Spain), Laura Delgado-Ortiz, Ane Arbillaga-Etxarri, Elena Gimeno-Santos, Eva Balcells, Nuria Celorrio, Jordi Vilaró, Diego Rodríguez-Charadía, Robert Rodríguez-Roisin, Pere Simonet, Pere Vall-Casas, Judith Garcia-Aymerich

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Sociodemographic Profile and Clinical Outcomes in Bronchiectasis
Okan Gürbüz (Adana, Turkey), Efraim Güzel, Bengu Cürük Gürbüz, Oya Baydar Toprak

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Reporting of participant ethnicity and socioeconomic status in high impact respiratory journals: A targeted literature review
Ishani Kenny (London, United Kingdom), Caitlin Meechan, Georgia Hopley, Rachel Snow, Arjun Menon, Diana David, Natasha Manuelpillai, Obada Kattan, Keir E J Philip

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Impact of Financial Incentives on Greener Inhaler Prescribing: A Retrospective Observational Study Using National Primary Care Data in England
Aleksandra Ola Howell (Oxford, United Kingdom), Matthew Jones, Anita Mcgrogan

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PS-6 Session 08:00 - 09:30

Poster session: Decoding fibrotic and inflammatory pathways in lung disease

Disease(s) : Interstitial lung diseases | Airway diseases | Respiratory critical care | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Physiology | Imaging

Chairs : Audrey Joannes (RENNES, France), Tom Voisin (Montréal, Canada)

IL-9-producing PP4-deficiency macrophages exacerbate lung inflammation and fibrosis via p38-SGK1 axis
Feng-Ming Yang (Taipei, Taiwan)

Harnessing the power of miR200a: targeting matrix metalloproteinases to combat pulmonary fibrosis
JEENA TM (Mangalore, India), Rakshitha Charavu, Akarsha B Jain, Aleena Varudhese, Fathimath Muneesa

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Characterization of a novel inhaled DDR kinase-domain inhibitor in human precision-cut lung slices (PCLuS) from IPF patients
Serena Bertolini (Parma (PR), Italy), Lee Borthwick, Fabio Bignami, Laura Carzaniga, Alessandro Fioni, Allisson Freire Bento, Valentina Mileo, Annalisa Murgo, Andrea Rizzi, Fabio Vaccaro, Gino Villetti, Anna Maria Capelli

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Aryl hydrocarbon receptor (AhR) as a Regulator of Pulmonary Fibrosis: Gene Expression Analysis and Therapeutic Implications
Yu-Cheng Wu (Taichung City, Taiwan), Pin-Kuei Fu, Meei-Ling Sheu

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Impact of loss-of-function mutations in the MARS1 gene on cellular stress responses in human fibroblasts
Apolline Gonsard (Paris, France), Anais Le, Mairead Kelly-Aubert, Anita Golec, Elise Dreano, Aurélie Hatton, Iwona Pranke, Benoit Chevalier, Alexandre Hinzpeter, Isabelle Sermet-Gaudelus, Alice Hadchouel

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SUN1 Accumulation mediates nuclear alteration, a novel hallmark driving Pulmonary hypertension.
Samuel Olapoju (Giessen, Germany), Sarah Eve-Lemay, Prakash Chelladurai, Tara Procida, Anoop Cherian, Dmitry A Goncharov, Golnaz Hesami, Stefan Gunther, Marek Bartkuhn, Werner Seeger, Konda Babu Kurakula, Rajkumar Savai, Elena A. Goncharova, Sébastien Bonnet, Soni Savai Pullamsetti

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Impact of pulmonary arterial hypertension therapy on pulmonary artery endothelial cells harvested during right heart catheterization
Anna Sardiné (Barcelona, Spain), Ricardo Aguilar, Rita Fernández-Hernández, Isabel Blanco, Ylenia Roger, Adelaida Bosacoma, Ana Ramírez, Aránzazu Rosado, Alberto Benguría, Ana Dopazo, Victor Peinado, Olga Tura-Ceide, Joan Albert Barberà

Pentadecanoic Acid Attenuates Pulmonary Fibrosis by Inhibiting Smad2/3 Signaling
Yeyoung Kim (Seoul, Republic of Korea), Yejin Han, Gye Sun Jeon, Jin Woo Song

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Spontaneous remission of asthma is associated with an increase in ciliated cells and loss of hillock-like cells
Tessa Gillett (Groningen, Netherlands), Hui Wen, Aurore Gay, Martin Banchero, Marijn Berg, Jelmer Vlasma, Tessa Kole, Leonie Apperloo, Petra Van Der Velde, Marnix Jonker, Djoke Van Goslinga, Laura Hesse, Kerstin Meyer, Sarah Teichmann, Gerard Koppelman, Maarten Van Den Berge, Martijn Nawijn

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Advanced patient-derived lung-on-chip model replicating the human pulmonary microenvironment
Lea de Maddalena (Bern, Switzerland), Giulia Raggi, Yuliana Tan, Sai Pavan Grandhi, Nicole Albrecher, Laurène Froment, Judith Kamper, Katrina Wisdom, Sarah Hopkins, Nina Hobi

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Lyn kinase palmitoylation promotes eosinophil activation and allergic airway inflammation via ST2 signaling.
Shenwei Gao (Hangzhou, China), Fangyi Yu, Yinfang Wu, Zhihua Chen, Wen Li

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Characterization of the systemic impact of glucocorticoid-treated exacerbation of COPD in a novel mouse model
Justine Michelle Webster (Maastricht, Netherlands), Sandra J. Van Krimpen, Peiyu Qiu, Behzad Rezaeifar, Sami O. Simons, Annemie M.W.J. Schols, Harry R. Gosker, Ramon C.J. Langen

A human systemic model for concurrent evaluation of antibody-drug conjugates efficacy and interstitial lung disease risk
Guy Barbin (Genève, Switzerland)

Unveiling the impact of VEGFR2/KDR modulation on pulmonary microvascular endothelial cells in COPD/emphysema
Wenjun He (Amsterdam, Netherlands), Xiaoke Pan, Xiaoqing Sun, Beau Neep, Harm Jan Bogaard, Jurjan Aman

Effect of Cyclical Mechanical stretch on gene expression in airway smooth muscle
Ahmed Alshihry (nottingham, United Kingdom), Poojitha Rajasekar, Jamie Patel, Dominick E Shaw, Simon R Jonhson, Amanda Tatler, Rachel L Clifford

Sex-dependent Fth1 regulation shapes heterogeneous neutrophil mitochondrial dysfunction in acute lung injury
Ximing Liao (Shanghai, China), Di Wu, Jing Gao, Kun Wang, Qiang Li, Wei Gao

Single-cell characterization of loss of mouse Protocadherin-1, a gene for airway hyperresponsiveness
Bao-Han Ly (Groningen, Netherlands), Uilke Brouwer, Laura Hesse, Arjen Petersen, Lisette Den Boef, Marnix Jonker, Djoke Van Gosliga, Jolanda Van Hengel, Frans Van Roy, Tino Hochepied, Gerard Koppelman, Martijn Nawijn

LSC - 2025 - Modeling COPD with a complex tubular distal airway model integrating the epithelial and mesenchymal compartments
Katharina Raasch (Pessac, France), Elise Maurat, Eloïse Latouille, Aurélien Richard, Alexander M. Leipold, Pauline Henrot, Maeva Zysman, Renaud Prevel, Thomas Trian, Tobias Krammer, Vanessa Bergeron, Matthieu Thumerel, Pierre Nassoy, Patrick Berger, Antoine-Emmanuel Saliba, Laetitia Andrique, Gaëlle Recher, Isabelle Dupin

A 3D lung Model for anti fibrotic drug discovery
Gessica Marchini (Parma (PR), Italy), Emanuela Bocchi, Vanessa Pitozzi, Marcello Trevisani, Gino Villetti, Francesca Ruscitti

PS-8 Session 08:00 - 09:30

Poster session: Emerging mechanisms in interstitial lung disease

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases | Respiratory critical care

Method(s) : Cell and molecular biology | Imaging

Chairs : Theodore Kapellos (Munich, Germany), Chair to be confirmed

Lysophosphatidylcholine as a Promising Target for Pulmonary Fibrosis
juntang yang (Xinxiang, China), Lan Wang, Guoying Yu

Differential transcriptomic profiles of peripheral blood mononuclear cells in progressive and stable forms of interstitial lung diseases
Minna Purokivi (Kuopio, Finland), Tanja Turunen, Minna Mononen, Siri Lehtonen, Hannele Hasala, Toomas Uibu, Eeva Saari, Riitta Kaarteenaho, Marjut Roponen

Macrophage Plasticity in Pulmonary Fibrosis Pathogenesis and Resolution
Lan Wang (Xinxiang (Henan), China), Zhongzheng Li, Siqi Long, Guoying Yu

Lung fibroblast specific superoxide dismutase 3 activates PI3K-AKT signaling and promotes lung fibrosis
Wenxiu Xu (Beijing, China), Shiyao Wang, Huaping Dai

Sirtuin2 deficiency suppresses bleomycin-induced pulmonary fibrosis
Kyoung-Hee Lee (Seoul, Republic of Korea), Jimyung Park, Chul-Gyu Yoo, Jisu Woo, Jiyeon Kim, Hyun Seung Lee, Nakwon Kwak, Sun Mi Choi, Chang-Hoon Lee, Sang-Min Lee

Characterisation of Src-family kinase inhibitors in lung fibroblasts shows distinct signalling complexes required for matrix synthesis and differentiation
Madeleine Rossanese (London, United Kingdom), Gessica Marchini, Gloria Modafferi, Barbara Pioselli, Gino Villetti, Rachel Walters, Annabel Kunzemann Martinez, Manuela Platé, Rachel C Chambers

Epithelial-PCSK6 induces proliferation and decreases collagen deposition of fibroblasts through MMP activation
Qian Tian (Amsterdam, Netherlands), Annemiek Dijkhuis, Tom Van Der Poll, Esther Remmerswaal, C. Arnold Spek, Jan Willem Duitman

Osteoglycin fragment suppresses fibroblast activation and promotes lung tissue repair
Luke Van Der Koog (Groningen, Netherlands), Manon Woest, Robin Elferink, Erik Frijlink, Anika Nagelkerke, Reinoud Gosens

Metabolic profiling of blood serum in Post-Covid-19 Pulmonary Fibrosis via NMR
Afsa Junaid (New Delhi, India), Geetanjali Bade, Anjana Talwar, Virendra Kumar, Pradeep Kumar, Shivalika Sharma Bahukhandi, Anant Mohan, Saurabh Mittal

Time course transcriptome analysis of a bleomycin-induced lung fibrosis mouse model
Francesca Ruscitti (Parma (PR), Italy), Sofia Beghi, Paola Caruso, Emanuela Bocchi Bocchi, Mariafrancesca Caputi, Marcello Trevisani, Barbara Montanini, Marco Morselli, Vanessa Pitozzi

The role of Myristic acid in the pathogenesis of pulmonary fibrosis
Han YeJin (Seoul, Republic of Korea), Kim Yeyeong, Jeon Gyesun, Song Jinwoo

An antisense oligonucleotide targeting HSPB5 as an innovating therapeutic approach in pulmonary fibrosis
Olivier Burgy (Dijon, France), Pierre-Marie Boutanquoi, Lenny Pommerolle, Julie Tanguy, Lucile Dondaine, Léo Biziorek, Marine Gautier-Isola, Bernard Mari, Palma Rocchi, Philippe Barthelemy, Guillaume Beltramo, Pierre-Simon Bellaye, Carmen Garrido, Philippe Bonniaud, Françoise Goirand

Lung cellular senescence in a mouse model of idiopathic pulmonary fibrosis induced by repetitive bleomycin installations
Stefanie H. Korntner (Hørsholm, Denmark), Asbjørn Graver Petersen, Stine M. Jansen, Susanne E. Pors, Linn Salto Mamsen, Mikkel Christensen-Dalsgaard, Yessica Wouters Van Looy, Henrik H. Hansen, Michael Feigh

Antifibrotics target discrete pathogen-associated inflammatory responses in lung cells
Lavanya Raman (Fareham (Hampshire), United Kingdom), Hime Gashaw, Matthew Rickman, Blerina Ahmetaj-Shala, Peter George, Jane Mitchell

A translatable, human pulmonary edema model enables target and drug discovery in idiopathic pulmonary fibrosis exacerbation
Irina Shalashova (Gießen, Germany), Marina Bleck, Ryan Sheehan, John Dalton, Annalena Branz, Heiko Olbrich, Lukasz Boryn, Werner Rust, Michèl Przibilla, Bärbel Lämmle, Alec Dick, Alexander Klimowicz, Matthew J. Thomas, Shawn Anderson, Muriel Lizé

Design of biomimetic platform for drug testing in pulmonary fibrosis
Alessia Cagnan (Modena, Italy), Tiziana Petrachi, Elena Veronesi, Massimo Dominici, Gessica Marchini, Gino Villetti

Effect of diesel exhaust particles on myogenic differentiation and skeletal muscle atrophy: mechanisms regulating the AT-motif binding factor 1 sublocalization and the p-STAT3 signaling pathway
MinJu Kang (Cheongju-si, Chungcheongbuk-do,, Republic of Korea), Jihye Bang, Han Byul Jang, Hyeon Soo Kim, Hyun Joung Lim, Kyung-Ok Uhm

Role of tissue factor in NETosis, inflammation, and coagulation during lung injury: in Vitro and in Vivo approach
Aleena Varughese (Deralakatte (Karnataka), India), Akarsha B Jain, Fathimath Muneesa, Jeena Tm, Rakshitha Charavu

AI-assisted automated Ashcroft scoring of lung fibrosis in spirometry-confirmed and bleomycin-induced mouse model of idiopathic pulmonary fibrosis
Linn Salto Mamsen (Hørsholm, Denmark), Stefanie H. Korntner, Stine M. Jansen, Susanne E Pors, Denise Oró, Asbjørn Graver Petersen, Casper Gravesen Salinas, Henrik H Hansen, Michael Feigh

Divergent Oncostatin M receptor-driven pathways across fibrotic and inflammatory conditions
Andrew Thorley (South San Francisco, United States), Shadi Eshghi, Effi Kenigsberg, Jason Vander Heiden, Mary Keir, Jason Rock

PS-35 Session 08:00 - 09:30

Poster session: Translational science in interstitial lung disease 1

Disease(s) : Interstitial lung diseases | Thoracic oncology | Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Epidemiology | Public health

Chairs : Chair to be confirmed

Altered CD71 Expression in Peripheral Immune Cells Suggests Systemic Iron Dysregulation in Idiopathic Pulmonary Fibrosis
Niamh Boyle (Celbridge, Ireland), Julie Worrell, Kathryn Duvall, Amina Jouida, Emmet Mcgrath, Michael. P Keane, Cormac Mccarthy, Adam. J Byrne

Empagliflozin ameliorates pulmonary fibrosis by alleviating iron accumulation and ferroptosis via the TFEB-ACSL4 pathway
Yajing Li (Tianjin, China), Shuangyu Han, Jing Zhang, Yubao Wang, Jing Feng

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Spatial transcriptomics identifies the specific signature of myofibroblasts within fibroblastic foci
Avraham Unterman (Tel Aviv, Israel), Ophir Freund, Doron Cohn-Schwartz, Sarah Borsekofsky, Liran Levy, Amir Bar-Shai, Naftali Kaminski, Yan Stein

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Arginase inhibitor AZD8965: A novel therapeutic approach for idiopathic pulmonary fibrosis
Theresa Andreasson (Mölndal, Sweden), Madelene Lindqvist, Aaron Berlin, Antonio Piras, Madeleine Engsevi, Ewa Kolosionek, Stina Stomilovic, Anders Lundqvist, Lina Odqvist, Annika Borde, Mark Birrell

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CHIT1+ macrophages drive alveolar epithelial changes in early idiopathic pulmonary fibrosis
Hyeon Kyu Choi (Souel, Republic of Korea), Gaeul Bang, Mi Hwa Shin, Ju Hye Shin, Shihwan Jang, Ala Woo, Song Yee Kim, Hyo Sup Shim, Young Joo Suh, Ha Eun Kim, Jin Gu Lee, Chul Hoon Kim, Jinwook Choi, Seung Hee Hong, Moo Suk Park

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Analysis of the Composition of Particulate matter in lung tissue from Idiopathic Pulmonary Fibrosis
Alice Young Kang (Aachen, Germany), Janik Riese, Edith Katharina Plucinski, Stephan Rütten, Mohamed Naeem Mohannad Assasa, Birger Tielemans, Michael Dreher, Danny Jonigk, Mark Philipp Kühnel

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Immunopeptidiomics profiling in idiopathic pulmonary fibrosis provides a new platform for identifying therapeutic targets
Xiawei Wei (Chengdu, China), Tianxia Lan, Ziyi Bai

Intranasal Engineered Mitochondria Vaccines Target WT1 for Idiopathic Pulmonary Fibrosis Therapy
Haiying Que (Chengdu, China), Xiawei Wei, Qingfang Li, Minyang Fu, Shaoxiong Huang, Jiayu Wang, Qiaonan Hong

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The role of TRPM7 in human lung myofibroblast profibrotic function
Mathuscha Ratnasingham (Leicester, United Kingdom), Sahana Narayanan, Amelia J Kelly, Poojitha Rajasekar, Peter Bradding, Stephen Mark Duffy, F David Horgen, Carol Feghali-Bostwick, Rachel Clifford, Katy M Roach

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Inhaled Administration of Therapeutic siRNA for Pulmonary Fibrosis: CD105 as a Novel Molecular Target
Erika Esposito (Napoli, Italy), Chiara Indolfi, Melania Correale, Susy Brusco, Ersilia Villano, Emma Mitidieri, Gabriella Costabile, Francesca Ungaro, Raffaella Sorrentino, Roberta D'Emmanuele Di Villa Bianca

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Regulatory T cell phenotype in post-COVID19 Lung Fibrosis and Idiopathic Pulmonary Fibrosis
Sara Gangi (siena, Italy), Laura Bergantini, Irene Paggi, Marco Spalletti, Paolo Cameli, Elena Bargagli, Miriana D'Alessandro

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Programmed Death–Ligand 1 expression in interstitial lung diseases associated lung cancer
Gioele Castelli (Padova, Italy), Elisabetta Cocconcelli, Matteo Scordari, Nicol Bernardinello, Serena Bellani, Matteo Daverio, Umberto Semenzato, Federica Pezzuto, Paolo Spagnolo, Fiorella Calabrese, Elisabetta Balestro

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KIF15 knockout in IPF lung derived stromal cell line suppresses TRPV2
Riitta Kaarteenaho (Oulu, Finland), Aki Manninen, Siri Lehtonen

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Spatial expression of lysosomal associated membrane protein 3 (LAMP3) in pulmonary fibrosis
Dimitrios Kalafatis (Lund, Sweden), Barbora Svobodová, Anna Cederberg, Göran Dellgren, Gunilla Westergren-Thorsson

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Endothelial-to-mesenchymal transition in human pulmonary microvascular endothelial cells
Da-Hee Park (Hannover, Germany), Stephanie Schubert, Julia Rückoldt, Edith K.J. Plucinski, Jannik Ruwisch, Lara-Jasmin Schröder, Robert Geffers, Marius M. Hoeper, Danny D. Jonigk, Mark P. Kuehnel, Lavinia Neubert, Jan C. Kamp

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LSC - 2025 - Desmoplakin loss induces Wnt/β-catenin-dependent fibrotic gene expression and promotes pulmonar y fibrosis development
Pooja Singh (Delhi, India), Krishnendu Chakraborty, Ritushree Kukreti

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In vitro primary human alveolar epithelium/endothelium and fibroblast model: a tool for investigating IPF and treatment strategies
Cindia Ferreira Lopes (Plan-les-Ouates, Switzerland), Maciej Gusciora, Maxim Marfin, Dieu Khanh An Nguyen, Mireille Caul-Futy, Song Huang, Bernadett Boda, Samuel Constant

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The role of hydrogen sulphide in TGF-β1-induced pulmonary fibrosis in human lung tissues
Furkan Kaya (Ankara, Turkey), Reshed Abohalaka, Yasemin Karaman, Esra Büber, Olcay Kurtulan, Serkan Uysal, Erkan Dikmen, Sevgen Çelik Önder, Zeliha Günnur Dikmen, Ayşen Günel Özcan, Turgut Emrah Bozkurt

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Expression of B and T cells in lung tissue is associated with smoking and forced vital capacity in idiopathic pulmonary fibrosis and familial pulmonary fibrosis
Hanna Jaula (Oulu, Finland), Mervi Kreus, Anne Heikkinen, Johanna Leppänen, Terttu Harju, Elisa Lappi-Blanco, Riitta Kaarteenaho

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Gut microbiome in idiopathic pulmonary fibrosis
John Kim (Charlottesville, United States), Abby Loe, Shwu-Fan Ma, Jay Lipinski, Piyush Ranjan, Fernando Martinez, Susan Murray, Imre Noth, David O'Dwyer

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PS-39 Session 08:00 - 09:30

Poster session: Emphysema and chronic bronchitis interventional pulmonology treatment

Disease(s) : Airway diseases

Method(s) : Endoscopy and interventional pulmonology Surgery General respiratory patient care Imaging Pulmonary function testing

Chairs : Chair to be confirmed

Bronchoscopic thermal vapor ablation (BTVA) in patients with severe upper lobe emphysema: Lung function outcomes of a prospective international registry
Konstantina Kontogianni (Heidelberg, Germany), Franziska Trudzinski, Susanne Dittrich, Kaid Darwiche, Stephan Eisenmann, Joachim Ficker, Daniel Franzen, Wolfgang Gesierich, Christian Grah, Peter Hammerl, Martin Hetzel, Felix Herth, Arschang Valipour

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Retrospective analysis of bronchoscopic thermal vapor ablation (BTVA) in 21 emphysema patients: Evaluating the impact of subsegmental dose matching
Jiayuan Sun (Shanghai, China), Han Yang, Si Chen

Gender-specific differences in lung function response after bronchoscopic thermal vapour ablation (BTVA): a retrospective analysis of the international BTVA registry
Franziska Trudzinski (Heidelberg, Germany), Konstantina Kontogianni, Susanne Dittrich, Arschang Valipour, Stephan Eisenmann, Joachim Ficker, Daniel Franzen, Wolfgang Gesierich, Christian Grah, Peter Hammerl, Martin Hetzel, Felix Herth, Kaid Darwiche

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Airway Bypass Safety and Feasibility Study (AIRWAY): Initial Observations
Felix J.F. Herth (Heidelberg, Germany), David Tchkonia, Khatuna Shvelidz, Teona Mskhaladze, Tamar Beburidze, Tornike Jashi, Mikolay Chkonia, Mariam Silagava

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Novel Endobronchial Silicone Valve for Treating Chronic Obstructive Pulmonary Disease: A Preclinical Trial and First-In-Human Study
Gang Hou (Beijing, China), Mingming Deng, Ziwen Zheng

Successful endobronchial valve treatment in patients with an incomplete right upper lobe fissure
Jorrit Welling (Groningen, Netherlands), Karin Klooster, David Koster, Harm Tiddens, Jean-Paul Charbonnier, Dirk-Jan Slebos

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Fissure Completion for Lung Volume Reduction with Endobronchial Valves' kick off in France!
Thomas Egenod (Limoges, France), Jeremy Tricard, Geoffrey Brioude, Elsa Clapaud, Virgile Caban, Yannick Simonneau, Benoit Aguado, Florent Favard, Benjamin Coiffard, Alain Vergnenegre, Hervé Dutau, Pascal Thomas

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Does the degree of heterogeneity influence outcomes following Bronchoscopic Lung Volume Reduction (BLVR)
Ahmad Raza (Philadelphia, United States), Nathaniel Marchetti, Hussain Siddiqi, Jiji Thomas, Nicole Patlakh, Gerard Criner

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Comparison of efficacy and safety of endoscopic lung volume reduction with one-way valves in patients with severe homogeneous or heterogenous lung emphysema
Thomas Sgarbossa (Berlin, Germany), Franz Stanzel, Stefan Andreas, Stephan Eisenmann, Bernd Schmidt, Wolfgang Gesierich, Nicolas Dickgreber, Christian Geltner, Joachim H. Ficker, Angelique Holland, Björn Schwick, Stephan Eggeling, Christian Grah, Urte Sommerwerck, Andreas Fertl, Sylke Kurz, Peter Schramm, Joachim Pfannschmidt, Grit Barten, Ralf Eberhardt, Martin Witzenrath, Ralf-Harto Hübner

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Assessment of efficacy and safety of endoscopic lung volume reduction with one-way valves in an older age cohort in patients with severe lung emphysema
Thomas Sgarbossa (Berlin, Germany), Ralf-Harto Hübner, Franz Stanzel, Stefan Andreas, Bernd Schmidt, Wolfgang Gesierich, Nicolas Dickgreber, Christian Geltner, Joachim H. Ficker, Angelique Holland, Björn Schwick, Stephan Eggeling, Ralf Eberhardt, Christian Grah, Christoph Hünermann, Urte Sommerwerck, Andreas Fertl, Sylke Kurz, Peter Schramm, Joachim Pfannschmidt, Stephan Eisenmann

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Sex differences in outcome after endoscopic lung volume reduction in patients with emphysema: A retrospective analysis of the german lung emphysema registry group
Ralf Eberhardt (Hamburg, Germany), Elvin Atug, Franziska Trudzinski, Angelique Holland, Christian Grah, Ral-Harto Huebner, Franz Stanzel, Stephan Eggeling, Bernd Schmidt, Sylke Kurz, Stephan Eisenmann, Joanna Krist, Joachim Ficker, Björn Wiesemann, Wolfgang Gesierich

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Mucus plug reduction after endobronchial valve implantation – Results from the MMCOPD study
Judith Brock (Heidelberg, Germany), Susanne Dittrich, Konstantina Kontogianni, Felix Herth, Philip Blanke, Cameron J. Hague, Makayla Herdliska, Samuel Peterson, Susan Wood, Rachel L Eddy

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A multidisciplinary approach to Surgical or Bronchoscopic Lung Volume Reduction for the treatment of severe emphysema
Wim Janssens (Leuven, Belgium), Stefanie Everaerts, Nicole Filipow, Iwein Gyselinck, Hannelore Geysen, Iven Niesten, Dimitri Stylemans, Geert Verleden, Astrid Blondeel, Arne Neyrinck, Johan Coolen, Christophe Dooms, Dirk Van Raemdonck, Laurens Ceulemans

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Efficacy and Safety of Bronchoscopic Treatment of Giant Bulla with one-way valves assistated with Chartis or CBCT
Guangfa Wang (Beijing, China), Wentao Li, Fangfang Guo, Yan Hu, Jiping Liao, Xi Wang, Junfang Huang, Kunyao Yu

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Alternative Methods to Screen Eligible Patients for Bronchoscopic Lung Volume Reduction (BLVR)
Masamichi Mineshita (Kawasaki (Kanagawa), Japan), Daisuke Kinose, Yasutaka Nakano

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Bronchial Rheoplasty for Chronic Bronchitis in COPD Patients – Interim Analysis from RheOx China Study
Guangfa Wang (Beijing, China), Zhi Xu, Shiyue Li, Enguo Chen, Changhui Wang, Pinhua Pan, Daoxin Wang, Mingzhou Zhang, Chunli Tang, Jiping Liao, Yan Hu, Jisong Zhang, Xiaolian Song, Jingjing Liu, Jing He, Yuhang Guo, Huihui Hu, Yanli Yang, Fangfang Guo

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Improvement in quality of life after endoscopic lung volume reduction
Stephany Ivonne Briones Alvarado (Madrid, Spain), Jose Daniel Cordero Marquez, Angelica María Quito Parra, Rafael Gregorio Marulanda Melo, Paola Antonella Bendetti, Virginia Gallo, Vanessa Gabriella Del Valle Gomez Sisso, Marta Guajardo Madorrán, Gabriella Manzanares Cavin, Katiuska Herminia Liendo Martinez, Sergio Suarez Escudero, Cristina Sanchez Fernandez, Cristhian Correo Gutierrez, Marcelino Sanchez Casado, Javier Garcia Lopez

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Bronchoscopic lung volume reduction significantly improves muscle function and fatigue, but does not impact sleep in severe emphysema
Else A M D ter Haar (Groningen, Netherlands), Dirk-Jan Slebos, Jorine E Hartman

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PS-31 Session 08:00 - 09:30

Poster session: Tuberculosis: diagnostic challenges

Disease(s) : Airway diseases

Method(s) : Public health Cell and molecular biology General respiratory patient care Pulmonary function testing Epidemiology Endoscopy and interventional pulmonology

Chairs : Chair to be confirmed

Nanopore sequencing insights into bedaquiline, clofazimine, and delamanid resistance in drug-resistant mycobacterium tuberculosis isolates from treatment-naïve patients in north india
Rashmi Ratnam (Lucknow, India), Parul Jain, Amita Jain, Varun P Singh, Urmila Singh, R A S Kushwaha

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Feasibility of Truenat assay in detecting Mycobacterium tuberculosis in stool and gastric aspirate samples from children with pulmonary tuberculosis.
Parul Jain (Lucknow, India), Rashmi Ratnam, Amita Jain

Predicting Xpert Ultra MTB/RIF Semi-quantitative load and AFB smear grade using Xpert Ultra MTB/RIF cycle threshold
Shera Tan (Singapore, Singapore), Lovel Galamay, Timothy Mark Sebastian Barkham, Huixian Woo, Bin Eng Cynthia Chee, Yee Tang Wang

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Discordance between genotypic and phenotypic fluoroquinolone resistance testing in Mycobacterium tuberculosis: an overlooked problem
Atin Singhai (Lucknow, India), Parul Jain, Rashmi Ratnam, Amita Jain

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A Novel Flow Cytometry-Based Assay for Differentiating Mycobacterium tuberculosis Infection and Disease
Karolina Doležalová (Praha 2, Czech Republic), Markéta Ibrahimova, Jaroslav Golias, Emilia Kopecka, Lubos Baca, Iva Hricikova, Martina Koziar Vasakova

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MiRNA profiling in exhaled breath condensate of pulmonary TB and extrapulmonary TB patients: A pilot study
jaya tak (New Delhi, India), Bijay Pattnaik, Divyanjali Rai, Adwika P.P., Naveen Bhatraju, Bangaru Sunil, Seetu Kashyap, Uma Shanker, Geetika Yadav, R.S. Dhaliwal, Anurag Agarwal, Karan Madan, Vijay Hadda, Saurabh Mittal, Pawan Tiwari, Tapasya Srivastava, Anant Mohan

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EXPERIENCE OF APPLYING WHOLE-GENOME SEQUENCING (WGS) IN THE DETECTION OF RESISTANCE IN MYCOBACTERIUM TUBERCULOSIS COMPLEX IN SEVILLE, SPAIN.
ANTONIO León Lloreda (Tomares, Spain), Eva Tabernero Huget, Luis Anibarro Garcia, Teresa Rodrigo Sanz, Marisol Dominguez Alvarez, Mariara Calderon Alcala, Francisco Campos Rodriguez, Jose Antonio Gullon Blanco, Josefina Sabria Mestas, Isabel Suarez, Juan Francisco Medina Gallardo

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Level of minimal inhibitory concentration and pattern of genotypic mutations for results evaluation of drug susceptibility testing of M. tuberculosis
Nelly Ciobanu (Chisinau, Republic of Moldova), Doina Rusu, Alexandru Codrearanu, Nadejda Turcanu, Dumitru Chesov, Valeriu Crudu

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Is bronchoscopy a valuable diagnostic option for smear-negative pulmonary tuberculosis ?
mohamed karim darragi (Ariana, Tunisia), Sonia Toujani, Khadija Euchi, Abir Hedhli, Sana Cheikhrouhou, Mariem Mjid, Basma Dhahri

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Clinical characteristics of patients with Tuberculous pleuritis and low pleural fluid adenosine deaminase levels
Si Ling Young (Singapore, Singapore), Brian Lee Wei Chua, Qiao Li Tan, Carrie Kah Lai Leong, Jane Jing Yi Wong, Ivana Gilcrist Chiew Sian Phua, Wen Ting Lim, Ken Junyang Goh

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Development of a clinical prediction model for the diagnosis of tuberculous pleural effusion in a resource-limited setting
Cary Amiel Villanueva (Manila, Philippines), Aila Marnelle Cruz, Kaiser Marr Cruz, Timothy Carl Uy, Stephen Jun Villejo, Joel Santiaguel

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SIRPγ Drives CD8+ T Cell Exhaustion and Immunosuppression in Tuberculous Pleural Effusion
Yuening Yang (Wuhan, China), Yiheng Du, Bohan Yang, Wenbei Peng, Qiong Zhou

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QuantiFERON TB Gold in the diagnosis of Tuberculosis Pleural Effusion
Alice Barbosa Carneiro de Araujo Pinho (São Paulo, Brazil), Milena Marques Oagliarelli Acencio, João Ricardo Signoretti Alexandre, Carlos Sergio Rocha Silva, Karina Rocha Pereira, João Luis Reis Freitas, Enrico Fortunato, Lisete Ribeiro Teixeira, Roberta Karla Sales

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Effect and efficiency of experimental heterocyclic compounds on mycobacteria tuberculosis
Inga Yeremenchuk (Chernivtsi, Ukraine), Liliia Todoriko

Diagnostic value of pleural fluid interferon-gamma levels in the diagnosis of Tubercular pleural effusion in an Indian patient cohort
Devasahayam Jesudas Christopher (Vellore (Tamil Nadu), India), Nadesan Priya, Manoj Kumar Kingsley, Vinita Ernest

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AlphaFold3 to predict bedaquiline resistance through structural analysis of MmpR5 MTB variants
Max O'Donnell (Brooklyn, United States), Shamim Al Jubaer, Erica Hernandez, Brianna Weiss, Camus Nimmo, Rubeshan Perumal, Michelle Larsen

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A novel immuno-isothermal assay for detecting tuberculosis in urine
Marcia Ashmi (LONDON, United Kingdom), Changchunzi He, Francis Drobniewski

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7A Session 08:30 - 10:00

Symposium: Long COVID 5 years on: where are we and where do we need to be?

Long COVID in 2025

Aims : to focus on long COVID 5 years after the COVID-19 pandemic started; to provide the latest insights into the underlying pathophysiology, respiratory sequelae such as post-COVID interstitial lung disease, therapeutic options including rehabilitation and healthcare models for people with long COVID; to provide a global perspective on future directions for research and clinical care of people living with long COVID.

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Respiratory infections

Method(s) : Cell and molecular biology Physiology Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Rainer Gloeckl (Schoenau am Koenigssee, Germany), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom), Jamilah Meghji (London, United Kingdom)

08:30	**Mechanisms underlying long COVID: towards a personalised medicine approach for clinical care and trials** Rachael A. Evans (Leicester (Leicestershire), United Kingdom)
08:45	**Post-COVID lung disease: prevalence, treatment and prognosis in 2025** Claudia Valenzuela (Madrid, Spain)
09:00	**Rehabilitation for long COVID and post-COVID interstitial lung disease: what do we know in 2025?** Tessa Schneeberger (Schönau am Königssee, Germany)
09:15	**World Health Organization Europe: perspective on long COVID 5 years on** Joan B Soriano (Madrid, Spain)
09:30	**Discussion and Q&A** Speaker to be confirmed

5A Session 08:30 - 10:00

Symposium: Treatment decisions in non-tuberculous mycobacteria lung disease: when to start, when to (de)escalate and when to stop?

Aims : to look beyond the 2020 NTM management guidelines addressing common issues of when to start and stop antimicrobial therapy; to learn about the most recent advances in biomarker research for non-tuberculous mycobacteria (NTM) disease activity and treatment response, which can inform treatment decisions; to get the latest insights into the host immune response to NTM and possible translations to host-directed therapies.

Disease(s) : Airway diseases Respiratory infections

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical, Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Journalist

Chairs : Natalie Lorent (Leuven, Belgium), Giovanni Fumagalli (Milano, Italy), Barbara Hoffmann (Düsseldorf, Germany)

08:30	**When should antimicrobial therapy be started in NTM pulmonary disease? Different perspectives** Heinke Kunst (London, United Kingdom)
08:45	**The critical role of the host in NTM disease susceptibility and management** Kenneth N. Olivier (Bethesda, United States)
09:00	**Biomarkers for monitoring disease activity and treatment response** Jea-Joon Yim (Seoul, Republic of Korea)
09:15	**Antimicrobial therapy for NTM lung disease: how long is long enough?** Raquel Duarte (Porto, Portugal)
09:30	**Discussion and Q&A** Speaker to be confirmed

5D Session 08:30 - 10:00

Symposium: Importance of the exposome in prevention and treatment of chronic lung diseases

Aims : to define the exposome landscape and its possible risks for human respiratory health; to summarise and clarify what is already known about the role of the exposome in the development of chronic lung diseases including interstitial lung diseases and remaining knowledge gaps; to clarify how the exposome plays an important role in the prevention of chronic lung diseases; to outline the possible influence of the exposome on the early onset of chronic lung diseases; to discuss how measures to reduce exposome involvement might be useful to treat paediatric and adult chronic lung diseases; to present some results of the EXPLAIN inter-assembly collaboration project.

Disease(s) : Airway diseases Interstitial lung diseases Paediatric respiratory diseases

Method(s) : Epidemiology General respiratory patient care Physiology

Tag(s) : Translational , Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Scientist (basic, translational), Respiratory therapist

Chairs : Anke-Hilse Maitland-van der Zee (Amsterdam, Netherlands), Agnes Boots (Maastricht, Netherlands), Sachin Ananth (London, United Kingdom)

08:30	**Shaping the global exposome landscape from an epidemiological point of view** Speaker to be confirmed

08:45	**Exposome involvement in early onset of chronic lung diseases** Erol Gaillard (Leicester, United Kingdom)
09:00	**Mapping and modifying the exposome to prevent chronic lung diseases from a global perspective** Hsiao-Chi Chuang (Taipei, Taiwan)
09:15	**The role of the exposome in development and treatment of interstitial lung diseases** Nikoleta Bizymi (Drafi, Rafina-Pikermi, Attiki, Greece)
09:30	**Discussion and Q&A** Speaker to be confirmed

5B Session 08:30 - 10:00

Symposium: Lung transplantation in 2025: what's new and on the horizon?

Aims : to provide updates in the field of lung transplantation with a focus on recipient selection, donor management, new diagnostic tools and novel therapies.

Disease(s) : Interstitial lung diseases

Method(s) : Transplantation

Tag(s) : Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Thoracic surgeon

Chairs : Federica Meloni (Padova, Italy), Dorina Esendagli (Ankara, Turkey), Joanna Chorostowska-Wynimko (Warsaw, Poland)

08:30	**Updates in donor management** Nuria M. Novoa (Majadahonda, Spain)
08:45	**New diagnostic and monitoring tools in lung transplant recipients** Sameep Sehgal (Cleveland, United States)
09:00	**Acute cellular and antibody-mediated rejection, immunopathological features and therapeutic implications** Antoine Roux (Suresnes, France)
09:15	**Upcoming therapies for chronic lung allograft dysfunction** Caroline Patterson (London, United Kingdom)
09:30	**Discussion and Q&A** Speaker to be confirmed

5C Session 08:30 - 10:00

Symposium: Nasal high-flow: quo vadis?

Aims : to discuss the fundamental physiological effects of nasal high-flow, differences between non-invasive support methods and the significance of nasal high-flow for clinical management in different situations.

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Physiology Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Respiratory critical care physician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Christian Karagiannidis (Cologne, Germany), Luk Ping Lam (Hong Kong, Hong Kong), Ana Cysneiros (Lisboa, Portugal)

08:30	**Physiological benefits of nasal high-flow: effects in acute and chronic respiratory failure** Marieke L. Duiverman (Groningen, Netherlands)
08:45	**Nasal high-flow in acute respiratory failure: how does it compare with supplemental oxygen therapy , continuous positive airway pressure and non-invasive ventilation?** Oriol Roca Gas (Barcelona, Spain)
09:00	**Nasal high-flow in chronic respiratory failure: what is the evidence?** Jens Bräunlich (Leipzig, Germany)
09:15	**Nasal high-flow: what comes next?** Stefano Nava (Bologna (BO), Italy)

09:30	**Discussion and Q&A** Speaker to be confirmed

Auditorium — Session — 08:30 - 10:00

State of the art session: Pulmonary vascular diseases

Pulmonary hypertension associated with lung diseases: the most burning questions

Aims : to provide an overview of the most pertinent clinical and translational questions in the field of pulmonary hypertension (PH) associated with lung diseases, which should help clinicians in their daily routine clinical management of patients and clinical researchers to identify clinically relevant research questions.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Physician in Pulmonary Training, Radiologist, Scientist (basic, translational)

Chairs : Christophe Guignabert (Paris, France), Olivier Sitbon (Le Kremlin-Bicêtre, France), Nesrin Öcal (Ankara, Turkey)

08:30	**Diagnosis of PH associated with lung diseases: which patients should undergo right heart catheterisation?** David Kiely (Sheffield (South Yorkshire), United Kingdom)
08:45	**PH drugs in the management of PH associated with lung diseases: clinical trials and clinical practice** Oksana Shlobin (Falls Church, United States)
09:00	**Novel possible treatment approaches for PH associated with lung diseases: a molecular perspective** Martin Kolb (Hamilton (ON), Canada)
09:15	**Lung phenotype in pulmonary arterial hypertension** Marius M. Hoeper (Hannover, Germany)
09:30	**Discussion and Q&A** Speaker to be confirmed

G106/107 — Session — 09:00 - 12:30

Skills workshop: SW6 SW6: Diagnostic techniques in the assessment of sleep-disordered breathing

Additional registration is required for this session

Aims : to discuss various types of sleep studies including their advantages and disadvantages for the diagnosis of sleep-related breathing disorders; to systematically demonstrate the interpretation of poly(somno)graphs in adults and children using examples; to interpret poly(somno)graphy with or without capnometry under therapy (e.g., continuous positive airway pressure, adaptive support ventilation and non-invasive ventilation) of a sleep-related breathing disorder.

Disease(s) : Paediatric respiratory diseases | Sleep and breathing disorders

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Physiologist

09:00	**Different levels of sleep studies** Ding Zou (Gothenburg, Sweden)
09:00	**Interpretation of poly(somno)graphy in adults** Renata L. Riha (Edinburgh (Edinburgh), United Kingdom)
09:00	**Interpretation of polysomnography/polygraphy in children** Athanasios G. Kaditis (Athens, Greece)
09:00	**Interpretation of sleep studies on positive airway pressure therapy (e.g., continuous positive airway pressure, adaptive support ventilation and non-invasive ventilation)** Athanasia Pataka (Thessaloniki, Greece)

Studio Session 09:00 - 09:45

EU project: Advancing lung cancer care with real-world, evidence, AI and computerized clinical guidelines

EU project: IMI OPTIMA

Aims : The aims of this session is to introduce the OPTIMA IMI project and its input to the lung cancer research field.

We will showcase our developments, including the recent lung cancer research questions we are tackling, and the real-world evidence and AI analytics platform we have developed and its application to lung cancer research.
We will also present our guidelines-based decision support tool and explore the opportunities for users outside of the project to join the effort and participate in these advancements.

Disease(s) : Thoracic oncology

Method(s) : Epidemiology

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Patient, Scientist (basic, translational), Thoracic oncologist, Journalist

Chairs : Job F.M. van Boven (Groningen, Netherlands), Georgia Hardavella (Athens, Greece), Heleen Demeyer (Leuven, Belgium)

09:00 **The OPTIMA project - overview, objectives and clinical research**
Speaker to be confirmed

09:15 **Translating Guidelines into Action: Developing a Clinical Decision Support System for Lung Cancer**
Speaker to be confirmed

09:30 **Discussion and Q&A**
Speaker to be confirmed

3A Session 09:30 - 10:45

Oral presentation: Future bronchoscopic interventions

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology

Chairs : Daniela Gompelmann (Vienna, Austria), Chair to be confirmed

The effects of Metered cryospray on quantitative computed tomography metrics in patients with COPD with chronic bronchitis
Christopher M Orton (London, United Kingdom), Anand Tana, Ley T Chan, Silviu T Marc, Francesca Conway, Alexandra N Baikov, Rebecca E Wawman, Mark Eastwood, Bavithra Vijayakumar, John Thornton, Lauren D'Sa, Jorine E Hartman, Karin Klooster, Dirk-Jan Slebos, Robertus Jan Lukas, Pankaj Bhavsar, Pallav L Shah

Pleural biopsy in undiagnosed exudative pleural effusion with dual-function semirigid thoracoscopy and initial clinical testing
Gang Hou (Beijing, China), Mingming Deng, Ziwen Zheng

Electromagnetic navigation-guided electronic lung biopsy with electrical impedance spectroscopy: a feasibility study in peripheral pulmonary nodules.
Albert Rafecas-Codern (Barcelona, Spain), Georgina Company-Se, Lexa Nescolarde, Anna Farrés-Castany, Pere Serra, Marta Navarro, Pere J. Riu, Javier Rosell, Mar Vega, Ramón Bragós, Virginia Pajares

The Role of Fused Fluoroscopy in Diagnosing Pulmonary Nodules
Faustina Funke (Essen, Germany), Kaid Darwiche, Marcel Opitz, Jane Winantea, Hanna Zellerhoff, Johannes Wineker, Christian Taube, Erik Büscher

The impact of heterogeneity and fissure integrity on the treatment response of Airway Scaffolds for emphysema-related hyperinflation
Anand Tana (London, United Kingdom), Arschang Valipour, Alvin Ing, Daniel P Steinfort, Christopher M Orton, Justin L Garner, Ashish Karir, Karin Klooster, Theresa Klemm, Jonathan P Williamson, Jemma J Christie, David Koster, Kelly Welz, Marlies Van Dijk, Stephanie A Tuck, Martin L Mayse, Dirk-Jan Slebos, Pallav L Shah

Residual volume (RV) change correlates with meaningful outcome measures in patients with emphysema-related hyperinflation following treatment with Airway Scaffolds
Anand Tana (London, United Kingdom), Arschang Valipour, Alvin Ing, Daniel P Steinfort, Christopher M Orton, Justin L Garner, Ashish Karir, Karin Klooster, Theresa Klemm, Jonathan P Williamson, Jemma J Christie, David Koster, Kelly Welz, Marlies Van Dijk, Kristina Rouw, Martin L Mayse, Dirk-Jan Slebos, Pallav L Shah

Endobronchial ultrasound-guided transbronchial mediastinal cryobiopsy via a tunnel for diagnosing non-metastatic lymphadenopathy: a multicenter randomized controlled trial
Mingming Deng (Beijing, China), Gang Hou, Ziwen Zheng, Run Tong

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Robotic-Assisted Bronchoscopy with Integrated Cone-Beam CT vs. Conventional Bronchoscopy for Diagnosing Peripheral Pulmonary Lesions: An Open-Label Randomized Controlled Trial
Carolin Steinack (Zürich, Switzerland), Patrick Baumgartner, Gian-Marco Monsch, Didier Schneiter, Scott Oh, Eleni Theano Samara, Isabelle Opitz, Christian Clarenbach, Silvia Ulrich, Malcom Kohler, Thomas Gaisl

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Comparison of Virtual, Electromagnetic, and Robotic-Assisted Navigational Bronchoscopy Platforms for Diagnosing Peripheral Pulmonary Lesions: A Single-Center Cohort Study
Carolin Steinack (Zürich, Switzerland), Patrick Baumgartner, Christian Clarenbach, Silvia Ulrich, Malcolm Kohler, Thomas Gaisl

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Amtrium — Session — 09:30 - 10:45

Oral presentation: From omics to targets: emerging insights into chronic pulmonary disease mechanisms

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Physiology

Chairs : Chair to be confirmed

LSC - 2025 - Sex hormones in Systemic Sclerosis: A pathway to sex-specific therapeutics
Pamela Waked (Graz, Austria), Anna Birnhuber, Petra Kotzbeck, Ines Foessl, Diana Zabini, Leigh M. Marsh, Slaven Crnkovic, Andrea Olschewski, Barbara Obermayer-Pietsch, Grazyna Kwapiszewska, Valentina Biasin

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Lung function epigenetic markers across the lifespan
Sandra Casas Recasens (Barcelona, Spain), Julieta Viglino, Maaike De Vries, Judith M. Vonk, Xander Bertels, Lies Lahousse, Simon K. Merid, Erik Melén, Negusse Kitaba, John W. Holloway, Maribel Casas, Alvar Agustí, Rosa Faner, Cadset Clinical Research Collaboration Of The European Respiratory Society

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Bi-allelic LAMP3 variants in childhood interstitial lung disease: a new surfactant-related disease. A CRC chILDEU study
Camille Louvrier (Paris, France), Tifenn Desroziers, Yohan Soreze, Martha Delgado Rodriguez, Lucie Thomas, Valérie Nau, Florence Dastot-Le Moal, Jonathan A. Bernstein, F. Sessions Cole, Markus Damme, Anthony Fischer, Matthias Griese, Daniel Hinds, Laura Keehan, Carlos Milla, Hadhud Mohammad, Jonathan Rips, Jennifer A. Wambach, Daniel J. Wegner, Serge Amselem, Marie Legendre, Irina Giurgea, Sonia Athina Karabina, Oded Breuer, Aurore Coulomb L'Herminé, Nadia Nathan

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Single-cell analysis of cryobiopsy samples from patients with early IPF reveals loss of alveolar epithelial cells, and emergence of aberrant basaloid cells
Aurélien Justet (Caen, France), Taylor Adams, Johad Khoury, Agshin Balayev, Jonas Schupp, Edward Manning, Amy Zhao, Farida Ahangari, Xiting Yan, Claudia Ravaglia, Venerino Poletti, Sara Tomasseti, Naftali Kaminski

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Single-cell RNA sequencing of small airways of young persons who use e-cigarettes
Dina Yehia (Vancouver, Canada), Xuan Li, Firoozeh V. Gerayeli, Elizabeth Guinto, Stephen Milne, Chung Y. Cheung, Cassie L. Gilchrist, Julia S. W. Yang, Alexandra Schmidt, James Liggins, Rachel L. Eddy, Clarus Leung, Carolyn J. Wang, Janice M. Leung, Don D. Sin

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Genetic, spatial transcriptomic and functional links between IL-11 and pulmonary fibrosis (PF)
Marc Kaestle (Biberach an der Riß, Germany), Yao Hu, Christoph Mayr, Anita Schönleber, Stephan Klee, Eva Thaler, Janine Beier, Annika Maier, Maria Myzithras, Boris A. Bartholdy, Zhihao Ding, Matt Thomas

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Proteomic Insights into Platelet Dysregulation and Pathogenic Mechanisms of Chronic Thromboembolic Pulmonary Hypertension
Lu Sun (Beijing, China), Haobo Li, Yuhan Li, Han Tian, Jixiang Liu, Shiqing Xu, Peiran Yang, Zhenguo Zhai

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Ikzf2 is identified as an eosinophil-basophil-mast cell (EBM) lineage marker and upregulated in asthma
Haoyu Tang (Hangzhou, China), Sheng Pan, Bingpeng Yao, Chao Zhang, Songmin Ying

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Seralutinib targets fibrotic pathways in IPF: Evidence from single-cell transcriptomics
Rui Benfeitas (Stockholm, Sweden), Robin Osterhout, Eduardo Garcia, Ravikumar Sitapara, Vanessa Pitozzi, Sidra Hoffman, Lawrence Ho, Zhaoqing Ding, Luís Magalhães, Silvia Parolo, Richard Aranda, Gísli Jenkins, Toby M. Maher, Jean-Marie Bruey, Roham T. Zamanian

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Elicium 1 — Session — 09:30 - 10:45

Oral presentation: Interstitial lung disease of known causes: risk factors, detection and management

Disease(s) : Interstitial lung diseases

Method(s) : Imaging Epidemiology Physiology General respiratory patient care Pulmonary function testing

Chairs : Antoine Froidure (Bruxelles, Belgium)

The working life exposome and incidence of interstitial lung diseases: a Danish national cohort study – the EU EPHOR project
Lucile Sese (Paris, France), Jorunn Kirkeleit, Inge Brosbøl Iversen, Theresa Møller, Christine Cramer, Ingrid Sivesind Mehlum, Cecilie Svanes, Anjoeka Pronk, Wenxin Wan, Michelle C Turner, Miguel Santibanez, Damien Mcelvenny, Svetlana Solovieva, Tosca O.E. De Crom, Hans Kromhou, , Ioannis Bassinas, Pernille Wiebert, Jenny Selander, , Elisabeth Bendstrup, Henrik Albert Kolstad, Vivi Schlünssen

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A risk estimation tool for early ILD detection in Sjögren Disease
Anna Maria Hoffmann-Vold (Oslo, Norway), Kastriot Kastrati, Marco Sprecher, Emily Langballe, Phuong Phuong Diep, Håvard Fretheim, Helena Andersson, Paul Studenic, Bojana Müller-Durovica, Cathrine Brunborg, Cosimo Bruni, Christian Clarenbach, Thomas Frauenfelder, Trond Mogens Aaløkken, Natascha Moe, Helmut Prosch, Helga Radner, Øyvind Molberg, Oliver Distler

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Plasma Proteome Analysis Identifies Biomarkers Associated with Subclinical RA-ILD
Richard Ahn (South San Francisco, United States), Erine H Budi, Johanna Schaub, Martin Decaris, Joyce S Lee

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e-Lung Detects Progressive Pulmonary Fibrosis Earlier Than Conventional Tools: Insights from the REVISE-PPF Multicentre Study
Ayodeji Adegunsoye (Chicago, United States), Teja Kulkarni, Anna Podolanczuk, Kristin Berger, Christian Rennison-Jones, Wassim Bou-Zeid, George Harston, Claire Fernandez, Olivier Joly, Anand Devaraj, Peter George

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High prevalence of lung ultrasound interstitial syndrome in systemic sclerosis patients with normal HRCT and lung function
Camille MERCIER (Saint-benoit-la-forêt, France), Benjamin Thoreau, Thomas Flament, Sylvie Legué, Arthur Pearson, Stephanie Jobard, Sylvain Marchand-Adam, Laurent Plantier, Elisbaeth Diot

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Optimizing Photon Counting CT imaging for Interstitial Lung Disease assessment
Cristina Cretu (Delft, Netherlands), Thomas Koudstaal, Arlette Odink, Mariska Rossius, Nicola Sverzellati, Nicholas Landini, Chiara Romei, Yuko Waseda, Michael Kreuter, Jelle Miedema, Tonia Magri, Daan Caudri, Marlies Wijsenbeek-Lourens, Pierluigi Ciet

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Evolution of Treatment Patterns and Their Impact on Disease Progression in Systemic Sclerosis-associated ILD
Corrado Campochiaro (Milan, Italy), Marie-Elise Truchetet, Madelon Vonk, Giacomo De Luca, Giovanna Cuomo, Lidia A Ananieva, Eric Hachulla, Vanessa Smith, Ana Maria Gheorghiu, Radim Becvar, Patricia Carreira, Nicolas Hunzelmann, Daniel E Furst, Vera Ortiz-Santamaria, Francesco Del Galdo, Marco Matucci-Cerinic, Anna-Maria Hoffmann-Vold

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B cell depletion at one year is associated with rituximab treatment response in patients with CTD-ILD:an analysis of the RECITAL cohort.
Serena Bellani (Padova, Italy), Paolo Spagnolo, Philip L. Molyneaux, Toby M. Maher

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Nintedanib for the treatment of Sars-Cov-2 induced pulmonary fibrosis: a randomized clinical trial (Nintecor)
Guillaume Beltramo (Dijon, France), Philippine Eloy, Toni Alfaiate, Bruno Crestani

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3B Session 09:30 - 10:45

Oral presentation: Charting new avenues: emerging insights and future therapies in airway diseases

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology General respiratory patient care Palliative care Epidemiology Endoscopy and interventional pulmonology Imaging Pulmonary function testing

Chairs : Lena Uller (Lund, Sweden)

Airway lumen patency improvements from baseline to 6 months in patients with emphysema-related hyperinflation treated with a novel self-expanding nitinol airway scaffold
Theresa Klemm (Vienna, Austria), Anand Tana, Alvin Ing, Daniel P. Steinfort, Christopher M. Orton, Karin Klooster, Jonathan P. Williamson, Jemma J. Christie, Justin L. Garner, T. David Koster, Kelly Welz, Marlies Van Dijk, Samuel Scaglione, Pallav L. Shah, Dirk-Jan Slebos, Arschang Valipour

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IL-5 CAR-T cell therapy: a transformative approach for eosinophil-driven respiratory diseases
Youqian Wu (Hangzhou, China), Ruiqi Zhang, Beibei Sun, Gaoying Chen, Fang Xu, Xinyi Chen, Dan Shen, Fan Shi, Sheng Pan, Bingpeng Yao, Haoyu Tang, Zhehua Shao, Qian Wu, Jiawei Shao, Chao Zhang, Songmin Ying

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Autologous transplantation of airway basal stem cells in COPD patients: A randomized, single-blind, placebo-controlled phase 2 trial
Wei Zuo (Shanghai, China), Lingyun Niu, Ting Zhang, Shiyue Li

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The effects of a novel macrolide glasmacinal (EP395) on alveolar macrophage phenotype and phagocytosis in COPD
Simon Lea (Manchester (Greater Manchester), United Kingdom), Jian Li, James Baker, Jennifer Kricker, Michael J. Parnham, Dave Singh

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Differentially-Expressed Genes (DEGs) related to anti-IL5/IL5Rα therapeutic response in Severe Eosinophilic Asthma
Katie Raby (London, United Kingdom), Nazanin Zounemat-Kermani, Khezia Asamoah, Piers Dixey, Freda Yang, Pujan Patel, Sungho Won, Tae-Bum Kim, Dragana Vuckovic, Marc Chadeau-Hyam, Ian M Adcock, Pankaj Bhavsar, Kian Fan Chung

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Antiviral effects of a RIG-I agonist (RIG101) against human rhinovirus in mice and differentiated bronchial epithelium from asthmatics
Hugo Ombredane (London, United Kingdom), Leah Daly, Ian Knowles, Jag Shur, Susan Sobolov, Garth Rapeport, Kazuhiro Ito

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Morphine or Fentanyl for Refractory Dyspnea in COPD: a multicenter, cross-over RCT
Marlies van Dijk (Groningen, Netherlands), Kris Mooren, Jan-Willem Van Den Berg, Wendy Van Beurden-Moeskops, Roxane Heller-Baan, Sander De Hosson, Wai Yee Lam-Wong, Liesbeth Peters, Remge Pieterman, Karin Pool, Huib Kerstjens

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ETH47 is a novel mRNA drug candidate for the prevention of asthma exacerbations
Thomas Langenickel (Planegg, Germany), Nigel Tomkinson, Julia Strohwasser, Marija Marolt, Julia Nennstiel, Constanze List, Christian Dohmen, Claudia Wilfers, Michaela Koburg, Katharina Sohr, Steffen Meyer, Eva Lichtenegger-Hartl, Anna Macht, Elisa Murenu, Elisabeth Wilkowski, Elke Tatjana Aristizabal-Prada, Christian Plank, Carsten Rudolph

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AI-Driven Identification of High-Risk COPD Patients for Biologic Therapy: Pathway Development Opportunities
Chris Carlin (Glasgow (Glasgow), United Kingdom), Anna Taylor, Andrew Cushing, Eve Walker, David Lowe

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Forum Session 09:30 - 10:45

Oral presentation: Recent advances in paediatric respiratory physiology and diagnostic testing

Disease(s) : Airway diseases

Method(s) : Imaging Pulmonary function testing Epidemiology Physiology

Chairs : Kathryn Ramsey (Perth (WA), Australia), Chair to be confirmed

Transport and imaging of the neonatal lung on a whole-body MRI scanner and comparison with CT imaging
Jonathan Smith (Sheffield, United Kingdom), Amy Simmons, Porus Bustani, Robert Morton, Matthew Smedley, David Hughes, Chu-Hai Wong, Jim Wild, Neil Stewart

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Applying adult spirometry phenotypes to very preterm children?
Tiffany Bradshaw (Perth (WA), Australia), Sanja Stanojevic, Shannon Simpson

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Evaluating the ERS 2021 guideline for asthma diagnosis in children.
Laura Healy (Manchester, United Kingdom), Andrew J Simpson, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Stephen J Fowler, Angela Simpson, Clare S Murray

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SwissPedLung – a data stream enabling retrospective analysis of guideline changes through large-scale data
Xenia Bovermann (Bern, Switzerland), Anna Hartung, Léa Ho Dac, Tabitha Arn-Roth, Fabiën N. Belle, Claudia E. Kuehni, Philipp Latzin

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The effect of virtual reality glasses on pulmonary function test performance in children aged 6-8 years
Sule Selin Akyan Soydaş (ANKARA, Turkey), Gökçen Ünal

Evaluation of Artificial Intelligence Accuracy in Interpreting Pulmonary Function Tests:A Comparison of ChatGPT 4o, DeepSeek R1, and Claude 3.5 Sonnet
Kübra Özkaya (izmir, Turkey), Gökçen Kartal Öztürk, Ece Ocak, Figen Gülen

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Breath of Change: Understanding PFT in Transgender Youth
Michal Cahal (tel aviv, Israel), Asaf Oren, Mika Rochman, Anat Segev-Becker, Moria Be'Er, Yael Lebenthal, Moran Lavie, Liat Perl

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Feasibility, consistency and clinical application of impedance pneumography to detect bronchial obstruction in preterm born infants
Inger van Duuren (Rotterdam, Netherlands), K.D. Tsang, M.W.H. Pijnenburg, I.M. De Kleer, L. Duijts, G.A. Tramper-Stranders

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Inefficient ventilatory response to exercise in children with Bronchopulmonary Dysplasia
Eleana Kouroukli (Thessaloniki, Greece), Kosmas Sarafidis, John Tsanakas, Elpis Hatziagorou

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Studio — Session — 10:00 - 10:45

Congress theme session: Digital monitoring for clinical care and decentralised trials

Aims : 1. To discuss the novel multidimensional evaluation of home-based monitoring for clinical care and research application in chronic lung disease
2. To explore the utility and potential barriers of implementing patient-reported outcome-based remote monitoring, including the need for cross-cultural adaptation
3. To describe how the design of decentralised clinical trials can improve access to respiratory research, as well as the necessary considerations and potential solutions
4. To focus on the development and implementation of remote care monitoring and decentralisation for respiratory care and research in low- and mid-income countries

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist

Chairs : Job F.M. van Boven (Groningen, Netherlands), Georgia Hardavella (Athens, Greece), Heleen Demeyer (Leuven, Belgium)

10:00	**Home-based monitoring in chronic lung disease – what to consider in daily care and clinical trials?** Yet Hong Khor (Melbourne (VIC), Australia)
10:15	**Can digitalisation and decentralisation accelerate universal health coverage in low- and middle-income countries?** Speaker to be confirmed
10:30	**Panel discussion**

5B — Session — 10:15 - 11:45

Symposium: Diagnosis of mesothelioma and malignant pleural effusion: the future

Aims : to review the evidence base for radiological diagnosis and monitoring of malignant effusion and mesothelioma; to explain the role of circulating tumour DNA and molecular techniques in the current diagnosis and management of malignant pleural effusion; to review the evidence base for optimal diagnostic biopsy and structured follow-up of patients with suspicious pleural lesions; to explain the role of biomarkers and clinical data in outcome prediction in mesothelioma.

Disease(s) : Thoracic oncology

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Pathologist, Radiologist, Thoracic oncologist

Chairs : Federica Meloni (Padova, Italy), Dorina Esendagli (Ankara, Turkey), Joanna Chorostowska-Wynimko (Warsaw, Poland)

10:15	**Mesothelioma phenotyping and outcome prediction** Speaker to be confirmed
10:30	**Modern radiology and the diagnosis of malignant pleural disease** Selina Tsim (Glasgow (Glasgow), United Kingdom)
10:45	**Circulating tumour DNA and pleural malignancy diagnosis: ready for the bigtime?** Kamran Mahmood (Durham, United States)
11:00	**Image-guided biopsies, thoracoscopy and the negative biopsy: how should we proceed?** Anand Sundaralingam (Oxford, United Kingdom)
11:15	**Discussion and Q&A** Speaker to be confirmed

5A — Session — 10:15 - 11:45

Hot topics: Fighting global threats to respiratory health: how to make a difference

Chairs : Natalie Lorent (Leuven, Belgium), Giovanni Fumagalli (Milano, Italy), Barbara Hoffmann (Düsseldorf, Germany)

10:15	**Indoor and outdoor air pollution** Kristie Ebi (Seattle, United States)
10:30	**Revisiting tuberculosis to make a difference** Speaker to be confirmed

10:45	**Addressing inequities in respiratory noncommunicable diseases globally** Speaker to be confirmed
11:00	**Fighting misinformation in healthcare** Speaker to be confirmed
11:15	**Discussion and Q&A** Speaker to be confirmed

7A Session 10:15 - 11:45

Hot topics: Integrated respiratory services and digital health - streamlining system provision and clinical applicability across the globe

Aims : 1.Understand the fundamentals and processes of an effective digital respiratory health service.
2. Understand the importance of workforce training and preparation to meet the digital health demands in integrated respiratory care, and deliver a successful and safe digital health model tailored to patient's needs across all ages and socioeconomic profiles.
3. Identify the specific key players and roles in the delivery and management of digital health in respiratory.
4. Standardise an effective digital model delivery across Europe and the glob via structured education, up-skilling workforce and design uniformly accepted standard operational procedures.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : General respiratory patient care | Public health | Pulmonary rehabilitation

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Paediatrician, Pathologist, Physician in Pulmonary Training, Respiratory physiotherapist, Thoracic oncologist, Respiratory therapist

Chairs : Rainer Gloeckl (Schoenau am Koenigssee, Germany), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom), Jamilah Meghji (London, United Kingdom)

10:15	**Setting up integrated digital respiratory care services; Overcoming the boundaries** Jellien Makonga-Braaksma (Woudenberg, Netherlands)
10:30	**Technology involvement in the respiratory care - leadership and workforce preparation. Can we streamline the model across the globe on the technical infrastructures and workforce skills?** Maria Koulopoulou (London, United Kingdom)
10:45	**Embedding technology in the integrated respiratory systems around the globe to tackle disease burden - the example of eDOT in Tuberculosis** Speaker to be confirmed
11:00	**Implementation of digital healthcare models in respiratory medicine - Overcoming the different challenges across the globe** Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom)
11:15	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 10:15 - 11:45

Clinical cases: Lungs on fire: Pulmonary vascular diseases?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Pulmonary vascular diseases

Tag(s) : Clinical

Chairs : Christophe Guignabert (Paris, France), Olivier Sitbon (Le Kremlin-Bicêtre, France), Nesrin Öcal (Ankara, Turkey)

Discussants : Marion Delcroix (Leuven, Belgium), Gabor Kovacs (Graz, Austria)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: L. Khalaili (Israel)** Marion Delcroix (Leuven, Belgium)
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: L. McCourt (Ireland)** Gabor Kovacs (Graz, Austria)

10:59	**Case 3 incl. panel discussion and Q&A - Submitter: Y. Liang (China)** Marion Delcroix (Leuven, Belgium)
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: A. Selvam (India)** Gabor Kovacs (Graz, Austria)

5C Session 10:15 - 11:45

Mini symposium: Infections in severe respiratory failure

Aims : to discuss infections in severe respiratory failure, especially the importance of influenza and fungal infections in everyday clinical practice.

Disease(s) : Airway diseases | Respiratory critical care | Respiratory infections

Method(s) : General respiratory patient care | Physiology | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Christian Karagiannidis (Cologne, Germany), Luk Ping Lam (Hong Kong, Hong Kong), Ana Cysneiros (Lisboa, Portugal)

10:15	**Understanding the alveolar host response in acute respiratory distress syndrome and pneumonia** Speaker to be confirmed
10:30	**Bacterial superinfections in viral pneumonia** Ignacio Martin-Loeches (Dublin, Ireland)
10:45	**Fungal infections in non-resolving acute respiratory distress syndrome** Simon Feys (Leuven, Belgium)
11:00	**Discussion and Q&A** Speaker to be confirmed

5D Session 10:15 - 11:45

Mini symposium: Forewarned is forearmed: cohort studies in the mission to understand structural and immunological determinants of early disease in chronic obstructive pulmonary disease

Aims : to summarise highlights from longitudinal cohort studies that provide insight into the structural and immunological features of early disease manifestations in chronic obstructive pulmonary disease (COPD); to provide insights into potential mechanisms implicated in early disease, how these manifest in terms of clinical presentation and some potential avenues for early screening and intervention.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology | General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Physiologist, Respiratory physiotherapist

Chairs : Anke-Hilse Maitland-van der Zee (Amsterdam, Netherlands), Agnes Boots (Maastricht, Netherlands), Sachin Ananth (London, United Kingdom)

10:15	**Preterm birth, bronchopulmonary dysplasia and development of lung function: a road to COPD?** Speaker to be confirmed
10:30	**Early identification of airway diseases: results from the Undiagnosed COPD and Asthma Population (UCAP) trial and beyond** Shawn Aaron (Ottawa (ON), Canada)
10:45	**Clinical prognosis for young tobacco smokers: results from the Copenhagen City Heart Study** Yunus Çolak (Espergærde, Denmark)
11:00	**Discussion and Q&A** Speaker to be confirmed

G104/105 Session 10:40 - 13:00

Skills workshop: SW4 SW4: Advanced interpretation of cardiopulmonary exercise testing

Additional registration is required for this session.

Aims : to discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop new skills and expertise in order to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop skills to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Chairs : Mathieu Marillier (Echirolles, France)

10:40	**Assessing breathlessness** Michele Schaeffer (Vancouver, Canada)
10:40	**Laryngoscopy during exercise: live demonstration** James H. Hull (London, United Kingdom), Hayley Lewthwaite (Merewether, Australia)
10:40	**Ventilatory efficiency and gas exchange** J. Alberto Neder (Kingston (ON), Canada)
10:40	**Dynamic hyperinflation and other respiratory measurements: live demonstration** Pierantonio Laveneziana (Paris, France), Afroditi Boutou (Thessaloniki, Greece)

3A Session 11:00 - 12:15

Oral presentation: Advancing pulmonary imaging biomarkers: quantitative computed tomography, deep learning and structural insights across lung diseases

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Imaging Physiology Pulmonary function testing

Chairs : Sara Piciucchi (Forlì, Italy)

	Deep Learning-based Fibrosis and Ground Glass Opacification Quantification with Proteomic Biomarkers for Outcome Prediction in Idiopathic Pulmonary Fibrosis. Simon Walsh (London, United Kingdom), Muhunthan Thillai, Amy Craster, Simon Johnson, Gauri Saini, Toby Maher, Phil Molyneaux
	Novel quantitative computed tomography measurements for outcome prediction in pulmonary fibrosis: a prospective, longitudinal study Francesco Lanzillotta (rome, Italy), Lucio Calandriello, Giuseppe Cicchetti, Francesco Varone, Bruno Iovene, Luca Richeldi, Giacomo Sgalla
	Deep learning-Based Airway and Vessel Volume are Associated with Increased Risk of Mortality in Connective Tissue Disease-Related Interstitial Lung Disease. Simon Walsh (London, United Kingdom), Amy Craster, Miguel Monteiro, Muhunthan Thillai
	In vivo CT-based emphysema and micro-CT-based mean linear intercept: Bridging the gap Jonas Van der Rauwelaert (Boom, Belgium), Thérèse Lapperre, Annemiek Snoeckx, Dieter Peeters, Wen Wen, Jeroen M. Hendriks, Stijn E. Verleden
	Quantitative CT biomarkers reveal COPD subtypes with distinct lung function profiles Juan Domingo Gispert (Barcelona, Spain), Sarah P Sherlock, Lars Nordenmark, Jamie Mackay, Enti Spata, Sarah R Doffman, Rod Hughes
	Automated analysis of airway remodeling and emphysema across GOLD Stages: Insights in COPD Severity Tjeerd van der Veer (Amsterdam, Netherlands), Yuxin Chen, Rudolfs Latisenko, Jean Paul Charbonnier, David Lynch, James Crapo, Harm Tiddens
	Computational Fluid Dynamics analysis on total airway casts to explore airflow parameters in COPD and healthy Yousry Khaled Mohamady (Leuven, Belgium), Vincent Geudens, Charlotte De Fays, Marta Zapata-Ortega, Goncalo Ferrao, Lucia Aversa, Xin Jin, Astrid Vermaut, Hanne Beeckmans, Janne Verhaegen, Marie Vermant, Anse Somers, Martina Mercurio, Pieterjan Kerckhofs, Gitte Aerts, Charlotte Hooft, Tine Follet, Marieke De Rooy, Emanuela Cortesi, Wim Wuyts, Robin Vos, Matthieu Boone, Ivan Josipovic, Laurens Ceulemans, Stephanie Everaerts, Yasser Abuouf, Ghislaine Gayan-Ramirez, Wim Janssens, Marcel Filoche, Bart Vanaudenaerde
	Prevalence of structural lung abnormalities in a large pediatric bronchopulmonary dysplasia cohort Merlijn Bonte (Rotterdam, Netherlands), Punitkumar Makani, Irwin Reiss, André Kroon, Citta Zaat, Liesbeth Duijts, Marielle Pijnenburg, Pierluigi Ciet, Daan Caudri
	Role of the Fibroblast Activation Protein as biomarker of fibrotic lung diseases: interim analysis of a prospective exploratory multi-cohort study Anne-Leen Deleu (Brussels, Belgium), Zena Wimana, Clementine Marin, Bruno Vanderlinden, Philomène Lavis, Sigrid Vercauteren, Bastien Lesire, Samuel De Bontridder, Ani Garabet, Patrick Flamen, Benjamin Bondue

Amtrium Session 11:00 - 12:15

Oral presentation: Immunity in the airways: mechanisms and models in respiratory disease

Disease(s) : Airway diseases Respiratory critical care Interstitial lung diseases

Method(s) : Cell and molecular biology Imaging

Chairs : Chair to be confirmed

Metabolic alterations drive inflammatory phenotypes in CHIP-associated COPD
Siavash Mansouri (Bad Nauheim, Germany), Stefan Kuhnert, Golnaz Hesami, Stephan Klatt, Fatemeh Behjati, Marcel Schulz, Philipp Friedrich Arndt, Stefan Günther, Manju Padmasekar, Edibe Avci, Stefan Hadzic, Till Acker, Jochen Wilhelm, Natascha Sommer, Norbert Weissmann, Mario Looso, Michael A. Rieger, Claus F. Vogelmeier, Robert Bals, Ingrid Fleming, Andreas Zeiher, Werner Seeger, Rajkumar Savai, Stefanie Dimmeler, Soni Savai Pullamsetti

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LSC - 2025 - CCR2/CCR5-dependent Lyve1lowMHCIIhigh interstitial macrophages regulate airway inflammation in asthma
Hao Wang (Bundoora, Australia), Nok Him Fung, Christian Aloe, Ian Adcock, Stavros Selemidis, Ross Vlahos, Jonathan Mcqualter, Steven Bozinovski

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Epithelial receptor control of house dust mite-induced lung inflammation
Naheem Yaqub (London, United Kingdom), Liran Baram, Carl Hobbs, Elena Ortiz-Zapater, Maddy Parsons

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Establishment of IL-33 plus TSLP-induced human steroid-resistant asthma model using humanized mice and its potential application in preclinical research
Shiho Yamada (Tokyo, Japan), Shuichiro Maruoka, Shota Toyoshima, Yusuke Kurosawa, Ryosuke Ozoe, Yutaka Kozu, Kenji Mizumura, Yoshimichi Okayama, Ryoji Ito, Yasuhiro Gon

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Exploring antibody subclasses in severe eosinophilic asthma and EGPA using B cell receptor repertoire RNA-sequencing
Jantarika Arora (London, United Kingdom), Emily Bessell, Sonay Beyatli, Delphine Thenet, Ioanna Kontra, James Brown, Ahuva Nissim, Myles Lewis, Louisa James, Paul Pfeffer

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A high-content airway epithelial and immune cell co-culture model of Th2 and Th17 inflammatory responses in asthma
Gimano Amatngalim (Utrecht, Netherlands), Loes Den Hertog-Oosterhoff, Jeffrey Beekman

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Single cell analysis of airways in allergic asthma with allergen profiling and spatial transcriptomics
Wojciech Lason (Oxford, United Kingdom), James Melhorn, Devika Agrawal, Anastasia Fries, Xiawei Zhang, Esther Bridges, Fabiola Curion, Julian Charles Knight, Calliope Athena Dendrou, Timothy Stopford Christopher Hinks

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Neutrophil-chemoattractant CXCL5 increases lung barrier permeability in acute lung injury
Peter Pennitz (Berlin, Germany), Sarah Berger, Cengiz Goekeri, Birgitt Gutbier, Laura Michalick, Karen Hoffmann, Elena Lopez-Rodriguez, Vladimir Gluhovic, Sandra-Maria Wienhold, Ulrike Behrendt, Alexander Taylor, Kristina Dietert, Holger Kirsten, Sandra Kunder, Kristina Mueller, Markus Weigel, Torsten Hain, Sarah M. Volkers, Sebastian Weis, Achim D. Gruber, Leif E. Sander, Wolfgang M. Kuebler, Capsys Study Group, Martin Witzenrath, Geraldine Nouailles

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Single-cell proteome profiling reveals distinct immunological patterns in the lungs of ARDS patients
Shiqi Zhang (Amsterdam, Netherlands), Sebastiaan Joosten, Leonoor S Boers, Hélène B Van Den Heuvel, Juan J. Garcia Vallejo, Tom Van Der Poll, Janwillem Duitman, Lieuwe D J Bos

Forum Session 11:00 - 12:15

Oral presentation: Paediatric asthma: important novel insights into mechanism, diagnosis and management

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Pulmonary function testing Imaging Physiology

Chairs : Erol Gaillard (Leicester, United Kingdom), Elise M.A. Slob (Amsterdam, Netherlands)

Distinct Metabolomic and Lipidomic Signatures in Obese and Normal-Weight Children with Asthma
Harshita Shailesh (Doha, Qatar), Ilhame Diboun, Antonisamy Belavendra, Yahya Hani, Shana Jacob, Mohamed. A. Elrayess, Stefan Worgall, Younes Mokrab, Ibrahim Janahi

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Maternal obesity and offspring allergic disease:implications of impaired barrier function
Niki Ubags (Epalinges, Switzerland), Eva Maria Rehbinder, Riyas Vettukattil, Karin C Lødrup Carlsen, Berit Granum, Guttorm Haugen, Gunilla Hedlin, Christine Monceyron Jonassen, Morten Nilsen, Christophe Von Garnier, Björn Nordlund, Corina Silvia Rueegg, Håvard O. Skjerven, Anne Cathrine Staff, Cilla Söderhäll

Impact of PM2.5 Exposure Trajectories on Asthma and Airway Hyperresponsiveness in Children through S100 protein expression: The COCOA Study
SONGI YANG (Anyang, Republic of Korea), Hyo-Won Lee, Hwan-Cheol Kim, Hyo-Bin Kim, Hea Young Oh, Seung-Hwa Lee, Eom Ji Choi, Youn Ho Shin, Dong In Suh, Ji Soo Park, Kyung Won Kim, Kangmo Ahn, Jihyun Kim, Soo-Jong Hong

What is the role of fractional exhaled nitric oxide in the diagnosis of school-age asthma?
Mari Sasaki (Bern, Switzerland), Myrofora Goutaki, Beatriz Guerra, Pascal Heer, Nicolas Regamey, Alexander Moeller, Claudia Kuehni

Asthma Diagnostic Pathway: FeNO as a first-line diagnostic tool
Abibat Lana (Leicester, United Kingdom), Maja Jurca, Manisha Ramphul, Joe Madge, Charlotte Simpson, Gemma Vissani, Natalie Blyth, Prakash Patel, Safiya Patel, Molla Imaduddin Ahmed, Louise Ryan, David Lo, Erol A. Gaillard

Association of early-life dust allergens and endotoxin with childhood asthma and lung function: An analysis of the CHILD study
Jacob McCoy (Toronto, Canada), Makiko Nanishi, Myrtha Reyna, Vanessa Breton, Marc-Antoine Bédard, Qingling Duan, Elizabeth George, Biswajit Chowdhury, Bree Sharma, Ruixue Dai, Nervana Metwali, Sarah Perry, Elinor Simons, Stuart Turvey, Piush Mandhane, Allan Becker, Meghan Azad, Malcolm Sears, Wendy Lou, Theo Moraes, Jeffrey Brook, Peter Thorne, Padmaja Subbarao

Automatic detection of mucus plugs on computed tomography scans in severe paediatric asthma
Wytse van den Bosch (Voorburg, Netherlands), Punit Makani, Hettie Janssens, Pierluigi Ciet, Harm Tiddens, Daan Caudri

Abnormal LCI 2.5% measurement early in life of children with wheeze and asthma is associated with impaired lung function development
Nikolas Jakobs (Lübeck, Germany), Isabell Ricklefs, Markus Weckmann, Florian Wyler, Catharina Nitsche, Ruth Grychtol, Nicole Maison, Lea Lousia Kronziel, Inke Regina König, Silke Szymczak, Anna-Maria Dittrich, Erika Von Mutius, Bianca Schaub, Gesine Hansen, Matthias Volkmar Kopp, Thomas Bahmer, Folke Brinkmann, Mustafa Abdo

Telemedicine-enabled home monitoring enhances asthma control in children: A randomized controlled trial
Patrick Stafler (Ra'anana, Israel), Joseph Levy, Hagit Levine, Ophir Bar-On, Benjamin Rothschild, Einat Shmueli, Eyal Jacobi, Lior Dagan, Jenny Aristov, Tali Biron Gelmond, Lior Barbash, Joshua Silverbeck, Meir Mei-Zahav, Dario Prais

3B Session 11:00 - 12:15

Oral presentation: Advancing tobacco cessation: innovative approaches and strategies for respiratory health

Disease(s) : Airway diseases | Pulmonary vascular diseases | Thoracic oncology

Method(s) : Epidemiology | Physiology | Public health | Imaging | Cell and molecular biology | Pulmonary rehabilitation

Chairs : Stamatoula Tsikrika (Athens, Greece), Chair to be confirmed

Chromatography analysis during an optimization of Third-hand Smoker rat model shows early detection of decrease in amino acids prior to lymphopenia and weight loss: a preliminary study
Astari Pranindya-Sari (Yogyakarta, Indonesia), Reviono Reviono, Agus Dwi Susanto, Dono Indarto

Organochlorine pesticides (OCPs) residues in fruit-flavored/regular waterpipe tobacco and their post-consumption waste: estimating release into inhaled smoke
Gholamreza Heydari (Tehran, Islamic Republic of Iran)

Pulmonary microvascular perfusion on MRI in young adult cigarette and e-cigarette users: The VapeScan Study
Emilia Hermann (NEW YORK, United States), Sonja Luediger, Diane Hawkins, Nancy Lolacono, Martin Prince, Dona Sangapalaarachchi, William Anderson, Wei Shen, Daichi Shimbo, Galen Ziaggi, Jens Vogel-Claussen, Ana Navas Acien, Elizabeth Oelsner

The impact of e-cigarette aerosol on endothelial barrier function in isolated perfused and ventilated mouse lungs
Oleg Pak (Giessen, Germany), David Spiegelberg, Karin Quanz, Janik Deutscher, Hossein A. Ghofrani, Friedrich Grimminger, Werner Seeger, Ralph Theo Schermuly, Norbert Weissmann, Natascha Sommer

Muscle ring-finger protein (MuRF1) inhibitor and exercise training ameliorates functional and structural changes induced by cigarette smoke exposure in an experimental model of chronic obstructive pulmonary disease.
Camila Uchoa da Silva (Guarulhos, Brazil), Alyne Riani Moreira, Dayane Camilo De Souza, Mayra Evangelista Coura Machado Galessi, Cintia Nascimento Silva, Vitoria Bernardino Da Silva, Franciele Jesus Lima, Francine Maria Almeida, Fernando Ribeiro, Luis Antonio C H Costa Dutra, Siegfried Labeit, Anselmo Sigari Moriscot, Fernanda D.T.Q.S.Lopes, Paulo Francisco Guerreiro Cardoso

CRYPTOTANSHINONE TREATMENT INHIBITS THE INFLAMMATORY RESPONSE MEDIATED BY TH17 CELLS IN A CIGARETTE SMOKE (CS)-INDUCED MODEL OF CHRONIC OBSTRUTIVE PULMONARY DISEASE (COPD)
Franciele Jesus Lima (Sao Paulo, Brazil), Alex Ferreira Silva, Alyne Riani Moreira, Camila Uchoa Silva, Francine Maria Almeida, Maria Rafaella Guedes Gomes, Cintia Nascimento Silva, Leandro Nascimento Camargo, Iolanda Fatima Lopes Calvo Tiberio, Fernanda Degobbi Quirino Santos Lopes

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Determining the impact of vaping on surfactant dynamics and ventilation: An in silico study
Kelly Burrowes (Auckland, New Zealand), Ruobing Li, Alys Clark, Merryn Tawhai

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Assessing the Cytotoxic and Barrier-Disrupting Effects of E-Cigarette Aerosols on Alveolar Epithelium
Kelly Burrowes (Auckland, New Zealand), Marzieh Aghababaie, Sue Mcglashan, Vinod Suresh

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Early outcomes of cytisine therapy for smoking cessation in the RISP program
Massimiliano Cani (orbassano, Italy), Ugo Pastorino, Edoardo Mercadante, Ciro Battiloro, Antonella Smedile, Vito Barbieri, Gianluca Pariscenti, Pietro Gallina, Daniela Bafunno, Alba Moretta, Antonio Defilippis, Aldo Cammarota, Gianluca Milanese, Pierpaolo Pattacini, Domenico Patanè, Orazio Caffo, Katia Ferrari, Silvia Novello

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Elicium 1 Session 11:00 - 12:15

Oral presentation: Emerging clinical trials in pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Pulmonary function testing Cell and molecular biology

Chairs : Nazia Chaudhuri (Limavady, United Kingdom), Wim A. Wuyts (Leuven, Belgium)

The novel angiotensin II type 2 receptor agonist buloxibutid improves lung function in IPF compared to real-world external IPF control arms
Toby M Maher (Los Angeles, United States), Bertil Lindmark, Göran Tornling, Muhunthan Thillai, Simon Walsh, Thomas Bengtsson, Cecilia Ganslandt, Jonathan Langley, Philip Molyneaux

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Phase 2a signal searching study with zelasudil in idiopathic pulmonary fibrosis (IPF)
Toby M Maher (Los Angeles, United States), Nikhil Hirani, Nazia Chaudhuri, Helen Timmis, Elaine Kilgour, Helen Mckeever, Nicholas E.S Guisot, Elspeth Asken, Emma Mcmurty, Shweta Vyas, David Wilson, Sarah Bujac, Caroline Phillips, Phil Molyneaux

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Rentosertib, a generative AI-discovered TNIK inhibitor improves lung function in IPF patients
Zuojun Xu (, China), Ping Wang, Jie Cao, Chunting Tan, Dedong Ma, Li Zhao, Toby Maher, Alex Zhavoronkov, Feng Ren, Sujata Rao, Carol Satler, Sang Liu, Yuan Lv, Heng Zhao, Alex Aliper

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Initiation of supplemental oxygen in the FIBRONEER-IPF trial of nerandomilast in patients with idiopathic pulmonary fibrosis
Marlies S. Wijsenbeek (Rotterdam, Netherlands), Arata Azuma, Vincent Cottin, Michael Kreuter, Toby M Maher, Fernando J Martinez, Justin M Oldham, Claudia Valenzuela, Yi Liu, Susanne Stowasser, Donald F Zoz, Luca Richeldi

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Effect of nerandomilast in subgroups of patients with idiopathic pulmonary fibrosis (IPF) in the FIBRONEER-IPF trial
Claudia Valenzuela (Madrid, Spain), Arata Azuma, Vincent Cottin, Michael Kreuter, Toby M Maher, Fernando J Martinez, Justin M Oldham, Marlies S Wijsenbeek, Maud Gordat, Daniel Wachtlin, Christina Schlecker, Gerrit Weimann, Donald F Zoz, Luca Richeldi

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TETON phase 3 clinical trials of inhaled treprostinil in the treatment of idiopathic pulmonary fibrosis
Steven D Nathan (Falls Church, United States), Juergen Behr, Vincent Cottin, Lisa Lancaster, Peter Smith, Youlan Rao, Natalie Breytenbach, Heidi Bell, Leigh Peterson, Kevin Flaherty

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TETON-PPF clinical trial of inhaled treprostinil for the treatment of progressive pulmonary fibrosis
Steven D Nathan (Falls Church, United States), Juergen Behr, Vincent Cottin, Lisa Lancaster, Peter Smith, Youlan Rao, Natalie Breytenbach, Heidi Bell, Leigh Peterson, Kevin Flaherty

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The COCOS-IPF Core Outcome Set for progressive pulmonary fibrosis
Sofie Breuls (Leuven, Belgium), Vivien Somogyi, Silja Schenk, Nur Toreyin, Steve Jones, Liam Galvin, Jeanette Boyd, Anouk Delameillieure, Liesbet Van Bulck, Thomy Tonia, Ömer Faruk Dadaş, Michael Kreuter, Nesrin Moğulkoç, Nikola Stenzel, Wim Wuyts, Fabienne Dobbels

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IPF COMFORT Study: A randomised, controlled trial evaluating the safety and efficacy of orvepitant as a treatment for chronic cough in IPF
Surinder S. Birring (London, United Kingdom), Nazia Chaudhuri, Kevin Flaherty, Simon Hart, Alexandra Lawrence, Toby Maher, Steve Pawsey, Susan Seymore, Mike Trower, Marlies Wijsenbeek, Alyn Morice

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Studio Session 11:00 - 11:45

Patient-centred session: Inequality in Pulmonary rehabilitation: barriers to global access for all

Aims : To raise the profile of Pulmonary Rehabilitation (PR) as a valued intervention for patients and discuss how improvements to access and other issues patients face can be tackled.

Chairs : Chair to be confirmed

11:00 **Inequality in pulmonary rehabilitation: barriers to global access for all - panel discussion**
Justine Hamaïde (Paris, Île-de-France, France), Ourania Koltsida (Athens, Greece), Maria Koulopoulou (London, United Kingdom), Speaker to be confirmed

PS-20 Session 12:30 - 14:00

Poster session: Silica, asbestos, microplastics and lung cancer

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Cell and molecular biology Epidemiology Public health Imaging Pulmonary function testing General respiratory patient care Physiology

Chairs : Steven Ronsmans (Leuven, Belgium), Chair to be confirmed

Potential sources of asbestos exposure: non-systematic surveys in DR Congo
Joseph PYANA KITENGE (Lubumbashi, Democratic Republic of the Congo), Pascal Mambwe, Jan Van Bouwel, Paul Musa Obadia, Désiré Mundali Nshimbi, Tony Kayembe-Kitenge, Jeroen Vanoirbeek, Celestin Banza Lubaba, Steven Ronsmans, Benoit Nemery

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Modelling silicosis in macrophages and precision-cut lung slices (PCLS) informed by analysis of bronchoalveolar lavage (BAL) from artificial-stone workers
Jane Bourke (Clayton (VIC), Australia), Claudia Sim, Aidan Carroll, Terry Lim Kam Sian, Elizabeth Richards, Paris Papagianis, Simon Royce, Nicole Goh, Ryan Hoy, Glen Westall, Tracy Leong, Ralf Schittenhelm

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The Relationship Between Small Airway Dysfunction and Systemic Inflammatory Index Markers with Disease Stage in Pneumoconiosis: A Multicenter 10-Year Retrospective Cohort Study
Mualla Elif Bayındır (İzmir, Turkey), Ayşe Coşkun Beyan, Özlem Melis Korkmaz Özgüngör, Nur Şafak Alıcı, Melike Yüksel Yavuz, Emin Erdem, Belgin Oral, Defne Kalaycı, Duygu Lüleci, Şeyma Karaketir, Deniz Boz Eravcı, Hande Özgen, Ilke Karabağ, Mehmet Erdem Alagüney, Mümine Yüksel, Nergis Kayacan, Nur Acar, Ömür Güngör, Özlem Erçen Diken, Simge Yavuz Yıldırım, Canan Demir

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Asbestos-related respiratory diseases in the SWORD surveillance scheme (1996-2023) from exposure in the UK Armed Forces
Gareth Walters (Birmingham (West Midlands), United Kingdom), Ruth Wiggans, Laura Byrne, Melanie Carder, Zipporah Iheozor-Ejiofor, Martie Van Tongeren

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Environmental and professional exposure in newly diagnosed lung cancer from PROTEON
Anne Sibille (Liège, Belgium), Jessica Hendick, Aurore Cue Alvarez, Bernard Duysinx, Marie Ernst, Jean-Louis Corhay, Renaud Louis

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Inhalation exposure to PAHs and BTEX emissions from grills and their influence on cancer risk
Artur Badyda (Warszawa, Poland), Jan Bihalowicz, Wioletta Rogula-Kozłowska, Grzegorz Majewski, Kamila Widziewicz-Rzońca, Karolina Bralewska, Barbara Piekarska, Mariusz Rogulski, Piotr Dąbrowiecki

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Sarcoidosis AND Silica: a case-contol sTudy of OccupatioNal Exposures (SANDSTONE study)
Christopher C. Huntley (Bromsgrove, United Kingdom), Kimberley Nettleton, Samuel Wallbanks, Christopher Reilly, Hollie Morgan, Thomas Duffin, Anjali Crawshaw, Tabinda Kharodia, Aled Phillips, Shirley Coelho, Harriet Bothwell, Ahmed Fahim, Umma Tomo, Shiva Bikmalla, Helen Stone, Steve O'Hickey, Alison Durie, Guy Hagan, Geraldine Burge, Alice M Turner, P. Sherwood Burge, Gareth I. Walters

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Artificial stone-related interstitial lung diseases: the first case series from Türkiye
Özlem Kar Kurt (Istanbul, Turkey), Seyma Karaketir, Zeki Kılıcaslan, Metin Akgun

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Silicosis prevalence among small-scale miners in Northern Tanzania
Patrick Howlett (LONDON, United Kingdom), Bibie Said, Emmanuel Mwanga, Godrey Idd, Alexander Mbuya, Onn Min Kon, André Amaral, David Rees, Stellah Mpagama, Johanna Feary

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Malignant mesothelioma in Sub-Saharan Africa: a scoping review
Joseph PYANA KITENGE (Lubumbashi, Democratic Republic of the Congo), Steven Ronsmans, Celestin Banza Lubaba, Jeroen Vanoirbeek, Mohamed Jeebhay, Benoit Nemery

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Can serum chitotriosidase levels, immune, and oxidative stress parameters be early diagnostic indicators in patients with silicosis?
Dilek Ergun (Ankara - Mamak, Turkey), Recai Ergün, Esin Ozkan, Özlem Kar Kurt, Merve Güdül Bacanlı, Muslu Kazım Körez

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Occupational and Regional Patterns of Silicosis in Türkiye: A Multicenter Study
Özlem Kar Kurt (Istanbul, Turkey), Bilge Akgunduz, Abdulsamet Sandal, Esra Aydin Ozgur, Eliz Kuman Oyman, Defne Kalayci, Merve Demirci Atik, Belgin Oral, Alperen Aksakal, Zehra Nur Toreyin, Esra Oğuz, Ismail Bulgur, Fatma Erboy Keskintıg, Ibrahim Akkurt, Metin Akgun

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Radiation-induced Lung Cancer in victims of The Chornobyl NPP accident in the remote postaccidental period
Stanislav Ustinov (Kyiv, Ukraine), Viktor Sushko, Olena Kolosynska, Olena Apostolova

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Exploring Health Problems of Occupational and Non-occupational Asbestos Exposure in Communities Living Near Asbestos Mines
Pankaja Raghav (Jodhpur, India), Venkiteswaran Muralidhar, Akhil Goel, Pritish Baskaran, Rehana Vr, Saranya Rajavel, Vishal Mehrara, Harimadhav Viswanathan, Kishan Gopal

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RADIOLOGICAL FINDINGS AND PATHOLOGY SECONDARY TO ASBESTOS EXPOSURE IN PATIENTS FOLLOWED UP BY A POST-OCCUPATIONAL HOSPITAL CLINIC
Miguel Suarez Ortiz (madrid, Spain), Carmen Matesanz Ruiz, Elena Rodríguez Jimeno, Africa Alcorta Mesas, María Belén López-Muñiz Ballesteros, María Beatriz Arias Arcos, Ismael Alí García, Julio Hernández Vázquez, Luis Arturo Arvelo Castro, Daniel Hiad Mouhtar El Halabi, Silvia Martín Bote, Mariara Antonieta Calderón Alcalá, María Isabel Andrade Vela, Irene Milagros Domínguez Zabaleta, David Martos Ruiz, César Araque Molina, Jorge Rabago Castro, Inmaculada Castillo Gil, María Jesús Buendía García

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TLR4 as a biomarker for silicosis: Driving Silica-Induced Pyroptosis through Glycolytic Reprogramming
xiaojie you (Wuhan, China), Yujia Xie, Gaoyin Xiong, Haoyu Yin, Shiyu Yang, Jixuan Ma, Weihong Chen

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The Development of Silicosis in Workers of Artificial Stone Production: A Descriptive Retrospective Study and Bibliometric Analysis
Mualla Elif Bayındır (İzmir, Turkey), Ayşe Coşkun Beyan, Canan Demir, Özlem Melis Korkmaz Ozgungör, Mehmet Emin Arayıcı, Melike Yüksel Yavuz

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LSC - 2025 - Alveolar macrophages promote lung organoid outgrowth but do not protect against negative effects o f PA6,6 microplastics on developing airway organoids
Gwenda Vasse, Rick Post, Marina De Jager, Barbro Melgert

Effects of secondary microplastic on the respiratory system of BALB/c mice
Regiani Carvalho Oliveira (São Paulo (SP), Brazil), Francine Almeida, Kelly Yoshizaki, Mariangela Macchione, Fernanda D. T. Q. Dos Santos Lopes, Natan A. Aguiar, Giovanna V. Jaqueira, João Pedro Albuquerque, Thais Mauad, Luís Fernando Amato Lourenço

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Microplastic Exposure in COPD Alters the Immune Microenvironment: Implications for Tumor-Promoting Inflammation
Wangrui Liu (Shanghai, China), Jiachang Chi, Huaqi Guo, Gang Wei

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PS-13 Session 12:30 - 14:00

Poster session: Appraising and defining clinical practice: asthma and COPD

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Public health Physiology

Chairs : Alexandru Corlateanu (Chisinau, Republic of Moldova), Wang Chun Kwok (Hong Kong, Hong Kong)

Overreliance on oral corticosteroids (OCS) in European asthma management: EU-LAMA survey.
Tomasz Debowski (Warszawa, Poland), Michał Panek, Robab Breyer-Kohansal, Paschalis Steiropoulos, Peter Kopač, Maciej Wojakiewicz, Tomasz Dębowski, Christer Janson, Maciej Kupczyk

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Oral corticosteroids in asthma – what are patients' perceptions and experiences?
Amy Hai Yan Chan (Auckland, New Zealand), Liam* Petrie, Ollie* Simcock Smith, Christina Baggott, Adam Wright-St Clair, Jiayi Gong, Cat L Chang

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GINA step 4 and 5 single inhaler triple therapy (SITT) management in European asthma patients: EU-LAMA survey.
Tomasz Debowski (Warszawa, Poland), Michał Panek, Robab Breyer-Kohansal, Paschalis Steiropoulos, Peter Kopač, Maciej Wojakiewicz, Tomasz Dębowski, Christer Janson, Maciej Kupczyk

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A time-clocked care pathway on severe asthma: A global consensus by Delphi methodology
Mohit Bhutani (Edmonton (AB), Canada), Tonya Winders, David Price, Giorgio Walter Canonica, Johannes In 't Veen, Maciej Kupczyk, Alison Evans, Soram Patel, Janwillem W.H. Kocks

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Real-world evidence (RWE): asthma clinical-outcomes, fluticasone furoate/vilanterol (FF/VI) versus (vs) beclometasone dipropionate/formoterol (BDP/FOR)
Ashley Woodcock (Manchester (Greater Manchester), United Kingdom), John Blakey, Arnaud Bourdin, Giorgio Walter Canonica, Christian Domingo, Alexander Ford, Rosie Hulme, Theo Tritton, Emily Vinall, Ines Palomares, Sanchayita Sadhu, Arunangshu Biswas, Manish Verma

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Regional variations and trends in the use of maintenance inhaled medications in chronic obstructive pulmonary disease
Jeenat Mehareen (Vancouver, Canada), Yiwei Yin, Kayly Choy, Kate M. Johnson, Don D. Sin, Mohsen Sadatsafavi

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Physicians know which patients with asthma benefit most from single inhaler triple therapy (SITT): EU-LAMA survey
Michal Gabriel Panek (Łódź, Poland), Tomasz Debowski, Robab Robab Breyer-Kohansal, Paschalis Steiropoulos, Peter Kopač, Maciej Wojakiewicz, Christer Janson, Maciej Kupczyk

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Physicians adjust single inhaler triple therapy (SITT) asthma treatment according to individual patient's conditions: EU LAMA survey
Tomasz Debowski (Warszawa, Poland), Tomasz Dębowski, Tomasz Debowski, Robab Breyer-Kohansal, Paschalis Steiropoulos, Peter Kopač, Maciej Wojakiewicz, Christer Janson, Maciej Kupczyk

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Improving patient outcomes in severe asthma: utilising a hub and spoke model to expand care delivery
Adel Mansur (Birmingham (West Midlands), United Kingdom), Lisa White, Julie Sullivan, Julie Marsh, Anilkumar Pillai, Bethan Barker, Martin Doherty, Adel Sahal, Simon Message, Deepak Subramanian, Elfatih Idris, Benjamin Sutton, Peter Goodrem, Rachid Berair, Joe Lipworth

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Insufficient treatment optimisation in COPD patients following clinical worsening in an electronic medical record database
Nicolas Roche (Paris, France), Olivier Le Rouzic, Frederic Le Guillou, Christophe Raspaud, Michel Bismuth, Rita Ammoun, Nicolas Coulombel, Ester Alessandrini, Stéphanie Chemla-Seydoux, Ombeline Laguens

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German expert survey: on the practical relevance of the GOLD report - DELFIN2
Jutta Beier (Wiesbaden, Germany), Andrea Patzelt-Bath

Current practices and future directions in COPD management in the Republic of Ireland
Jayleigh Lim (Dublin, Ireland), Alessandro N Franciosi

Accelerating access to asthma biologics in Wales
Michael Pynn (Abergavenny, United Kingdom), Kasia Zalewska, Paul Whittemore, Kelly Holmes, Kate Standeven, Stuart Clarke, Amy Wittsprice, Jenna Lewis, Louise Tucker, Sarah Davies, Clare Williams, James Calvert

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Cost-effectiveness of new asthma treatment guidelines in community
Devon Ward (Liverpool, United Kingdom), Timothy Ho, Rachel Burton, Fred Fyles, Maria Puthoor, Seher Zaidi, Hassan Burhan

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Impact of national clinical guidelines versus RCT criteria on biologic eligibility in asthma
Freda Yang (London, United Kingdom), Bohee Lee, Chloe I Bloom

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Biologic therapy trends in severe asthma: BREATHE study
Iñigo Ojanguren Arranz (SANT CUGAT DEL VALLÉS, Spain), Manuel Rial, Gema Monteagudo, Gabriel Niza, Francisco Ramos-Lima, Marta Alegria

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Asthma control in Germany: Results of a real-life survey
Roland Buhl (Mainz, Germany), Charles Christian Adarkwah, Kai-Michael Beeh, Kathrin Kahnert, Sylvia Mitterdiami, Maren Schuhmann, Annmarie Gähler, Patricia Preuße

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'Brown inhaler' vs 'blue inhaler' behaviours and their relevance to guidelines-based asthma care
Lynn Elsey (Hale, United Kingdom), Naomi Bennett-Steele, Hannah Durrington, Samantha Walker

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Concomitant SABA prescription on top of ICS/LABA in the NEWTON study
Fulvio Braido (Genova, Italy), Kai-Michael Beeh, Carolina Cisneros Serrano, Anh Tuan Dinh-Xuan, Lilla Tamàsi, Antigona Trofor, Eleonora Ingrassia, Alessio Piraino, Cristiano Caruso

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COPD disease burden: evidence from an Italian nationwide survey.
Dejan Radovanovic (Milano (MI), Italy), Fulvio Braido, Marco Contoli, Paola Rogliani, Nicola Scichilone, Francesca Mandurino Mirizzi, Claudio Micheletto, Angelo Guido Corsico, Vincenzo Patella, Pierachille Santus

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PS-11 Session 12:30 - 14:00

Poster session: Asthma biologics: transitions, timing and treatment optimisation

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Cell and molecular biology

Chairs : Simon Couillard (Sherbrooke, Canada), Chair to be confirmed

Choosing and switching biologics for patients with severe asthma – real-life data from the German Asthma Net (GAN)
Alexandra Lenoir (Munich, Germany), Roland Buhl, Carlo Maria Mümmler, Jürgen Behr, Rainer Ehmann, Eckard Hamelmann, Annette Holtdirk, Marco Idzko, Margret Jandl, Frank Kässner, Olaf Schmidt, Christian Schulz, Dirk Skowasch, Christian Taube, Stephanie Korn, Katrin Milger

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Switching biological treatment in severe asthma: A study on patient profiles and clinical outcomes
Hanna Elness (Aarhus N, Denmark)

Response to tezepelumab as a second-line biologic in a UK severe asthma population
Peer Ameen Shah (Leicester, United Kingdom), Francesco Ardesi, Mei Fong Liew, Ronnie Tan Voon Shiong, Claire Boddy, Anna Murphy, Dominick Shaw, Peter Bradding, Sarah Diver, Shamsa Naveed, Christopher Brightling

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Enhancing precision medicine practices for biologic treatments in patients with severe asthma.
Shantanu Kundu (LEICESTER, United Kingdom), Bhumini Rajkotia, Rukshan Samarasinghe

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Switching patients with severe eosinophilic asthma from Tezepelumab to Benralizumab
Felix J.F. Herth (Heidelberg, Germany), Stephanie Korn, Mustafa Abdo, Frederik Trinkmann

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Taking it slow: Titration of biologics in severe eosinophilic asthma – a real world data report
Grgur Salai (Zagreb, Croatia), Ivona Kovacevic, Tina Stankovic, Kristina Lalic, Mirna Vergles

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Baseline biomarkers predicting remission of severe asthma after switching biologics
Susanne Hansen (Copenhagen, Denmark), Kjell Erik Julius Håkansson, Marianne Soendergaard, Anne-Sofie Bjerrum, Johannes Schmid, Sofie Johansson, Linda Rasmussen, Claus Johnsen, Barbara Bonnesen, Roxana Vijdea, Anna Von Buelow, Niels Steen Krogh, Lycely Dongo, Ole Hilberg, Charlotte Ulrik, Celeste Porsbjerg

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Stick or twist? FeNO predicts clinical benefit in patients switching from IL5/5R to IL4/13 blockade due to uncontrolled asthma
Clare Tiedeman (Newcastle East, Australia), Elisa Landin-Rey, Imran Howell, Andrew Chadwick

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Tezepelumab in severe uncontrolled asthma, for naïve or switched patients?
Alberto González Hernández (Huelva, Spain), Javier Romero López, Carla Romero Sayago, Jessica Ivana Hilares Vera, Carolina Puchaes Manchón, Antonio Pereira Vega

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Bio-RAMPA: Adverse Drug Reactions of Biological Therapies
Ana Rita Gaspar Ribeiro (Portimão, Portugal), Nuno Lopes, Joana Coelho, Maria João Paes, Natacha Santos, Marta Nobre Pereira, Pedro Americano, Manuela Sousa, Paula Campos, Brigitte Viegas, Maria Antónia São Braz, Ulisses Brito, Lígia Pires, Vanda Areias, Inês Belchior

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Assesing treatment response to benralizumab with cuantitative scales. The "FEOS rate". A multicenter study in Madrid, Spain.
David Romero Ribate (Madrid, Spain), Daniel Laorden, Celia Pinedo, Eva De Santiago, Ines Escribano, Julia Garcia, Miguel Angel Racionero, Zully Vasquez, Perla Valenzuela, Natividad Quiles, Diana Sánchez Mellado, Rocio Diaz, Silvia Sanchez Cuellar

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Variability in time to response in severe asthma biologics: a SHARP survey
Gilles Louis (Liège, Belgium), Joseph Lanario, Dominique Hamerlijnck, Aruna Bansal, Olivia Fulton, Hilary Hodge, Sanja Popović-Grle, Sanja Hromis, Florence Schleich, Renaud Louis, Vratislav Seldak, Celeste Porsbjerg, Kostas Samitas, Zsuzsanna Csoma, Dora Lúðvíksdóttir, Cristina Cardini, Kristina Bieskiene, Piotr Kuna, Claudia Chaves Louriero, Peter Kopac, Valentyna Yasinska, Liam Heaney, Patrick Mitchell, Florin Mihălţan, Michael Hyland, Jacob Sont, Matthew Masoli

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Predictive determinants of response to biological therapy in children and adults with severe asthma
Debora Maria Spitaleri (Palermo, Italy), Marina Saad, Anna Casartelli, Giada Lazzaroni, Roberta Grazi, Giulia Canali, Michele Ghezzi, Dejan Radovanovic, Pierachille Santus

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Machine learning prediction of synergistic effects of anti-TSLP and Budesonide on airway epithelial integrity in asthma
Valentina Lazzara (Palermo, Italy), Velia Malizia, Paola Pinto, Alessandra Pandolfo, Anna Bonomolo, Vito Muggeo, Elisabetta Pace, Stefania La Grutta, Giusy Daniela Albano

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Proactive identification of Uncontrolled Severe Asthma Patients within Humber and North Yorkshire ICS to Address Inequalities in access to Asthma Biologics: The Pro-HNY-Bio Project
Shoaib Faruqi (Cottingham, United Kingdom), Charlotte Riches, Helena Cummings, James Crick, Harriet Smith, Michael Crooks

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eNose Breath Analysis for Predicting Eosinophilic Asthma and Biologic Response in PRISM-UK
Nazanin Zounemat-Kermani (hanworth, United Kingdom), Piers Dixey, Katie Raby, Pujan Patel, Ian M Adcock, Tae Bum Kim, Pankaj Bhavsar, Kian Fan Chung

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Modelling the impact of earlier biologic initiation in severe asthma patients
Simon Couillard (Sherbrooke, Canada), Njira Lugogo, Tonya Winders, Mohit Bhutani, Laurel Bates, Erik Robinson, Alison Evans, Soram Patel, Danny Gibson, David Price

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Evaluation of biomarkers and a decision tree model for the treatment of asthma with omalizumab:a prospective cohort study
Yi Liu (Chengdu, China), Jian Sun

Real-world dosing interval extension of biologics in the Dutch severe asthma registry
C J M Marijnissen (Leiden, Netherlands), J K Sont, F L Meulmeester, M W J M Wouters, J H Kappen, A Ten Brinke, O B I O M A B Study Group

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Towards personalised dosing intervals of biologics in severe asthma: a Dutch nationwide survey on interval extensions
C J M Marijnissen (Leiden, Netherlands), J K Sont, M W J M Wouters, A Ten Brinke, J H Kappen, O B I O M A B Study Group

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PS-34 Session 12:30 - 14:00

Poster session: Translational studies in interstitial lung disease of known causes

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Imaging Cell and molecular biology General respiratory patient care Physiology Pulmonary function testing Epidemiology

Chairs : Thomas Planté-Bordeneuve (Durnal, Belgium), Chair to be confirmed

Seralutinib shows significant anti-fibrotic effects: Evidence from patient-derived models
Ravikumar Sitapara (San Diego, United States), Silvia Cantoni, Eduardo Garcia, Caterina Amato, Zhaoqing Ding, Robin Osterhout, Lawrence S. Zisman, Sidra Hoffman, Lawrence Ho, Francisca Gavilanes, Richard Aranda, Daniela Miglietta, Tomás Pulido, Bruno Guedes Baldi, Rogério Souza, Jean-Marie Bruey, Vincent Cottin

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Investigating the effect of transforming growth factor (TGF)-β isoforms 1, 2, and 3 on lung and dermal fibroblast functions
Raveen Badyal (Vancouver, Canada), Brandon Kohlen, Kevin J. Keen, James V. Dunne, Tillie-Louise Hackett

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Multi-Omics Reveals Gut-Lung Axis Dysbiosis and Metabolic Shifts in Pulmonary Fibrosis
Jing Gao (stockholm, Sweden), Duo-Fang Wang, Yuan Zhang, Zhou-Tai Chai, Hua-Xiu Ma, Wei-Dong Hu, Xiao-Jun Wang

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Predictive Power of the e-Lung Weighted Reticulovascular Score for Mortality in Progressive Pulmonary Fibrosis
Ayodeji Adegunsoye (Chicago, United States), Christian Rennison-Jones, Lydia Chelala, Cathryn Lee, Wassim Bou-Zeid, George Harston, Claire Fernandez, Olivier Joly, Mary Strek, Anand Devaraj, Peter George

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Evaluation of the antifibrotic effect of a dual αvβ6/αvβ1 integrin inhibitor in a mouse model of rheumatoid arthritis-associated interstitial lung disease
Johanna Schaub (South San Francisco, United States), Erine Budi, Martin Decaris, Elizabeth Redente

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Plasma biomarkers for diagnosis and prognosis in interstitial lung disease (ILD)
Karin von Wachenfeldt (Lund, Sweden), Nina Fransén Pettersson, James Eaden, Per Broberg, Witte Koopmann, Irma Mahmutovic Persson, Nazia Chaudhuri, Stephen Bianchi, Sarah Skeoch

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Characterizing the antifibrotic activity of bexotegrast on pathologic cell populations in multiple ILD subtypes
Johanna Schaub (South San Francisco, United States), Mahru An, Richard Ahn, Jennifer Yuzon, Steve Ho, Vikram Rao, Chris Her, Selorm Tamakloe, Hanieh Farhadi, Edward Cantu, Jeremy Katzen, Paul Wolters, Martin Decaris

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Clinical Value of Pentraxin-3, Heparin Binding Protein and C-Reactive Protein In Interstitial Lung Diseases
Ceren Gokce Coskun Ekiz (mersin, Turkey), Bahar Ulubas

LSC - 2025 - siRNA-mediated perturbations in human precision-cut lung slices coupled to time-resolved single-nucle i RNA-seq
Ahmed Agami (Munich, Germany), Sai Rama Sridatta Prakki, Lin Yang, Diana Porras-Gonzalez, Niklas J Lang, Michael Gerckens, Laurens J De Sadeleer, Wim Wuyts, Jürgen Behr, Christian Schneider, Gabriel Stoleriu, Gerald Burgstaller, Fabian J Theis, Herbert B Schiller

Artificial Intelligence-analyzed airway parameters and disease progression in fibrotic Hypersensitivity Pneumonitis
Giulia Lunati (Milan, Italy), Francesco Varone, Giacomo Sgalla, Bruno Iovene, Lucio Calandriello, Giuseppe Cicchetti, Rosa D'Abronzo, Anna Rita Larici, Luca Richeldi

Impact of epicardial adipose tissue on comorbidities and prognosis in fibrotic interstitial lung disease
Raphaël Hindré (Saint Ouen sur Seine, France), Farah Mesli, Pierre Yves Brillet, Anass Ibrahim, Emmanuel Cosson, Yurdagül Uzunhan, Hilario Nunes, Lucile Sesé

Impulse Oscillometry in Avian Fibrotic Hypersensitivity Pneumonitis – a prospective study
Ana Filipa Soares Correia (Vale de Cambra, Portugal), Mariana Hipólito Reis, Vânia Almeida, Paula Pinto, Raquel Carvalho, Maria José Fernandes, Tiago Oliveira, Joana Gomes

GM-CSF-treated bone marrow-derived macrophages improve pulmonary fibrosis in bleomycin-treated mice
Sydney Joy (Montreal, Canada), James Martin

Comparison of Quantitative Image Analysis and visual change assessment methods in interstitial lung disease progression
Wieying Kuo (Seattle, United States), Javier Mercado, Peiyun Lu, Kari Sorge, Grace H J Kim

Mesenchymal stromal cell priming in the treatment of systemic sclerosis
Sydney Joy (Montreal, Canada), James Martin, Ines Colmegna

Cytokine biomarkers and machine learning for disease staging in artificial stone silicosis
Antonio Leon Jimenez (Cádiz, Spain), Daniel Sánchez-Morillo, Gema Jiménez-Gómez, Ana Martin-Carrillo, Antonio Hidalgo-Molina, Alberto Gallardo-García, Antonio Campos-Caro

Integrated plasma proteomic drives Risk stratification and phenotypic trajectory in ILD
Junfeng Huang (guangzhou, Guangdong, China), Zikai Lin, Huijie Yang, Yushan He, Gongping Shu, Bingpeng Guo, Gengjia Chen, Jialin Guo, Xiaoxiao Mao, Baoqing Sun, Fuchu He, Qian Han, Shiyue Li

Comparative proteomic insights in idiopathic and post-COVID pulmonary fibrosis
Suniti Yadav (New Delhi, India), Preeti Singh, Md. Quasid Akhter, Rajat Ujjainiya, Shantanu Sengupta, Saurabh Mittal, Ashu Seith Bhalla, Anant Mohan, Vijay Hadda

Novel autoantibody profiles in primary Sjögren's disease with Interstitial Lung Disease
Jan Christoph Gras (Hannover, Germany), Jannik Ruwisch, Fiona Engelke, Theresa Graalmann, Jonas Christian Schupp, Jan Fuge, Sabine Dettmer, Torsten Witte, Benjamin Seeliger

Pulmonary function and proteolytic activity of blood in patients with systemic scleroderma.
Oksana Karasova (Dnipro, Ukraine), Viktoria Rodionova

PS-5 Session 12:30 - 14:00

Poster session: Implementing artificial intelligence and telemedicine in real-world routine care practices

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Public health | Epidemiology | Pulmonary function testing

Chairs : Omar MASROUR (Rabat, Morocco)

Can AI convey empathy? A comparative analysis with physicians
Federico Donfrancesco (Roma, Italy), Jacopo Simonetti, Giacomo Sgalla, Bruno Iovene, Francesco Varone, Luca Richeldi

Language Models Lag Behind: Inconsistent Alignment with Recent Removal of Race from Clinical Algorithms
Amin Adibi (Vancouver, Canada), Mohsen Sadatsafavi

Generative artificial intelligence chatbots versus physicians on answering patients' questions about nosocomial pneumonia
Vitalii Poberezhets (Vinnytsia, Ukraine), Daryna Feshchenko, Nataliia Slepchenko

Performance of Generative Artificial Intelligence Chatbots on the Pulmonological Medical Licensing Testing
Vitalii Poberezhets (Vinnytsia, Ukraine), Yuliia Kyshchuk, Olha Melnyk

Real-World Evaluation of a Digital application for Severe Asthma Management in the NHS
Lauren Hudson (Oxford, United Kingdom), Guy Checketts, Hitasha Rupani, Alexandra Nanzerkelly, David Pettigrew, Tom Wilkinson, James Rose

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Prospects for the widespread introduction of digital technologies in models of medical care for people with tuberculosis
Arianna Kravchuk (, Ukraine), Oksana Ushakova, Yana Terleieva, Olga Gvozdetska, Oksana Rossovska, Yurii Varchenko, Olga Sakalska, Olesia Medvedieva, Liudmyla Prilepina, Janna Karpenko, Liubov Markovzii, Natalia Chursina, Liubomyr Rak, Olga Siomak

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How could data science support routine asthma care: a qualitative interview study
Holly Tibble (Edinburgh, United Kingdom), Jaime Garcia Iglesias, Alexandria Chung

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A new implementation research methodology to assess and improve usability of self-management products
Erika Kennington (London, United Kingdom), Ian Jarrold, Jenni Parker, Ali Fawkes, Rupert Tebb, Samantha Walker

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Safety and reliability of information about bronchial asthma in social networks: a comparative analysis of Facebook and Instagram
Mariia Tsyben (Vinnytsya, Ukraine), Vitalii Poberezhets

Guidelines in clinical practice–inside from a German app-based guideline tool
Bjoern Frye (Freiburg, Germany), Andreas Hoheisel, Laura Potasso, Wolfgang Hanke, Thomas Köhnlein, Daiana Stolz, Regina Hanke

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Evaluation of the quality of information on websites about asthma in children and its compliance with GINA 2024 Guidelines
Mariia Tsyben (Vinnytsya, Ukraine), Oleksandr Mazulov

Patterns of Digital Health Adoption in Pediatric Respiratory Care: A Cluster Analysis
Alessandra Pandolfo (Palermo, Italy), Andrea Perri, Amelia Licari, Velia Malizia, Giuliana Ferrante, Raffaella Nenna, Sara Manti, Valentina Lazzara, Omar Shatarat, Filippo Sapienza, Vito Rosario Michele Muggeo, Giovanni Viegi, Stefania La Grutta

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Use of remote technologies in management of respiratory diseases in children from economically disadvantaged communities: A scoping review
Jui Prashant Andharia (Birmingham, United Kingdom), Derick Yates, Priti Kenia, Prasad Nagakumar

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Development and implementation of digital remote care in COPD: A collaborative service model
Silje Bergersen (Skedsmokorset, Norway), Nina Mickelson Weldingh, Gunnar Einvik, Bendik Westlund Hegna, Christiane Kværner, Anne Edvardsen

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A cross-sectional analysis of wearable device adoption and usage among western Europeans
Shuying Yu (San Diego, United States), Meredith Barrett, Ann Cameron, Graywyn Bareno, Xueling Zhu, Ross Deas, Elroy Boers, Kimberly Sterling, Leanne Kaye

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Perspectives on contactless monitoring during sleep among patients with COPD: a qualitative study
Julie Egmose (Gistrup, Denmark), Pernille Heyckendorff Secher, Thomas Kronborg, Stine Hangaard

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Contactless monitoring of vital signs during sleep for predicting COPD exacerbations: a case study
Julie Egmose (Gistrup, Denmark), Thomas Kronborg, Pernille Heyckendorff Secher, Stine Hangaard

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Culture matters: A cross-country comparison in COPD patients of technology acceptance
Esther I. Metting (Groningen, Netherlands), Le Nguyen, Maelle Spiller, Lisayra Dassen

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ERS CONNECT CRC: a peer-reviewed list of digital respiratory technologies
Isaac Cano (Vilanova del Camí, Spain), Tamara Vagg, Katherina Bernadette Sreter, Shane Fitch, Sinead O'Connor, Vishakha Kalpesh Kapadia, Oleksandr Mazulov, Shirley Quach, Amy Chan, Io Chi-Yan Hui, Kjeld Hansen, Hilary Pinnock

PS-16 Session 12:30 - 14:00

Poster session: Asthma: clinical management

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Pulmonary function testing Epidemiology Public health General respiratory patient care Imaging Physiology

Chairs : Renaud Louis (Liège, Belgium), Evangelia Fouka (Thessaloniki, Greece)

Machine Learning for Predicting Asthma Exacerbations: A Real-Time Monitoring Approach
Husna Irfan Thalib (Jeddah, Saudi Arabia), Sariya Khan, Ayesha Jamal, Dr. Nadeem Ikram

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RCT investigating metered dose inhaler (MDI) technique guidance platform aflo® (device, app, clinician hub) to improve inhaler proficiency & reduce symptoms
Martin G. Kelly (Londonderry (Derry), United Kingdom), Geraldine Horigan, Ruth Price, Susan Kelly

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Obstructive Spirometric Index for Asthma Attack Risk Prediction: Analysis from the ORACLE2 Patient-Level Meta-Analysis
Samuel Mailhot-Larouche (Sherbrooke, Canada), Fleur L Meulmeester, Sanjay Ramakrishnan, Michael E Wechsler, Guy Brusselle, Jonathan Corren, Sarah E Diver, Christopher E Brightling, Mario Castro, Nicola A Hanania, David J Jackson, Neil Martin, Deborah Clarke, Alison Moore, Megan E Hardin, Philippe Lachapelle, Cecile T.J. Holweg, Allu Subhashini, Timothy S.C. Hinks, Mark Holliday, Richard W Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord, Simon Couillard

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Role of the nurse in the therapeutic education of asthmatics
Houda Snène (Tunis, Tunisia), Mayssa Beji, Asma Amiri, Sirine Daoud, Hana Blibech, Donia Belkhir, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir

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Impact of anxiety and depression on asthma control levels among algerian adults with asthma
REDOUANE BELALA (CONSTANTINE, Algeria), Yacine Djeghri, Khaled Tlili, Amine Meridj

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Discordance between FeNO results and acute bronchodilator response in asthmatic patients.
Keith Burgess (Sydney (NSW), Australia), Carolina Langbroek, Thomas Bale

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Combining lung function and Asthma Control Test in risk assessment of asthma patients
Johanna Karlsson Sundbaum (Boden, Sweden), Petra Lövberg, Oscar Sundbaum, Helena Backman, Jon Konradsen, Caroline Stridsman

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Comparison between ATS/ERS 2022 and GINA 2024 Definitions of Significant Bronchodilator Response in Relation to Asthma Control in Adults
Khouloud Kchaou (Ariana, Tunisia), Chaima Briki, Yosra Abdelhedi, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine

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Long-term trends in the burden of asthma in China: A joinpoint regression and age-period-cohort analysis based on the GBD 2021
Qian Zhang (Changzhou (Jiangsu), China), Na Li

Impact of ERS/ATS 2022 Positive Bronchodilator Response on Asthma Control
Clara Seghers Carreras (Madrid, Spain), Lucía Ortega Ruíz, Begoña Peña Del Cura, Fernando Vargas Ursúa, Cristina Martín-Arriscado Arroba, Miguel Jiménez Gómez, Carlos Melero Moreno, Rocío Magdalena Díaz Campos

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The effect of an asthma flare-up clinic on disease management and outcomes – a single center randomized controlled trial
Ophir Freund (Tel Aviv, Israel), Omer Meoded, Ruth Itzhaki, Taly Gordon, Doron Cohn-Schwartz, Ariel Melloul, Sharon Engelberg, Inbal Friedman Regev, Boaz Tiran, Evgeni Gershman, Amir Bar-Shai

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Using the Glittre-ADL test to identify treatable trait of dynamic hyperinflation in adults living with asthma
Isabela Aziz (Niteroi, Brazil), Isabela Tamiozzo Serpa Tamiozzo Serpa, Paulo Leandro Da Silva Pinto, Marcela Pinto Venâncio Lourenço Da Silva, Iasmin Maria Pereira Pinto Fonseca, Thiago Prudente Bártholo, Agnaldo José Lopes

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Survey evaluating CompEx Asthma components, and current and future digital enablers
Geoffrey Chupp (New Haven, United States), Christopher Hui, Stephanie Christenson, Elliot Israel, Wim Janssens, Janwillem Kocks, Salman Siddiqui, John Haughney, Eva Topole, Carla A Da Silva, Clare Bolton

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Development of a novel measure of inhaler technique: The Portsmouth Inhaler Technique (PIT) Score
Ruth De Vos (Horndean, United Kingdom), Mitch Lomax, Heather Mackenzie, Thomas Brown, Milan Chauhan, Jane Longstaff, Robin Clark, Daniel Neville, Thomas Jones, Mark Sanders, Anoop J. Chauhan

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Spirometry Coving Index: a novel predictor of asthma and COPD disease progression
Rod Hughes (Sheffield (South Yorkshire), United Kingdom), Dougan Mckellar, Navot Arad, Hana Müllerová, Maria G Belvisi, Ricardo Del Olmo, Helen Reddel, Alberto Papi

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Impact of airway inflammation on asthma control in patients receiving anti-inflammatory therapies
Hà Pham Ngoc (Paris, France), Thông Hua-Huy, Nhât-Nam Lê-Dông, Frédérique Aubourg, Stéphanie Habib-Maillard, Clémence Martin, Isabelle Honoré, Nicolas Roche, Anh Tuan Dinh-Xuan

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Diaphragm function in patients with asthma and healthy controls: a cross-sectional study
Andrea Portacci (Modugno, Italy), Ilaria Iorillo, Vitaliano Nicola Quaranta, Monica Amendolara, Flogerta Sana, Valeria Pezzuto, Santina Ferrulli, Enrico Buonamico, Giuseppe Di Gioia, Silvano Dragonieri, Giovanna Elisiana Carpagnano

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Relation of changes in PEF and FEV1 during bronchodilation in adults
Leon L. Csonka (Tampere, Finland), Antti Tikkakoski, Liisa Vuotari, Jussi Karjalainen, Lauri Lehtimäki

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Spirometry, oscillometry and ventilation heterogeneity in relation to asthma symptom control in adults
Lander Huybrecht (Ternat, Belgium), Shane Hanon, Sylvia Verbanck

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Comparing Impulse Oscillometry (IOS) and Spirometry in asthma diagnosis and small airway dysfunction assessment
Anil Kumar Singh (Lucknow, India), Rajat Mishra, Huda Shamim, Alok Srivastava, Dipin S, Rahul Sharma

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PS-7 Session 12:30 - 14:00

Poster session: Noninvasive respiratory support in lung diseases and obesity: use in acute and chronic care

Disease(s) : Respiratory critical care | Sleep and breathing disorders | Airway diseases

Method(s) : General respiratory patient care | Epidemiology | Respiratory intensive care | Physiology | Pulmonary function testing | Imaging

Chairs : Claudio Rabec (Lausanne, Switzerland), Rebecca D'Cruz (London, United Kingdom)

Comparison between the initiation of long-term NIV after an acute episode or at steady state: a French SPLF-ANTADIR cohort analysis
Claudio Rabec (Lausanne, Switzerland), Bruno Ribeiro-Baptista, Antoine Cuvelier, Boris Melloni, Pierre Cervantes, Capucine Morelot, Maxime Patout, Marjolaine Georges, Sandrine Pontier, Anne Guillemot, Léo Grassion, Magalie Mercy, Frédéric Gagnadoux, Christophe Perrin, Franck Lavergne, Arnaud Prigent, Anne Mallart, Romain Kessler, Frédéric Claude, Laure Goubert, Hélène Prigent, Sandrine Jaffre, Anne Perel, Claudia Llontop, Kamila Sedkaoui, Jacqueline Delrieu, Jean-François Muir, Jésus Gonzalez-Bermejo

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Body plethysmographic and pathophysiological characterization of the deventilation syndrome in COPD patients receiving home non-invasive ventilation
Maximilian Wollsching-Strobel (Köln, Germany), Maximilian Zimmermann, Doreen Kroppen, Daniel Majorski, Melanie Berger, Tim Mathes, Andreas Leha, Wolfram Windisch, Sarah Stanzel

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Proposed minimal clinically important difference for the S3-NIV questionnaire in patients with COPD receiving HMV
Teresa Manuel Santos Cruz Machado (Vila Nova De Gaia, Portugal), Pedro Viegas, Leonor Roseta, Luísa Castro, Cátia Paixão, Cristina Jácome, Carla Ribeiro

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Patient reported versus ventilator confirmed home NIV usage in a single centre.
Raicheal Woods (Newcastle Upon Tyne, United Kingdom), Hilary Tedd, Alison Armstrong, Patrick Browne, Anthony De Soyza, Benjamin Messer, Nicholas Lane

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Non-Invasive Ventilation and Upper Airway Disorders: Allergic Rhinitis as an Example
Nour Kallel (Sfax, Tunisia), Rahma Gargouri, Heni Abdelhedi, Rim Khemakhem, Sameh Msaad, Nedia Moussa, Samy Kammoun

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Indications and survival in patients receiving post-acute home non-invasive ventilation (NIV)
Aylin Özsancak Uğurlu (Birmingham, United Kingdom), Alastair Watson, Saboor Zulfiqar, Juhi Jain, Amy Oakes, Rahul Mukherjee

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Intersex differences in clinical outcomes in patients with COPD receiving long term Noninvasive ventilation
Dilanka Tilakaratne (Manchester, United Kingdom), Andrew Bentley, Balazs Csoma, Andrew Chai, Zsofia Lazar, Andras Bikov

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Adherence and persistence to long-term non-invasive ventilation in home-treated patients with COPD.
Line Hust Storgaard (Aabybro, Denmark), Anne-Mette Meldgaard, Ulla M. Weinreich

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Clinical experiences in the management of COPD patients receiving long-term home non-invasive ventilation: a European survey
Scott Gibson (Norderstedt, Germany), Claudia Crimi, Annalisa Carlucci, Simon Oczkowski, Jean-Louis Pépin, Sarah Alami

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Non-Invasive Ventilation Transport. Insights from International practice and new technology.
Antonio M. Esquinas (Murcia, Spain), Satheesh Munusamy, Francisco J. Gil Martín, Asier Losada Carballo, Francisco J..Javier Lucas Galán, José Carretero Jiménez, Iñaki Molina, Fernado Jose Sotos Solano, Lucia Maiquez Sanchez, Bushra Mina, Alejandro Ubeda

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Atelectesis on chest CT is associated with worse outcomes in patients with COPD using long-term NIV
Nazhrah Al Ieman Haji Mostapha (Bolton, United Kingdom), Balazs Csoma, Andrew Chai, Eleanor Croft, Zsofia Lazar, Andrew Bentley, Andras Bikov

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Mortality impact of long-term home NIV in COPD patients with versus without OSA
Jean-Louis Pépin (Grenoble, France), Eleonore Herquelot, Helene Denis, Maxime Patout, Anne Josseran, Florent Lavergne, Aurelie Schmidt, Atul Malhotra, Peter Cistulli, Alain Palot, Arnaud Prigent

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Inspiratory laryngeal observations during non-invasive ventilation titration in individuals with COPD
Anne Kristine Brekka (Nedenes, Norway), Petrine V. Solli, Solfrid Indrekvam, Merete S. Engeset, Ola D. Røksund, Sverre Lehmann, Hege Clemm, Thomas Halvorsen, Patrick Murphy, Maria Vollsæter, Tiina Andersen

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Predictors of survival and NIV response in patients with bronchiectasis and chronic respiratory failure: insights from a retrospective study
Joana Sofia Pereira De Magalhães Ferreira (Porto, Portugal), Adelina Amorim, Anabela Marinho, Miguel Gonçalves, Maria Jacob

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Home long-term oxygen and mechanical ventilation therapy (OHMVAT) in adults with obstructive lung disorders in Turkey: a multicenter, prospective, real life study
Sinem Gungor (Istanbul, Turkey), Eylem Tunçay, Büşra Ergeç Özmen, Nazlıcan Yıldırım, Feride Marim, Buğra Kerget, Alperen Aksakal, Ramazan Eren, Tuğba Kara, Hülya Deniz Mısır, Emine Afşin, Furkan Küçük, Ülku Durak, Aylin Pıhtılı, Elif Yelda Niksarlioglu, Şeyma Tunç, Bilkay Serez Kaya, Esra Temel, Mehmet Hakan Bilgin, Ozlem Yazicioglu Mocin, Buket Mermit, Ayşegül Tomruk Erdem, Ege Güleç Balbay, Esra Akkütük Öngel, Şerif Kurtuluş, İrem Serifoglu, Dorina Esendağlı, Mehmet Ali Habeşoğlu, Aslıhan Gürün Kaya, Ebru Ortaç Ersoy, Ayten Odabaş, Nazli Cetin, Fatih Alaşan, Esat Kıvanç Kaya, Özkan Devran, Meltem Tor, Aslı Gorek Dilektasli, Akın Kaya, Ezgi Ozyilmaz, Begüm Ergan, Aylin Özsancak Ugurlu

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Efficacy of high flow nasal cannula versus non invasive ventilation bilevel positive airway pressure in acute exacerbation of chronic obstructive pulmonary disease-a randomized control study
PRAVEEN RADHAKRISHNAN (PUDUCHERRY, India), Yuvarajan Sivagnaname, Srinath Sudharsan

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Comparison between high flow nasal oxygen therapy and non-invasive ventilation in the treatment of acute hypercapnic respiratory failure: a systematic review and meta-analysis
Jonni Fay Teves (Quezon City, Philippines), Mithi Kalayaan Zamora

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iVAPS versus S/T mode as a non-invasive weaning strategy in post-extubation COPD patients: Pilot randomized control trial
Prakhar Sharma (Rishikesh, India), Saikat Banerjee, Ganesh Sanjan, Prakash Sivaramakrishnan, Deepansh Gupta, Suyash S. Rathore, Shivam Garg

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Anxiety and depression in patients requiring NIV for ECOPD
Muhammad Hashim Naseer (Newcastle Upon Tyne, United Kingdom), Karen Brewin, Eduwin Pakpahan, Stephen Christopher Bourke

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Evaluation of NIVO score for real-life outcomes in patients with exacerbation of COPD receiving ward-based non-invasive ventilation (NIV)
Aylin Özsancak Uğurlu (Birmingham, United Kingdom), Ravi Ketan Bange, Sridiyareddy Yangannagari, Madeeha Ahmed, James Cooper, Louise Charalambous, Rahul Mukherjee

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PS-33 Session 12:30 - 14:00

Poster session: Predicting progression in pulmonary fibrosis: biomarkers and beyond

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Cell and molecular biology Imaging Epidemiology Pulmonary function testing Endoscopy and interventional pulmonology Physiology

Chairs : Diana Calaras (Chisinau, Republic of Moldova), Iftikhar Nadeem (Lode, Cambridge, United Kingdom)

Multiprotein predictor of short-term mortality in idiopathic pulmonary fibrosis (IPF)
Jamie L. Todd (Durham, United States), Hillary Mulder, Megan L Neely, Peitao Wu, John A Belperio, Toby M Maher, Justin M Oldham, Scott M Palmer, Divya C Patel, Thomas Schlange, Christian Hesslinger

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Exploring the value of electronic nose technology to predict disease progression in pulmonary fibrosis
Bart J. Formsma (Delft, Netherlands), Catharina C. Moor, Iris G. Van Der Sar, Leda Yazbeck, Markus Polke, Michael Kreuter, Vincent Cottin, Tamera J. Corte, Mymy Tran, Philip L. Molyneaux, Marlies S. Wijsenbeek

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Lipid metabolism alterations in idiopathic pulmonary fibrosis: impact on disease severity and prognosis
Giovanni Franco (Monza, Italy), Paola Faverio, Paola Rebora, Umberto Zanini, Anna Amato, Federica Vitarelli, Simona Spiti, Alessandro Maloberti, Cristina Giannattasio, Valerio Leoni, Fabrizio Luppi

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Bronchoalveolar lavage cell differential count is associated with survival and radiological UIP pattern in familial pulmonary fibrosis
Hanna Jaula (Oulu, Finland), Johanna Leppänen, Lauri Mattila, Lauri Ahvenjärvi, Eerika Nurkkala, Henri Lampela, Elisa Lappi-Blanco, Hannu Vähänikkilä, Terttu Harju, Riitta Kaarteenaho

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Could serum vanin-1 level be a novel biomarker in patients with idiopathic pulmonary fibrosis?
Gözde Öksüzler Kizilbay (Kocaeli, Turkey), Serap Argun Barış, Özgür Doğa Özsoy, Hale Maral Kır, Sevtap Doğan, Duygu Temiz Karadağ, Ayşe Çefle, Haşim Boyacı, Ilknur Başyiğit

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Tissue turnover biomarkers are associated with lung function and exercise capacity in idiopathic pulmonary fibrosis
Filipa B Simões (Herlev, Denmark), Nils Hoyer, Thomas S Prior, Peder Fredriksen, Morten A Karsdal, Diana J Leeming, Elisabeth Bendstrup, Jannie M B Sand, Saher B Shaker

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MMP-7 and MPO as severity biomarkers in interstitial lung disease(ILD) patients in a brazilian cohort
Julia Rodrigues Ferraz Silva (Rio de Janeiro, Brazil), Bianca Lucena, Monique Melo, Mayck Da Silva, Rebeca Nascimento, Marcos Bathlem, Nadja Graça, Nina Visconti, Michele Ferreira, Carla Santos, Fernanda Mello, Pedro Silva, Fernanda Cruz

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Mucin1 and Mucin4 as diagnostic biomarkers of Interstitial Lung Disease and its Acute Exacerbation
Motoko Nomura (Saitama, Japan), Hiromitsu Ohta, Masahiro Hiruta, Yuki Maeda, Kentaro Minegishi, Jun Shiihara, Yasuhiro Yamaguchi

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Sublingual assessment of the endothelial glycocalyx reveals vascular endothelial dysfunction in patients with fibrotic interstitial lung disease
Giles Dixon (Badminton, United Kingdom), Jonathan Cl Rodrigues, Krasimira Tsaneva-Atanasova, Chris J Scotton, Michael A Gibbons, Shaney L Barratt

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Histopathological UIP as a Prognostic Biomarker in Fibrotic Interstitial Lung Diseases with Preserved Lung Function.
Silvia Carlini (Rimini, Italy), Sara Tomassetti, Sara Piciucchi, Diletta Cozzi, Edoardo Cavigli, Alessandra Dubini, Valeria Pasini, Camilla Comin, Venerino Poletti, Claudia Ravaglia

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Fibroblast foci in transbronchial lung cryobiopsy specimens predict progression in interstitial lung diseases
Eeva Saari (Kuopio, Finland), Minna Mononen, Hannele Hasala, Hanna Nurmi, Hannu-Pekka Kettunen, Sanna Suoranta, Elisa Lappi-Blanco, Riitta Kaarteenaho, Heikki Koskela, Minna Purokivi

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The clinical meaning of the Usual Interstitial Pneumonia (UIP) detected by transbronchial lung cryobiopsy (TBLC)
Simone Petrarulo (Padova, Italy), Fabiola Murgolo, Martina Montinaro, Tommaso Zanaboni, Teresa Calari, Giulia Panzuti, Stefano Oldani, Arianna Johanna De Grauw, Elisabetta Fabbri, Sara Piciucchi, Alessandra Dubini, Claudia Ravaglia, Venerino Poletti

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Clinical Characteristics and Whole Exome Sequencing Results from a Prospective Observational Cohort Study of Familial Pulmonary Fibrosis
Aoife Carolan (Stoneybatter, Ireland), Wan Lin Ng, Jisha Jasmin, Mari Ozaki, Killian Hurley

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Advancing Pulmonary Fibrosis Care: Integrating Genomic Insights into Clinical Practice
Eva Carmona (Rochester, United States), Kathryn Del Valle, Kayla Kolbert, Kaitlin Sikkink, Clhoe Gill, Jennifer Kemppainen, Denise Whalen, Amarilys Alarcon Calderon, Victor Ortega, Abhishek Mangaonkar, Mrinal Patnaik, Ana Zamora, Alejandro Ferrer, Filippo Pinto E Vairo

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Risk score including family history for patients with interstitial lung disease waiting for lung transplantation
Kiminobu Tanizawa (Kyoto, Japan), Tomohiro Handa, Akihiro Ohsumi, Daisuke Nakajima, Ryuji Uozumi, Kohei Ikezoe, Yoshinari Nakatsuka, Ryo Sakamoto, Akihiko Yoshizawa, Hiroshi Date, Toyohiro Hirai

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Biomarkers of epithelial injury and disease progression correlate with cough severity in patients with pulmonary fibrosis
Lutz Wollin (Biberach an der Riß, Germany), Richard Vinisko, Philip L. Molyneaux, Linda Scarrott, Nina Patel, Marlies Wijsenbeek-Lourens

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Soluble cytokine receptors in idiopathic pulmonary fibrosis
Kiminobu Tanizawa (Kyoto, Japan), Tomohiro Handa, Naoki Yamada, Takafumi Niwamoto, Yuko Murase, Yoshinari Nakatsuka, Seishu Hashimoto, Yoshio Taguchi, Hiromi Tomioka, Keisuke Tomii, Hideo Kita, Michihiro Uyama, Michiko Tsuchiya, Masahito Emura, Tetsuji Kawamura, Naoki Arai, Machiko Arita, Kazuko Uno, Akihiko Yoshizawa, Ryuji Uozumi, Kohei Ikezoe, Naoya Tanabe, Izumi Yamaguchi, Fumihuko Matsuda, Kazuo Chin, Toyohiro Hirai

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MATRIX METALLOPROTEINASES (MMPs) AND SEVERITY OF OVERCOMING IDIOPATHIC PULMONARY FIBROSIS (IPF)
Valeriia Dmytrychenko (Dnipro, Ukraine), Viktoriya Rodionova, Oksana Karasova

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NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) AS A BIOMARKER OF THE SEVERITY OF IDIOPATHIC PULMONARY FIBROSIS (IPF)
Valeriia Dmytrychenko (Dnipro, Ukraine), Viktoriya Rodionova, Anna Karasova, Mariia Chashchina

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The Role and Evaluation of the Neutrophil-to-Lymphocyte Ratio in the Differential Diagnosis of IPF and Non-IPF Interstitial Lung Diseases
Senay Yilmaz (Eskisehir, Turkey), Aysegul Sahin Kuran, Huseyin Yildirim, Fusun Alatas, Kevser Setenay Dincer Oner

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PS-18 Session 12:30 - 14:00

Poster session: Epidemiology of interstitial lung diseases, tuberculosis, COVID-19 and others

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Public health Imaging Epidemiology General respiratory patient care

Chairs : Chair to be confirmed

Incidence of interstitial lung disease subtypes in three Nordic countries
Jorunn Kirkeleit (Paradis, Norway), Lucile Sese, Svetlana Solovieva, Christine Cramer, Inge B Iversen, Karina Undem, Rachel L Hasting, Cecilie Svanes, Mimmi Leite, Damien Mcelvenny, Miguel Santibanez, Elisabeth Bendstrup, Michelle Turner, Anjoeka Pronk, Ingrid S Mehlum, Henrik A Kolstad, Vivi Schlünssen

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Interstitial lung abnormalities in elective surgical patients with hiatus hernia – a pilot retrospective study in a single center in Bulgaria
Dimitar Petrov (Ruse, Bulgaria)

Assessing Diagnostic Delays in Interstitial Lung Disease: Duration and Contributing Factors;Multicentre study catering to the population of rural India.
Deepak Muthreja (Nagpur (Maharashtra), India), Shital Patil

Interstitial Lung Disease in Māori and Pasifika peoples: Examining underrepresentation and health disparities in Aotearoa/New Zealand
James Tadjkarimi (Auckland, New Zealand), Margaret Wilsher, Adrienne Edwards, Keu Maote, Harry Gallagher, Jeremy Wrobel, Tamera Corte, Dan Jackson, Greg Gamble, Sally De Boer

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Clinico-radiologic patterns of Interstitial Lung Disease (ILD) At a Tertiary Care Centre in Mumbai, India
Sanjitha Muneeswaran (Chennai, India), Aniket Gawas, Achint Gautam, Zarir F Udwadia, Jai Mullerpattan, Radhika Banka, Santosh Gupta, Lancelot M Pinto

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Referral patterns and disease management of PF-ILD in Portugal: interim results from a national, non-interventional, multicenter study
David Jorge Araújo Barros Coelho (Braga, Portugal), Alexandra Borba, Ana Loureiro, Ana Verónica Cardoso, Carla António, Carla Nogueira, Cláudia Guerreiro, Catarina Pereira, Daniela Neves, Lígia Fernandes, Marisa Anciães, Miguel Lopes, Nelson Marçal, Pedro Gonçalo Ferreira, Rita Pinto Basto, Rita Simões, Susana Clemente, António Morais

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Epidemiology and sociodemographic characteristics of PF-ILD in Portugal: interim results from a national, non-interventional, multicenter study.
Gonçalo Moura Portugal (Almada, Portugal), Alexandra Borba, Ana Loureiro, Ana Verónica Cardoso, Carla António, Catarina Pereira, Cláudia Guerreiro, Carla Nogueira, Daniela Neves, David Barros Coelho, Lígia Fernandes, Marisa Anciães, Miguel Lopes, Nelson Marçal, Pedro Gonçalo Ferreira, Rita Simões, Susana Clemente, António Morais

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Educational inequalities in incidence and survival of idiopathic pulmonary fibrosis in Italy: a population-based cohort study
Giulia Cesaroni (Rome, Italy), Chiara Sorge, Giancosimo Mancini, Francesco Varone, Giuseppe Corbo, Nera Agabiti

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Oral Anticoagulants on Idiopathic Pulmonary Fibrosis: A Population Study
Francesca Gonnelli (Ancona, Italy), Heath Heatley, Ursie Smith, Neva Eleangovan, John Townend, Vidya Navaratnam, Tamera Corte, David Price, David Price, Victoria Carter, Martina Bonifazi, Caitlin Fermoyle, Richard Hubbard

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Incidence and prevalence of progressive pulmonary fibrosis in the United States
Yanni Fan (Ridgefield, United States), Haikun Bao, Kristy Iglay, Prethibha George, Ann Chauffe, Divya Patel, Pratik Pimple, Vinicius C. Antao, Amy L. Olson, Steven D. Nathan

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Demographic factors and with tuberculosis pretreatment loss-to-follow-up Rate: A subregional level ecological study in Indonesia
NAYAKA PAMADI (Bekasi, Indonesia), Muhammad Wardoyo, Annisa Aulia, Erlina Burhan

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Healthcare-related factors associated with tuberculosis pretreatment loss-to-follow-up rate: A subregional level ecological study in Indonesia
Muhammad Prasetio Wardoyo (KOTA JAKARTA PUSAT, Indonesia), Annisa Putri Aulia, Nayaka Nayottama Pamadi, Erlina Burhan

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Socioeconomic factors associated with tuberculosis pretreatment loss-to-follow-up rate: A subregional level ecological study in Indonesia
Annisa Putri Aulia (Jakarta, Indonesia), Nayaka Nayottama Pamadi, Muhammad Prasetio Wardoyo, Erlina Burhan

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Tuberculosis trends in the Republic of Moldova: current epidemiological context
Tatiana Osipov (Chișinău, Republic of Moldova), Alina Malic, Adriana Niguleanu, Evelina Lesnic

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Causal Effects of Genetically Proxied Lipid-Lowering Drug Targets on Respiratory Infection
Taikang Yao (beijing, China), Zhenchao Wu, Zilu Wang, Zhongyu Han, Jiajia Zheng, Beibei Liu, Yipeng Du, Rui Wu, Ming Lu, Ning Shen

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The changing trends of respiratory viruses in hospitalized children: during and after the COVID-19 pandemic
Min Jung Kim (Seoul, Republic of Korea), Joon-Sik Choi, Eun Kyung Sul, Doo Hee Shim, Hye Ran Cha, Soo Yeon Kim, Mi Na Kim, Myung Hyun Sohn, Jae Myun Lee

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Birthplace implications of COVID-19 in Utah
Daniel Knox (Murray, United States), Natalia Arizmendez, Megan Cahn, Chun-Pin Esther Chang, Zhe David Yu, Kimberley Shoaf, Sharon Talboys, Mia Hashibe

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Associations of different lung function parameters with PCS-Score severity in SARS-CoV-2-infected individuals without comorbidities
Lennart Reinke (Kiel, Germany), Anne-Kathrin Ruß, Sabrina Ballhausen, Alin Viebke, Carolin Nürnberger, Anna Horn, Stefan Störk, Peter U Heuschmann, Thomas Zoller, Thomas Keil, Martin Witzenrath, Lilian Krist, Ekaterina Heim, Sina M Hopff, J Janne Vehreschild, Wolfgang Lieb, Michael Krwaczak, Klaus F Rabe, Espen Elias Groth, Jan Heyckendorf, Stefan Schreiber, Mustafa Abdo, Thomas Bahmer

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Impact of asthma status on the risk of respiratory syncytial virus acute respiratory infection
Young J Juhn (Rochester, United States), Thanai Pongdee, Katherine King, Wendelyn Bosch, Chung-Il Wi, David Watson, Hilal Maradit Kremers, Traci Natoli, Kathy Ihrke, Steph Phoenix, Matthew Binnicker, Joseph Yao, Lisa Speiser, Randy Foss, Brandon Hidaka, Andrew Allmon, Jean-Yves Pirçon, Pouya Saeedi, Robert Pignolo, Paul Takahashi

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Global trends in pleural infection mortality
Francesca Gonnelli (Ancona, Italy), Matteo Charles Malvezzi, Martina Bonifazi, Federico Mei

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PS-19 Session 12:30 - 14:00

Poster session: Longitudinal approaches to describe respiratory diseases and assess causality

Disease(s) : Airway diseases | Pulmonary vascular diseases | Thoracic oncology | Sleep and breathing disorders

Method(s) : Epidemiology | Public health | General respiratory patient care | Pulmonary function testing

Chairs : Helena Backman (Lulea, Sweden), Chair to be confirmed

Joint trajectories of wheezing, asthma and rhinitis through childhood and adulthood: insights from the INMA and ECRHS cohorts
Marine Savouré (Barcelona, Spain), Martí De Las Heras, Sarah Koch, Simone Accordini, Hayat Bentouhami, Paula Carrasco, Lidia Casas Ruiz, Sébastien Chanoine, Angelo Corsico, Pascal Demoly, Shyamali Dharmage, Ana Esplugues, Elaine Fuertes, Thorarinn Gíslason, Francisco Gomez Real, Monica Guxens, Joachim Heinrich, Mathias Holm, Randi Jacobsen Bertelsen, Christer Janson, Debbie Jarvis, Rain Jogi, Benedicte Leynaert, Maria Llopis, Caroline Lodge, Andrei Malinovschi, Alessandro Marcon, Lars Modig, Catherine Neukirch, Dennis Nowak, Gabriela P. Peralta, Nicole Probst-Hensch, Chantal Raherison, Vivi Schlünssen, Valérie Siroux, Giulia Squillacioti, Cecilie Svanes, Martine Vrijheid, Judith Garcia-Aymerich

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Predictors of extended lung function trajectories in the ALSPAC cohort
Jack Grenville (Bristol, United Kingdom), Raquel Granell, Paul Yousefi, Rebecca C Richmond, James W Dodd

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Clinical characteristics differ already a decade prior to observed lung function trajectories in airway obstructive individuals
Ann Lindberg (Boden, Sweden), Helena Backman, Anders Lundquist, Linnea Hedman, Caroline Stridsman, Tomi Myrberg, Anders Blomberg, Jonas Eriksson Ström, Eva Rönmark

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Introducing PELICAN: A new resource for understanding lung function trajectories in survivors of preterm birth
Hannah L Moore (Perth, Australia), Thomas Halvorsen, Sanja Stanojevic, Amber Bates, Lex W Doyle, James Gibbons, Diane M Gray, Jenny Hallberg, John R Hurst, Sailesh Kotecha, Enrico Lombardi, Petra Um Bergström, Maria Vollsæter, Shannon J Simpson, . Pelican C.R.C

Characterizing concurrent trajectories of wheezing, allergic rhinitis and atopic dermatitis from 11 to 22 years in a Brazilian birth cohort
Fernando C. Wehrmeister (Pelotas (RS), Brazil), Gabriela A Marques, Valeria Lima Passos, Ana M B Menezes

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Sleep parameters according to the trajectories of wheezing, atopic dermatitis and allergic rhinitis: the Pelotas (Brazil) 1993 birth cohort
Ana Maria Baptista Menezes (Pelotas (RS), Brazil), Gabriela A Marques, Valeria Lima Passos, Fernando C Wehrmeister

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Identifying critical time windows for lung function change from childhood to adulthood
Gang Wang (Chengdu City, China), Nuria Olvera, Judith M. Vonk, Simon Kebede Merid, Natalia Hernandez-Pacheco, Inger Kull, Anna Bergström, Anne-Sophie Merritt, Maarten Van Den Berge, Hans Jacob L. Koefoed, Ulrike Gehring, Rosa Faner, Gerard H. Koppelman, Alvar Agusti, Erik Melén

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Characteristics of COPD development over 11 years in the HUNT Study
Sebastian Buchardt (Højbjerg, Denmark), Ulla Møller Weinreich, Sigrid Anna Aalberg Vikjord

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Evolving Patterns of Chronic Respiratory Diseases in Western Europe Over the Last Three Decades: A Systematic Analysis of GBD 2021
Rohan Raj (Chhapra, India), Mahendra Kumar, Fnu Suman, Neha Boski, Syeda Areeba Hussain Kazmi, Pallavi Madannagari, Parvinder Kaur

Natural History of Spirometric or Oscillometric Abnormalities in Asymptomatic adults within the general population
Chiara Veneroni (Milano (MI), Italy), Christoph Valach, Christoph Gross, Emiel F M Wouters, Raffaele Dellaca', Marie-Kathrin Breyer, Sylvia Hartl, Charles Irvin, David A Kaminsky, Pasquale P Pompilio, Robab Breyer-Kohansal

Determinants of lung function catch-up from adolescence to adulthood.
Sigrid Anna Aalberg Vikjord (Trondheim, Norway), Mia Rødde, Arnulf Langhammer, James Peter Allinson, Lowie Vanfleteren

Cachexia and outcome in hospitalized patietns with COPD: a national database analysis 2010-2019
Mitja Lainscak (Celje, Slovenia), Tina Zupanic, Daniel Omersa, Ivan Erzen, Jerneja Farkas

Healthcare consumption and care pathway of patients who died from COPD between 2017 and 2022 in France.
Laurent Guilleminault (Toulouse Cedex, France), Axel Renoux, Nadège Costa, Agnès Sommet, Michael Mounié, Margaux Lafaurie

Sex difference in wheezing and chest infections: An outcome-wide exposome approach
Robin Mzati Sinsamala (Bergen, Norway), Augusto Anguita-Ruiz, Alessandro Marcon, Xavier Basagaña, Mariona Bustamante, Maria Foraster, Mireia Gascon, Elisa Llurba, Mark J. Nieuwenhuijsen, Cecília Persavento, Ioar Rivas, María Dolores Gómez-Roig, Jordi Sunyer, Ane Johannessen, Payam Dadvand

Real-world study on causes of death in people with Chronic Obstructive Pulmonary Disease (COPD) in England
Hana Müllerová (Cambridge, United Kingdom), Nicolas Roche, Mu Cheng, Nisha C Hazra, Kirsten Gallant, Stephanie Dods, Hungta Chen, Marianne Cunnington, Chunyi Xu, Achim Wolf, Carolyn Su Ping Lam, Mona Bafadhel, Michael Pollack

Are inhaled corticosteroids protective against lung cancer in COPD patients? Results of a retrospective analysis from Hungary
Balázs Sánta (Budapest, Hungary), Gábor Tomisa, András Südi, Tamás Balázs, Noémi Eszes, Lilla Tamási

Prevalence of WHO Group 2 and 3 pulmonary hypertension in England 2005–2020: a population-based study
Ann Morgan (Market Harborough (Leicestershire), United Kingdom), Allan Lawrie, Jennifer Quint

Dynamics of the DALY indicator of the adult population with Chronic Obstructive Pulmonary Disease in the Republic of Moldova
Irina Sincarenco (Chisinau, Republic of Moldova), Anna Moscovciuc, Larisa Procopisin

Real world burden of non-cystic fibrosis bronchiectasis (NCFB) in patients with a history of exacerbation
Denise Boudreau (Seattle, United States), Alina Levine, Divya Mohan, Julie Ng, Louis Metcalf

Survival in COPD Patients Treated with Home Mechanical Ventilation: Results from the DISCOVERY Study
Christer Janson (Uppsala, Sweden), Össur Emilsson, Ludger Grote, Mirjam Ljunggren, Josefin Sundh, Magnus Ekström, Andreas Palm

PS-40 Session 12:30 - 14:00

Poster session: Working together to improve global respiratory health

Disease(s) : Airway diseases Thoracic oncology Pulmonary vascular diseases

Method(s) : Epidemiology General respiratory patient care Public health Palliative care Pulmonary rehabilitation Physiology Pulmonary function testing

Chairs : Chair to be confirmed

Global prevalence of and risk factors for preserved ratio impaired spirometry (PRISm): a systematic review and meta-analysis
Sohail Ferdous (Edinburgh, United Kingdom), wujian xu, Bo Peng, Ting Shi

Biopsychosocial determinants of frailty in chronic respiratory diseases: a cross-sectional analysis in Indians
Rohini Bhadra (Bengaluru, India), Annemie Schols, George D'Souza, Sumithra Selvam, Fathima Ayoob, Sucharita Sambashivaiah

The Pulmonary Hypertension Global Patient Survey (PH GPS): Group 2 & 3 PH
Katherine Bunclark (Cambridge (Cambridgeshire), United Kingdom), Joseph Newman, Hakim Ghani, Shiv Munagala, Gerald Fischer, Pisana Ferrari, Wendy Gin-Sing, Matt Granato, Luke Howard, Marcin Kurzyna, Gergely Meszaros, Eva Otter, Hall Skaara, Millicent Stone, Mark Toshner, Joanna Pepke-Zaba

Physical activity coaching for people with Long COVID: a pilot study
Nicola Sante Diciolla (Madrid, Spain), Alda Marques, Evelyn Alecto-Aznar, Ana Jiménez-Martín, María Torres-Lacomba, María José Yuste-Sánchez

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External exposome and incident asthma across the life course in 14 European cohorts: the EXPANSE project
Zhebin Yu (solna, Sweden), Sara Kress, Natalia Blay, Petr Gregor, Hanna-Maria Kukk, Renata Majewska, Max J. Oosterwegel, Daniel Szabo, Margreet Ten Have, Janna Klánová, Miriam Leskien, Ondřej Mikeš, Anna Bergström, Alonso Bussalleu, Rafael De Cid, Andrea Daleck, Payam Dadvand, Saskia Van Dorsselaer, Kees De Hoogh, Gerard H. Koppelman, Jaanika Kronberg, Krista Fischer, Jeroen Lakerveld, Petter Ljungman, Simon Kebede Merid, Pawel Macek, Marta Manczuk, Anne-Sophie Merritt, Agnieszka Pac, Priit Palta, Göran Pershagen, Hynek Pikhart, Apolline Saucy, Tamara Schikowski, Youchen Shen, Marie Standl, Cathryn Tonne, Roel Vermeulen, Jelle Vlaanderen, Annette Peters, Judith M.Vonk, Kathrin Wolf, Carl Henrik Ek, Olena Gruzieva, Ulrike Gehring, Erik Melén

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Respiratory health impacts of Indoor Environmental Quality, a scoping review
Jet Opbroek (Barcelona, Spain), Sarah Koch, Judith Garcia-Aymerich, Alan Dominguez, Alicia Josa Cullure, Mariona Font, Lidia Murillo, Theresa Pahrmann, Gabriela Peralta, Natalie Mueller

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Assessing the quality of lung cancer screening guidelines: a systematic review and critical appraisal
Torsten Gerriet Blum (Berlin, Germany), Emily Senerth, Bhavya Abbi, Amyn Bhamani, Joana Catarata, Isabella Francesconi, Andres Mauricio Garcia Sierra, Georgia Hardavella, Miles Harder, Joanna Moes-Sosnowska, Sindhu Bhaarrati Naidu, Tejanth Sai Pasumarthi, Neha Tangri, Ilona Tietzova, Thorben Witte, Rebecca Morgan

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From aspiration to reality: Implementing lung cancer screening in Europe
Charlotte Poon (, United Kingdom), Alejandra Martinez Zamora, Tim Wilsdon, Michael Hartevelt, Arnaud Papin

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A systematic review and meta-analysis of palliative care interventions in lung cancer
Annie Walker (Adelaide, Australia), Donald Sullivan, Anne Holland, Phan Nguyen, Sarah Yeo, Amy Pascoe, Lorena Romero, Natasha Smallwood

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The Effect Of Long-Term E-Cigarette Use On Inflammation Marker (Fractional Exhaled Nitric Oxide (Feno)): A Systematic Review and Meta-Analysis
Mohammed Almeshari (Birmingham, United Kingdom), Alhanouf Almutairi, Afaf Alrashdi, Salma Kaabi, Lujain Alfaiz, Rimas Almalki

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Health risks of secondhand exposure to alternative tobacco products
Pedro Khouri (São Paulo, Brazil), Berrak Yildiz, Leyla Yashaeva, Melissa Montoya, Yulia Rosenfeld, Fernanda Gushken, Thiago Marques Fidalgo, Fernando Pereir Bruno, Luiza Helena Degani-Costa

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Tobacco Point Of Sales Shadow Report: Changing Situation in Turkiye Between 2014-2024
Elif Dagli (Istanbul, Turkey), Ummuhan Pece Sonmez, Osman Elbek, Tanzer Gezer, Pinar Ay, Fusun Yildiz, Murat Guner

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Country-Specific Differences in Age of Smoking Initiation Among COPD Patients in the European Mobilise-D study
Parris Williams (London, United Kingdom), Alexis Perkins, Sara Buttery, Keir Philip, Micheal Polkey, Laura Delgado, Joren . Buekers, Sarah Koch, Dimitrios Megaritis, Nikolaos Chynkiamis, Heleen Demeyer, Anja Frei, Henrik Watz, Ioannis Vogiatzis, Judith Garcia, Thierry Troosters, Nicholas Hopkinson

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Improving Pneumococcal Vaccination Coverage in Adults: Results from international case studies
Zachary Desson (Brussels, Belgium), Rebecca Papp

The impact of group based asthma education programmes on unscheduled healthcare utilisation: A systematic review.
Johanna O'Callaghan (Swords (County Dublin), Ireland)

Understanding views and experiences of people living with chronic respiratory disease: An adapted photovoice study from rural India
BISWAJIT PAUL (Vellore, India), Sangeetha Ratnam, Sharon Jose, Rakesh Kumar, Ruby R, Hilary Pinnock, Hani Syahida Salim

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Between-country variability in prognostic properties of exacerbation history in COPD
Mohsen Sadatsafavi (Vancouver (BC), Canada), Pierre-Régis Burgel, Christer Janson, Don Sin, Hana Mullerova, Surya Bhatt, Helen Reddel, Alberto Papi, Tae Yoon Lee

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Cross-cultural and linguistic validation of a tool to help patients with COPD recognize the onset of an exacerbation
Tharishini Mohan (Kuala Lumpur, Malaysia), Stephen G. Noorduyn, Megan Turner, Ana Popielnicki, Jing Claussen, Mohamed Hamouda, Mandeep Moore, Tao Ye, Paul W. Jones

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Antimicrobial resistance in chronic respiratory diseases: an AMR-Lung – ELF global patient survey
Efthymia Papadopoulou (Thessaloniki, Greece), Dominic L. Sykes, Pieter Goeminne, Ana Machado, Dareen Marghlani, Lisa Mcneil, Joyce Norwell, Cátia Paixão, Amelia Shoemark, Jeanette Boyd, Miquel Ekkelenkamp, Stephanie Thee, Anand Shah

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Reconsidering time horizons for carbon footprint calculations on the brink of climate tipping points: Inhalers as a case study
Alexander Wilkinson (Hertfordshire, United Kingdom), Shelie Miller, Ashley Woodcock

PS-6 Session 12:30 - 14:00

Poster session: Lung physiology in interstitial lung disease

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology | Pulmonary vascular diseases

Method(s) : Imaging | Physiology | Pulmonary function testing | Pulmonary rehabilitation | General respiratory patient care | Public health

Chairs : Giovanni Cenerini (Livorno, Italy), Peter George (London, United Kingdom)

Transfer factor for carbon monoxide (TLCO) and Krogh factor (KCO) in kyphoscoliosis and interstitial lung disease (ILD)
Eric Derom (Ghent, Belgium), Léo Malice, Robin Willems, Sven Verschraegen, Geert Van Pottelberge

Resting lung volumes in mild to severe fibrosing ILD: implications for dyspnoea and exercise tolerance
Alessandro Porcella (roma, Italy), Guilherme Back, Abed Hijleh, Danilo Berton, Igor Neder-Serafini, Reggie Morris Smyth, Mathieu Marillier, Matthew James, Sandra Vincent, Nicolle Domnik, Audrey Borghi-Silva, Onofre Moran-Mendoza, Paolo Palange, Denis O'Donnell, J. Alberto Neder

Supranormal peak flow in ILD
William Shotton (Cambridge, United Kingdom), Benjamin Knox-Brown, Karl Sylvester

Mediating role of interstitial lung abnormalities in the association between MUC5B genotype and exercise physiology
Yashar Ebadi (Montreal, Canada), Miranda Kirby, Dennis Jensen, Dany Doiron, Wan Tan, Jean Bourbeau, Benjamin Smith, Deborah Assayag

Unraveling the effects of nasal high-flow O2 therapy on exercise tolerance and dyspnea in fibrotic interstitial lung disease
Sarah Thivent (Montboucher sur Jabron, France), Marylise Ginoux, Samuel Verges, Frédéric Hérengt, Mathieu Marillier

Cardiopulmonary exercise testing (CEPT) sheds light on interstitial lung disease (ILD) - a decade of insights
Carolina Mariana Da Silva Alves (Caparica, Portugal), Susana Clemente, Liliana Gomes, Jorge Rosa, Sílvia Rodrigues, Filipa Todo Bom

Association Between the Cross-Sectional Area of Erector Spinae Muscles and the Development of Lung Cancer in Patients With Combined Pulmonary Fibrosis and Emphysema
Tatsuhiro Furuyama (nara, Japan), Kazuya Tanimura, Kazuki Ota, Ichiro Sato, Shin Furutaka, Nobuhiro Fujioka, Yukio Fujita, Yoshifumi Yamamoto, Shigeto Hontsu, Toshihiro Ito, Shigeo Muro

A novel Forced Oscillation Technique parameter, arctan(X5/R5), as an independent prognostic index in interstitial pneumonia
Shin Furutaka (Kashihara, Nara, Japan), Kazuya Tanimura, Kazuki Ota, Tatsuhiro Furuyama, Ichiro Sato, Aya Yamada, Ryosuke Taiji, Yukio Fujita, Yoshsfumi Yamamoto, Sigeto Hontsu, Motoo Yamauchi, Shigeo Muro

Oxygen supplementation reduces arterial stiffness at rest and during exercise in patients with idiopathic pulmonary fibrosis
Konstantina Dipla (Serres, Greece), Afroditi Boutou, Spyridon Kaitalidis, Aikaterini Markopoulou, Athanassios Zacharias, Christina Rampiadou, Stavros Papadopoulos, Stella Kritikou, Georgia Kounti, Diamantis Chloros, Ioannis Stanopoulos, Andreas Zafeiridis, Georgia Pitsiou

Early detection of small airway disease in rheumatoid arthritis
Thông Hua-Huy (Paris, France), Hà Pham-Ngoc, Stéphane Hilliquin, Frédérique Aubourg, Nhat-Nam Le-Dong, Sven Günther, Nicolas Roche, Jérôme Avouac, Yannick Allanore, Anh Tuan Dinh-Xuan

Prognostic significance of KCO impairment in patients with fibrosing ILD
Artur Zanelatto Santos (Porto Alegre, RS, Brazil), Franciele Plachi, Alice Scussel, Nathalia Galvagni Rodrigues, Amanda Calage Pinto, Fernanda Oliveira Baptista Da Silva, Frances Kopplin Crespo, Marcelo Basso Gazzana, Danilo Cortozi Berton

Understanding exertional dyspnea and exercise intolerance in patients with early limited cutaneous systemic sclerosis
Andrew D'Souza (Edmonton, Canada), Kostiantyn Dmytriiev, Andrew Brotto, Desi Fuhr, Desiree Redmond, Sean Van Diepen, Jason Weatherald, Mohammed Osman, Michael Stickland

Optimisation of pulmonary function tests prior to stem cell transplant
Luke Hone (London, United Kingdom), William Ricketts

Functional exercise capacity in patients with pulmonary arterial hypertension: a retrospective study
Fernanda Lima (Ribeirão Preto, Brazil), Jéssica Perossi, Dayane Bazan, Thales Furquim, Janne Marques Silveira, Daniele Oliveira Dos Santos, Elaine Caetano Silva, Ada Clarice Gastaldi

Exertional oxygen consumption ability reflects ventilatory efficiency and is a prognostic factor in idiopathic pulmonary fibrosis
Keisuke Miki (Toyonaka, Japan), Ryosuke Nishijima, Yuka Nagata, Yuki Hara, Yasuhiro Mihashi, Takuro Nii, Takanori Matsuki, Kazuyuki Tsujino, Hiroshi Kida

PS-31 Session 12:30 - 14:00

Poster session: Clinical and diagnostic advances in mediastinal and pleural malignancies

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Surgery General respiratory patient care Imaging Endoscopy and interventional pulmonology Cell and molecular biology Physiology

Chairs : Kevin Blyth (Glasgow (Glasgow), United Kingdom), Sotirios Sinis (Larissa, Greece)

Five years' experience of using Single Port Rigid Thoracoscopy in patients of undiagnosed exudative Pleural effusion at a tertiary centre in north India
Hemant Kumar (Lucknow, India), Ved Prakash, Mohammad Arif, Ajay Kumar Verma

Inflammatory markers and pleurodesis efficacy in Malignant Pleural Mesothelioma: A Cohort Study
Alessandra Lenzini (Pisa, Italy), Maria Giovanna Mastromarino, Gianmarco Elia, Diana Bacchin, Vittorio Aprile, Roberto Morganti, Stylianos Korasidis, Marcello Carlo Ambrogi, Marco Lucchi

Diagnosis of Malignant Pleural Effusion Using the Cancer Ratio
Alice Barbosa Carneiro de Araujo Pinho (São Paulo, Brazil), Milena Marques Oagliarelli Acencio, João Ricardo Signoretti Alexandre, Carlos Sergio Rocha Silva, Karina Rocha Pereira, João Luis Reis Freitas, Enrico Fortunato, Lisete Ribeiro Teixeira, Roberta Karla Sales

The limitations of CT in excluding pleural malignancy: Insights from LAT (local anesthsia Thoracoscopy) and histology findings
Muhamamd Zubair Nasim (Nottingham, United Kingdom), Rimsha Saleem, Syed Naveed Ali Shah

The Role of the Ratio to Pleural Effusion Level in the Differential Diagnosis of Pleural Effusion
Umut Ilhan (İstanbul, Turkey), Zeynep Güney, Ayşe Özçelik, Erdoğan Çetinkaya, Mustafa Çörtük

A retrospective study of IPC complications
Alexander Wilson (Stockton-on-Tees, United Kingdom), Kevin Conroy, Minahil Mujahid, Mohammed El-Bashir, Ben Prudon

Predictors of malignancy as a cause of pleural effusion
Ali Abdelaziz (Minia, Egypt), Rasha Abdelfattah, Rofida Hassan, Hager Yehia, Nada Abdelaziz, Elham Abdelgahny, Fatma Mohamed, Ali Hassan

^{18}F-FDG PET-CT and Masaoka-Koga (MK) staging: Novel insights into predicting thymic carcinoma, thymoma recurrence, and tumour grade
Zaw Tun Aung (Macclesfield, United Kingdom), Sameera Gamlath, Abdurrahmaan Manga, Syed Rizvi, Nawazish Karim, Syed Mohammad, Elizabeth Stannard, Cathy Richards, Elizabeth Webb, Veeresh Patil, Jonathan Bennett, Rajini Sudhir, Sanjay Agrawal, Yiewfah Fong, Apostolos Nakas, Muhammad Majid

INTRATHORACIC GOITER: A 20-YEAR SINGLE-CENTER EXPERIENCE
amina abdelkbir (ben arous, Tunisia), Wassim Chaieb, Ali Ben Salem, Mehdi Abdennadher, Imen Bouassida, Ines Moussa, Nizar Fitouhi, Hazem Zribi, Adel Marghli

Surgical outcomes in mediastinal teratoma
amina abdelkbir (ben arous, Tunisia), Siwar Hamdi, Hazem Zribi, Imen Bouassida, Mahdi Abdennadher, Hanen Smadhi, Nizar Fitouhi, Sarra Zairi, Adel Marghli

Point-of-care thoracoscopic biopsy diagnosis
Sylvia Spies (Amsterdam, Netherlands), Akari Win Thu, Alexandrea Macpherson, Laura M. G. Van Huizen, Teodora Radonic, Peter I. Bonta, Johannes M. A. Daniels, Kevin G. Blyth, Jouke T. Annema, Marie Louise Groot

Pleural Solitary Fibrous Tumours: A review of 10 years experience at University Hospital North Midlands NHS Trust
Qasim Gohir (Stoke On Trent, United Kingdom), Hifza Habib, Muhammad Ganaie

Cytoreductive surgery and hyperthermic intrathoracic chemotherapy for pleural metastases
Amro Hajja (Riyadh, Saudi Arabia), Miral Atout, Rasoul Turko, Haadi Syed, Hassan Robaidi, Waleed Saleh, Khaled Alkattan, Marcello Migliore

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Surgical Management and Outcomes of 159 Mediastinal Tumor Cases: A Comprehensive Analysis
Zied Chaari (Sfax, Tunisia), Jaweher Kammoun, Aymen Ben Ayed, Hanen Bouattour, Hela Alimi, Abdessalem Hentati, Imed Frikha

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Good syndrome in thymoma: A critical threat to survival and the need for early diagnosis and proactive management
Zaw Tun Aung (Macclesfield, United Kingdom), Abdurrahmaan Manga, Sameera Gamlath, Nawazish Karim, Syed Mohammad, Elizabeth Stannard, Cathy Richards, Elizabeth Webb, Veeresh Patil, Sanjay Agrawal, Apostolos Nakas, Muhammad Majid, Jonathan Bennett, Rajini Sudhir

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Tumour histological subtypes in prognostic implications in cancer recurrence after post surgery: a retrospective study
Pooja Radia (London, United Kingdom), Jayeeta Duta, Moin Mujeeb, Alison Mcmillan, Thida Win

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The implications of pleural invasion and resection margin on cancer recurrence
Pooja Radia (London, United Kingdom), Jayeeta Duta, Moin Mujeeb, Alison Mcmillan, Thida Win

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PS-26 Session 12:30 - 14:00

Poster session: Clinical impact and immunisation strategies in viral respiratory infections

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Public health Cell and molecular biology General respiratory patient care

Chairs : Chair to be confirmed

Influenza, Pneumococcal, COVID-19 Vaccine Coverage and Hesitancy in Chinese Older Adults from September 2022 to November 2022: A Nationwide Cross-sectional Study
Dong Liu (Beijing, China), Yushi Zhang, Jieping Lei, Yaodie Peng, Ke Huang, Yaoda Hu, Liwen Fang, Luzhao Feng, Guangliang Shan, Min Wang, Yuanyuan Ding, Ting Yang, Qian Gao

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Respiratory Syncytial Virus (RSV) related adult-at-risk population for hospitalisation in the era of new vaccines
Tanvi Sinha (, United Kingdom), Induni Ginige, Koottalai Srinivasan, Harmesh Moudgil

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Understanding parental hesitancy about childhood flu vaccination: a qualitative study applying the Necessity Concerns Framework
Vivian Auyeung (London, United Kingdom), Zoe Moon, Chloe Grimmett, Rob Horne

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Vaccination recommendations in adults with chronic respiratory diseases
Susanne M. Huijts (Utrecht, Netherlands), Sajad Emamipour, Bart Slob, Rutger Haandrikman, Joris Ten Holder, Huib Kerstjens, Simon Van Der Pol

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Epidemiology, clinical course and complications of RSV infection in older adults in the outpatient sector in Germany
Christopher Alexander Hinze (Hannover, Germany), Grit Barten-Neiner, Frank Eberhardt, Laura Grebe, Rachel Reeves, Pavo Marijic, Manuela Stierl, Alen Marijam, Paul Schmidt, Marcus Panning, Roland Diel, Gernot Rohde

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Mortality for COPD patients after influenza A and RSV infection: a territory-wide retrospective analysis
Ka Pang Chan (Hong Kong, Hong Kong), Timothy Chi Chun Ng, Grace Lai Hung Wong, Stephanie Wing Tone Ho, Charlotte Ho Ying Lau, Christopher Chan, Joyce Ka Ching Ng, Rachel Lai Ping Lo, Wing Ho Yip, Jenny Chun Li Ngai, Kin Wang To, Fanny Wai San Ko, Terry Cheuk Fung Yip, David Shu Cheong Hui

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All-cause mortality associated with respiratory syncytial virus (RSV) infection compared to influenza infection in adults: Is infection with RSV riskier than influenza?
Harriet Dickinson (Uxbridge, United Kingdom), Paul Mcdwyer, Wenyi Wang, Rikisha Gupta, Anand Chokkalingam

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Primary care RSV disease characteristics in infants and young children in Germany, data from the prospective PAPI surveillance network, 2021-2023
Martin Wetzke (Hannover, Germany), Clemens Behrens, Thomas Buck, Andrea Gerber, Martin Rosewich, Jan-Helge Höpner, Christine Happle, Alexaner Kiefer

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Characteristics of patients hospitalized with respiratory syncytial virus (RSV) in a Swiss public teaching hospital
Neetha Joseph (, Switzerland), Elisa Bally-Von Passavant, Giorgia Lüthi-Corridori, Fabienne Jaun, Sandra Mitrovic, Jörg D. Leuppi, Maria Boesing

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Clinical course and disease burden of RSV-infected hospitalized adults in Germany
Christopher Alexander Hinze (Hannover, Germany), Grit Barten-Neiner, Frank Eberhardt, Natalia Strauch, Rachel Reeves, Pavo Marijic, Manuela Stierl, Elisa Turriani, Alen Marijam, Paul Schmidt, Marcus Panning, Roland Diel, Gernot Rohde

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Burden of Respiratory Syncytial Virus (RSV) across age groups in Switzerland: Data from the Federal Statistical Office
Maria Boesing (Liestal, Switzerland), Elisa Bally-Von Passavant, Neetha Joseph, Giorgia Lüthi-Corridori, Fabienne Jaun, Jörg D. Leuppi

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RSV infection outcomes in high-risk patients: A two year retrospective study
Georgios-Ioannis Poupouzas (Athens, Greece), Nikolaos Athanasiou, Theoxaris Georgiadis, Elena Kraniotaki, Kiriaki Ranellou, Athina Argiropoulou, Zoi Psaroudaki, Athina Kallimani, Andriana Zouridaki, Stamatios Tsipilis, Georgia Athanasopoulou, Ioanna Sigala, Andreas Asimakos, Ioanna Dimopoulou, Paraskevi Katsaounou

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Hospitalizations for viral lower respiratory tract disease (LRTD) in France: national study on an epidemic season based on PMSI data (BIRD-IC study)
Nicolas De Prost (Créteil, France), Yvanie Caillée, Marie Lachâtre, Slim Fourati, Ophélie Rouxel, Caroline Fabry-Vendrand, Nicolas Capit, Laureen Majed, Cécile Artaud, Delphine Leynaud, Clélia Bignon-Favary, Sophie Larrieu, Claire Marant-Micallef, Liem Binh Luong Nguyen

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A systematic literature review of rhinovirus infection in adults with asthma
Courtney Maierhofer (Collegeville, United States), Shirin Aliabadi, Alberto Papi, William Busse, Tom Wilkinson, Anuja Pandey, Catherine Rolland, Isabelle Boucot, Claire Feeney, Angie Gress, Agne Zarankaite, Jadwiga Wedzicha

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Predictors for detection of respiratory viruses in adults hospitalised with acute respiratory infection (ARI)
Tommaso Morelli (Southampton, United Kingdom), Martha Purcell, Ahmed Mohammed, Anna Freeman, Tom Wilkinson

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Study on factors associated with prolonged viral shedding among inpatients with influenza A treated with oseltamivir
Yajuan Chen (Chongqing (Chongqing), China), Yuchen Fan

An evaluation of COPD and asthma-indicated medical visits after Respiratory Syncytial Virus infection
Harriet Dickinson (Uxbridge, United Kingdom), Paul Mcdwyer, Wenyi Wang, Rikisha Gupta, Anand Chokkalingam

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Effects of baloxavir marboxil plus neuraminidase inhibitor versus neuraminidase inhibitor in high-risk patients hospitalized with severe influenza: a post hoc analysis of the Flagstone trial
Yeming Wang (Beijing, China), Mengwei Yan, Xiaoying Gu, Bin Cao

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Viral etiologies of respiratory infections in the post-COVID-19 pandemic era
Ali ZEROUKI (Algiers, Algeria), Nadjet Aggoune, Anya Amrane, Samar Akbi, Doria Bensersa, Noumeira Benarfa, Hamza Sebahi

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PS-39 Session 12:30 - 14:00

Poster session: Computed tomography biomarkers, machine learning and functional imaging in chronic lung disorders

Disease(s) : Thoracic oncology | Respiratory critical care | Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases

Method(s) : Imaging | Pulmonary function testing | Public health | Cell and molecular biology | Surgery | Endoscopy and interventional pulmonology

Chairs : Sara Piciucchi (Forlì, Italy), Chair to be confirmed

ECG Synchronized Cardiac CT in the Evaluation of Pulmonary Hypertension and Chamber Size and Function
Johad Khoury (Brnaford, United States), Ibrahim Naoum, Yuval Shachaf, Magdi Qadah, Ronin Yaffi, Yochai Adir

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AI-driven Mediastinal Lymph Node Segmentation and Automatic Reporting in Chest CT
Shweta Tyagi (Bengaluru, India), Mohammed Moosa Jabeer, Jitender Singh, Anuj Chandalia

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Convolutional neural networks in lung malignancy prediction
Aleksandar Ivkovic (Niš, Republic of Serbia), Ivana Svilarov, Stevan Ivkovic, Dusan Ivkovic

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AI-based rib fracture detection and reporting in chest CT scans
Mohammed Jabeer (, India), Shweta Tyagi, Jitender Singh, Anuj Chandalia

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Development of a radiomics-based risk stratification for lymph node metastasis in clinical stage I lung adenocarcinoma: A multicenter study
Wangjia Li (Chongqing, China), Qi Li, Lingqi Gao, Tingting Tan, Yi Chen, Fajin Lv, Yuan Li

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Impact of Post-COVID-19 Pulmonary Sequelae on Radiopharmaceutical Pulmonary Activity
Harrison Euller (Olinda, Brazil), Jose Carlos Nóbrega Júnior, Simone Soares Brandão, James Fink, Daiara Xavier, Roberta Torres, Arzu Ari, Caio Morais, Shirley Campos, Daniella Brandão, Armèle Dornelas De Andrade

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Convolutional neural networks and prediction of viral pneumonia complications
Aleksandar Ivkovic (Niš, Republic of Serbia), Ivana Svilarov, Stevan Ivkovic, Dusan Ivkovic

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Development of a radiomics-based invasive risk stratification for clinical stage I lung adenocarcinoma: a multicenter study
Lingqi Gao (Chongqing, China), Wangjia Li, Qi Li, Tingting Tan, Yi Chen, Fajin Lv, Yuan Li

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Accurate prediction of Pulmonary Arterial Hemodynamics from chest X-rays in Pulmonary Hypertension Using Deep Learning Model
Xiangnan Li (Beijing, China), Yanru Liang, Li Chen, Diwei Shi, Mingming Deng, Bin Lu, He Tian, Qixian Zeng, Gang Hou, Xiaoming Zhou

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Can CT differentiate between cardiogenic and non-cardiogenic pleural effusions?
Amerikos Argyriou (Bristol, United Kingdom), Aaron Morjaria, Anthony Edey, Nicholas Maskell, Steven Walker

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Non-Invasive Imaging Methods and Inflammatory Markers in Early Stage Tracheal Stenosis in Rabbits
Heitor Correa da Silva (São Paulo, Brazil), Giovana Rossi Do Carmo, Helio Minamoto, Claudia Schweiger, Benoit Bibas, Elaine Rufo Tavares, Milena Marques Pagliarelli Acencio, Aristides Tadeu Correia, Natalia Aparecida Nepomuceno, Liliane Moreira Ruiz, Henrique Takachi Moriya, Paulo Manuel Pego-Fernandes, Paulo Francisco Guerreiro Cardoso

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Cardiopulmonary exercise testing correlates with quantitative SPECT/CT uptake in transthyretin amyloid cardiomyopathy
Nikita Ermolaev (Vienna, Austria), René Rettl, Christina Kronberger, Robin Willixhofer, Michael Poledniczek, Franz Duca, Christina Binder, Andreas Kammerlander, Johannes Kastner, Jutta Bergler-Klein, Rafaella Calabretta, Roza Badr Eslam

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Improving Doctor Awareness of CTPA, VQ and VQ SPECT Imaging in diagnosis of Pulmonary Embolism
Pawel Sokal (Birmingham, United Kingdom), Varun Kumar, Lavesh Mirpuri, Graciaa Singhal, Mainul Huda, Rachel Rajadurai, Sayed Alderazi

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Correlation between endoscopic and radiological findings in tracheal stenoses
Sarra Maazaoui (Ben Arous, Tunisia), mohamed karim darragi, Amani Touil, Mariem Chaabane, Tasnim Znegui, Sonia Hbibech, Hajer Racil, Nawel Chaouch

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A rare cause of hoarseness: Ortner Syndrome
Serap Argun Baris (Kocaeli, Turkey), Tugba Onyilmaz, Sevil Aydogan Dis, Sevtap Dogan, Ilknur Basyigit

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Optimizing Chest X-Ray Workflows: The Role of AI as a Support Tool
Daniel Togher (Leicester, United Kingdom)

Functional ventilation mapping from 1H 3D UTE MRI in unsedated, free-breathing neonates & healthy adults
Amy Simmons (Sheffield, United Kingdom), Laura Saunders, Jonathan Smith, Robert Morton, Porus Bustani, Jim Wild, Neil Stewart

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Clinical features, surgical management, and long-term prognosis of chest wall tumors
amina abdelkbir (ben arous, Tunisia), Siwar Hamdi, Hazem Zribi, Mahdi Abdennadher, Hanen Smadhi, Nizar Fitouhi, Sarra Zairi, Adel Marghli

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Radiological determinants of overall survival in a Turkish cohort of patients with hypersensitivity pneumonitis
Daryl Cheng (London, United Kingdom), Alper Ezircan, Nesrin Mogulkoc-Bishop, Robert Chapman, Gabrielle Baxter, Recep Savaş, Ryoko Egashira, Daisuke Yamada, Joseph Jacob

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Clinical role of Low-Field MRI (0.55 T) in Comparison with Photon counting CT in interstitial lung disease patients
Ádám Domonkos Tárnoki (Budapest, Hungary), Gergely Szabó, Bálint Török, István Szabó, Bence Kapuvári, Christof Karmonik, Anikó Bohács, Krisztina Vincze, Noémi Eszes, Alexandra Nagy, Pál Maurovich-Horvát, Veronika Müller, Zoltán Takácsi-Nagy, Dávid László Tárnoki

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PS-15 Session 12:30 - 14:00

Poster session: Advances in diagnostic tests in chronic respiratory diseases

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing Epidemiology Physiology Public health

Chairs : Chloe Bloom (London, United Kingdom), Andrei Malinovschi (Uppsala, Sweden)

Bronchodilation Test in Preserved Ratio Impaired Spirometry in Relation to Mortality
Andreas Hoheisel (Freiburg, Germany), Ellen Metcalfe, Leticia Grize, Eleni Papakonstantinou, Anna Salina, Björn C Frye, Sebastian Fähndrich, Daiana Stolz

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The Lift study on diagnostic approaches for asthma patients with FEV1 ≥ 70% predicted
Min Zhang (Shanghai, China), Wuping Bao, Yun Liu, Wen Hua, Yi Jiang, Fengfeng Han, Limin Zhao, Chun Chang, Huahao Shen

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Respiratory Mechanics of preserved ratio impaired spirometry (PRISm): data from the LEAD study
Tobias Lorenz Mraz (Wien, Austria), Charmaine J. M. Lim, Charles G. Irvin, David A. Kaminsky, Sylvia Hartl, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal

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Physiological and clinical characterization of subjects with new PRISm: data from the LEAD study
Tobias Lorenz Mraz (Wien, Austria), Charmaine J. M. Lim, Charles G. Irvin, David A. Kaminsky, Sylvia Hartl, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal

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Development of Clinical COPD from Pre-COPD
Shoaib Afzal (Herlev, Denmark), Surya P. Bhatt, Greg Kinney, Richard Casaburi, Børge G. Nordestgaard, Peter Lange, Yunus Çolak

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COPD in Low- and Middle-Income Countries Assessment: Testing the Discriminative Accuracy and Reliability of a case-finding tool in Brazil.
Nathany Souza Schafauser-Segundo (Sao Paulo, Brazil), Naiara Tais Leonardi, Erika Zavaglia Kabbach, Maria Fátima Duarte Marinho, João Victor Rolim Souza, Marcela Maria Carvalho Silva, Daniela Gonçalves Ohara, Viviane Castello-Simões, John R Hurst, Renata Gonçalves Mendes

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The relationship between changes in ventilation heterogeneity and bronchodilator response in COPD patients
Lisa Milani (Garbagnate Milanese, Italy), Dejan Radovanovic, Augusta Beech, James Dean, Matteo Pecchiari, Camilla Zilianti, Pierachille Santus, Dave Singh

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IMPACT OF NEW POSITIVE BRONCHODILATOR TEST CRITERIA
Laura Cortezon (Bilbao, Spain), Teresa Bretos, Carlos Caldera, Leire San Juan, Imanol Gonzalez, Larraitz Garcia, Eva Tabernero, Patricia Sobradillo, Ana Gomez, Silvia Perez, Nuria Marina

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What percentage of smokers develop persistent airflow limitation? Can the threshold smoking duration for significant risk be estimated?
Tetsuo Kimura (Saku, Japan)

Diagnostic classification of COPD using capnography-based machine learning models
Rui Hen Lim (Cambridge, United Kingdom), Lauren G Reinders, Judit Axmann, Wei Tew Gaik, Leeran Talker, Gabriel Lambert, Alexander Mackay, Divya Mohan, Veit J Erpenbeck, Jonas Dorn, Ameera X Patel, Sami O Simons

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Machine Learning for Early Diagnosis and Prognostic Prediction in Chronic Obstructive Pulmonary Disease (COPD)
Husna Irfan Thalib (Jeddah, Saudi Arabia), Sariya Khan, Ayesha Jamal, Nadeem Ikram Ikram

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Machine learning for early detection of airflow obstruction in a general population: data from the Austrian LEAD Study
Ahmad Karimi (Wien, Austria), Mohammad Azizzadeh, Hazim Abozid, Sylvia Hartl, Marie-Kathrin Breyer, Emiel F.M. Wouters, Robab Breyer-Kohansal

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From NICU to COPD: Early indicators of reduced adult lung function after preterm birth
James Gibbons (Perth, Australia), Andrew Wilson, Shannon Simpson

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Expiratory time constant and demographic predictors in patients with normal spirometry
Filip Depta (Košice, Slovakia), Pavol Pobeha, Simona Bodnárová, Katarína Šurinová, Ivana Paraničová, Erika Lombartová, Eva Sokolová, Dušan Rybár

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The effect of adiposity markers and lung volumes on FeNO: the LEAD study.
Charmaine J. M. Lim (Vienna, Austria), Oliver Helk, Emiel. F. M. Wouters, Sylvia Hartl, Marie-Kathrin Breyer, Robab Breyer-Kohansal

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Bronchodilation test by bodyplethysmography in COPD and asthma patients in relation to mortality
Ellen Metcalfe (Lörrach, Germany), Andreas Hoheisel, Leticia Grize, Anna Salina, Eleni Papakonstantinou, Sebastian Fähndrich, Daiana Stolz

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Retrospective cohort study, the prevalence and trajectory of Thai population with Preserved Ratio Impaired Spirometry (PRISm)
Thitapa Luepiyapanich (Bangkok, Thailand), Nitipatana Chierakul, Wanchai Dejsomritrutai

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Meta-analysis of exhaled nitric oxide (FeNO) with or without blood eosinophils for asthma diagnosis in adults
Marc-Andre Roy (Sherbrooke, Canada), Morgane Gronnier, Manisha Ramphul, Samuel Lemaire-Paquette, Pip Divall, Jianghua Li, Yong He, Florence Schleich, Gilles Louis, Mare Sabbe, Jose Luis Lopez-Campos, Auxiliadora Romero-Falcon, Belen Munoz-Sanchez, Francisco Javier Alvarez-Gutierrez, Javier Mallol, Vibeck Backer, Asger Sverrild, Louise Lindhardt Tonnesen, Marina Lluncor Salazar, Krysztof Kowal, Antonius Schneider, Francine Ducharme, Andreanne Coté, Erol Gaillard, Simon Couillard

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Fractional Excretion of Nitric Oxide as a Predictor of Airway Hyperresponsiveness and Asthma
Daniel LaMorte (San Diego, United States), Sebastien Fontanges, Nicholas Rohrhoff

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Refining Serum Alpha-1 Antitrypsin Cut-Off Points for AAT Deficiency Diagnosis: Impact of CRP Adjustment
BELEN Muñoz Sánchez (Sevilla, Spain), Alba Fernández-Boza, Esther Quintana-Gallego, Juan Manuel Muñoz-Pichardo, Jose Luis Lopez-Campos

PS-36 Session 12:30 - 14:00

Poster session: Pulmonary hypertension associated with interstitial lung disease: screening, clinical features treatment approach and prognosis

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases

Method(s) : Imaging | General respiratory patient care | Epidemiology | Pulmonary function testing | Physiology | Transplantation

Chairs : Cheng-Yu Wu (Giessen, Germany), Chair to be confirmed

Pulmonary hypertension (PH) in interstitial lung disease (ILD) patients -is it just Group 3 PH?
Saniya Rizwan (Manchester, United Kingdom), Jonathon Shaw, Trishala Raj, Harshana Bandara, Pilar Rivera Ortega

Relationship between the functional capacity and gas exchange in patiens with ILD and pulmonary hypertension: comparison between the 6-minute walk test and the 1-minute sit-to-stand test.
Ana Paola Hernández Cristancho (Barcelona, Spain), Pamela Kette Aguilera, Rodrigo Torres Castro, Xavier Alsina Restoy, Nancy Pérez Rodas, Fernanda Hernández González, Lurdes Planas Cerezales, Isabel Blanco Vich, Elena Gimeno Santos, Jacobo Sellarés Torres

Non-invasive Screening Tools for early detection of Pulmonary Hypertension in Interstitial Lung Diseases
Giuseppe Paciocco (Monza (MI), Italy), Silvia Ghezzi, Umberto Zanini, Alice Biffi, Andrea Lombi, Giovanni Franco, Riccardo Ripamonti, Paola Alfieri, Davide Pandolfino, Chiara Milano, Alberto Aloi, Stefano Novati, Fabrizio Luppi

Prognostic and risk stratification value of DLCO in Group 3 pulmonary hypertension
Alexandra Nagy (Budapest, Hungary), Virág Laczkó, Zsófia Lázár, Zsolt Rozgonyi, Györgyi Csósza, Kristóf Karlócai, Veronika Müller

Predictive factors of pulmonary hypertension in fibrosing interstitial lung diseases
David Rodríguez Plaza (Barcelona, Spain), Marta Hernández Argudo, Yolanda Ruiz Albert, Vanesa Vicens Zygmunt, Guadalupe Bermudo Peloche, Salud Santos Pérez, María Molina Molina, Jesus Ribas Sola

Interim results from PHINDER: pulmonary hypertension screening in patients with interstitial lung disease for earlier detection
Sandeep Sahay (Houston, United States), Mary Beth Scholand, Elizabeth Belloli, Aparna Swaminathan, Kaitlyn Paxton, Kyle Davis, Meredith Broderick, Kevin Maher, Dasom Lee, David Kiely

Evaluation of the Utility of DLCO as a Predictive Factor for Pulmonary Hypertension Associated with Interstitial Lung Disease
Masashi Sakayori (Yokohama, Japan), Takashi Niwa, Ryota Otoshi, Takashi Okuma, Masayuki Watanabe, Sanshiro Haga, Kazushi Fujimoto, Takashi Ogura

Inhaled Treprostinil treatment in pulmonary hypertension associated with interstitial lung disease in an outermost region of Europe.
Carlos Ojeda Suárez (Las Palmas de Gran Canaria, Spain), Ana Belén Llanos González, Angeidi Martín Medina, Orlando Acosta Fernández, Marta Évora García, Amando Sixto García, Javier Guerra Ramos, María Purificación Ramírez Martín, Gregorio Pérez Peñate

Pulmonary Hypertension associated with Interstitial Lung Disease in the PVRI GoDeep Meta-Registry
Athiththan Yogeswaran (Giessen, Germany), Paul Hassoun, Khaled Saleh, Meike Fünderich, Aparna Balasubramanian, Ziad Konswa, David Kiely, Allan Lawrie, Christina Eichstaedt, Ekkehard Grünig, Martin Wilkins, Luke Howard, Horst Olschewski, Gabor Kovacs, Hector Cajigas, Robert Frantz, Andrew Sweatt, Roham Zamanian, Hani Sabbour, Alexandra Arvanitaki, George Giannakoulas, Jean Elwing, Arun Jose, Raphael Majeed, Jochen Wilhelm, Ardeschir Ghofrani, Friedrich Grimminger, Khodr Tello, Werner Seeger

High-resolution computed tomography findings of patients with pulmonary hypertension associated with interstitial lung disease: interim analysis of the PHINDER study
David Kiely (Sheffield (South Yorkshire), United Kingdom), Amita Krishnan, Douglas Corwin, Kaitlyn Paxton, Kyle Davis, Meredith Broderick, Dasom Lee, Kevin Maher, Tejaswini Kulkarni

Real-life use of inhaled treprostinil in pulmonary hypertension associated with interstitial lung disease
Segolene Turquier (bron, France), Adeline Berthoumieu, Vincent Cottin, Elise Artaud-Macari, Antoine Beauvais, Laurent Bertoletti, Bruno Degano, Nicolas Favrolt, Frederic Gagnadoux, Etienne Marie Jutant, Nicolas Lamblin, Arnaud Maurac, Ana Nieves, Elise Noel Savina, Jean Pastre, Olivier Sanchez, Mathilde Provost, Marianne Riou, Martine Reynaud-Gaubert, Victor Valentin, Sabrina Zeghmar, Olivier Sitbon, David Montani

Relationship between pulmonary arterial wedge pressure and survival in pulmonary hypertension associated with interstitial lung disease
Kazuya Yoshikawa (Osak, Japan), Osamu Nishiyama, Yuki Kunita, Ryo Yamazaki, Yusaku Nishikawa, Akiko Sano, Hisako Matsumoto

Assessment of non-invasive parameters prior to pulmonary hypertension in fibrotic interstitial lung disease (ILD-PH)
Sophie Herbert (London, United Kingdom), Konstantinos Dimopoulos, Ifan Jenkin, Timothy J W Dawes, Simon Bax, Colm Mccabe, Heba Nashat, Bhashkar Mukherjee, Bhavin Rawal, Athol Wells, Elisabetta Renzoni, Pete M George, Gisli Jenkins, S J Wort, L C Price

Assessing cardiac MRI in the diagnosis of pulmonary hypertension in ILD patients
Vaida Averjanovaitė (Vilnius, Lithuania), Lina Gumbiene, Ingrida Zeleckiene, Diana Zakarkaite, Monika Laukyte-Sleniene, Virginija Sileikiene

Deep learning algorithms using non-invasive data detect pulmonary hypertension in patients with idiopathic pulmonary fibrosis
Stephen John Wort (London, United Kingdom), Alexandra Arvanitaki, Gerhard Paul Diller, Vasilis Kouranos, Thomas Semple, Alexandra Lawrence, Bhashkar Mukherjee, Wei Li, Colm Mccabe, Michael Gatzoulis, Laura Price

Resource use and economic burden of patients with ILD-PH in France, SNDS study
Diego Funes (Buenos Aires, Argentina), Vincent Cottin, Olivier Sitbon, Aurelie Chekroun Martinot, Nicoleta Petrica, Gabriela Bacchini Jeanneret, Miriam Fernández Delgado

Epidemiology of ILD-PH in France: Insights from the French National Health Data System
Olivier Sitbon (Le Kremlin-Bicêtre, France), Vincent Cottin, Aurelie Chekroun Martinot, Nicoleta Petrica, Diego Funes, Gabriela Bacchini Jeanneret

Clinical Characteristics and Survival of Patients with Pulmonary Hypertension Associated with Interstitial Lung Disease: A French Claims Database Analysis
Vincent Cottin (Lyon, France), Olivier Sitbon, Aurelie Chekroun Martinot, Nicoleta Petrica, Diego Funes, Gabriela Bacchini Jeanneret

PHocus: a global Phase 2 study of inhaled mosliciguat in pulmonary hypertension associated with interstitial lung disease (PH-ILD)
H. Ardeschir Ghofrani (Gießen, Germany), Vincent Cottin, Laura Price, Rajan Saggar, Rogerio De Souza, Jean-Luc Vachiéry, Aaron Waxman, Jennifer Cormier, Ubaldo Martin, Sudhir Penugonda, Carlos Sanmarco, Dhiya Sani, Allison Widlitz, Marc Humbert

Pulmonary vascular phenotypes in interstitial lung disease (ILD) patients: a wide scenario from a multicentric study
Giordano Fiorentu' (Padua, Italy), Elisabetta Cocconcelli, Nicol Bernardinello, Dylan Pasin, Giulia Bartolucci, Chiara Giraudo, Sara Cecchinato, Martina Visonà, Alexandra Vilaia, Fiorella Calabrese, Federico Rea, Paula Barquero, Manuel Lopez Meseguer, Lucilla Piccari, Paolo Spagnolo, Elisabetta Balestro

PS-25 Session 12:30 - 14:00

Poster session: Respiratory care: a psychological and behavioural focus

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Public health Pulmonary rehabilitation Palliative care Physiology Epidemiology Pulmonary function testing

Chairs : Eleonora Volpato (Milano (MI), Italy)

Effects and neural mechanisms of menthol inhalation on resistive load-induced dyspnea
Samantha Piers (Leuven, Belgium), Lucas Vanden Bossche, Valentina Jelinčić, Kristin Verbeke, Wim Janssens, Stephanie Everaerts, Thierry Troosters, Daniel Langer, Andreas Von Leupoldt

Determining death anxiety, cyberchondria and affecting factors in COPD
Ayşegül Tomruk Erdem (Zonguldak, Turkey), Zeynep Erdoğan

Vulnerability: An ethnographic study of people living with chronic obstructive pulmonary disease in a community context
Kirsti J. Loughran (Middlesbrough, United Kingdom), Samantha L. Harrison*, Caroline Fernandes-James, Joanne Symm, Andrew Fisher, Sophie Suri, Alice Franklin, Eileen Kaner, Denis Martin, Jamie Mcphee, Tim Rapley

Personality, lifestyle, and sleep quality: analysis of the psychological and behavioral determinants of CPAP adherence in sleep apne.
Francesca Simioli (Napoli (NA), Italy), Raffaella Manzo, Anna Annunziata, Giorgio Polistina, Pasquale Imitazione, Giovanni Cioffi, Paolina Lumino, Andrea Barone, Mariapia Palladino, Giuseppe Fiorentino

Dry powder inhaler resistance: understanding patient preference and confidence using the In-Check DIAL
Monbi Stefanova Chakma (London, United Kingdom), Sally Meah, Martyn Biddiscombe, Liangfeng Han, Bryan Newman, Darragh Murnane, Omar Usmani

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Cognitive and emotional factors relation to treatment adherence in asthmatic patients in upper Egypt
Nermen Abuelkassem (assiut, Egypt), Entsar Hsanen, Nourelhoda Haridy

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Preferences for collaboration styles in treatment decision-making among patients with severe asthma
Maria Achterbosch (Groningen, Netherlands), Hinke Van Der Werf, Laura Mortelmans, Tinne Dilles, Boudewijn Dierick, Liset Van Dijk, Job Van Boven

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Telemonitoring in COPD: a qualitative study of patients´ needs and requirements
Gitte Smorawski (Vejle, Denmark), Ingeborg Farver- Vestergaard, Barbara Fersch, Bodil Bjørnshave Noe, Maja Christoffersen, Anne Krintel, Anders Løkke

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E-health psychological and physiotherapy interventions in a Patient Support Programme (PSP) in Alpha-1 Antitrypsin Deficiency (AATD)
SILVINA CANCIO (madrid, Spain), Elisabet Ferrer, David Gomez, Alicia Alameda, Raquel Serrano, Beatriz Simon, Hernan Cancio

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Psychological Interventions in Pulmonary Rehabilitation for Chronic Respiratory Diseases (CRDs) in low- and middle-income countries (LMICs): A Systematic Review
Diksha Singh (Edinburgh, United Kingdom), Paul Jebaraj, Soo Chin Chan, Ruth Mc Quillan, Kirstie Mc Clatchey, Dhiraj Agarwal, Hilary Pinnock

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A framework method analysis of healthcare professional & patient views of non-pharmacological inducible laryngeal obstruction interventions
Jemma Haines (Wilmslow (Cheshire), United Kingdom), Jennifer Butler, Jaclyn A Smith, Stephen J Fowler, Janelle Yorke

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Involvement of speech pathology in the management of functional breathing and upper airway disorders reduces healthcare utilisation
Danielle Stone (Pymble, Australia), David Chapman, Greg King, Louise Hansell

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Comparison of the Role of Community Pharmacists and Pharmacy Technicians in the Management of Asthmatic Patients
Olfa Ben Moussa (Tunis, Tunisia), Hela Kamoun, Hadhemi Rejeb, Sirine Arfa, Dorra Greb, Ines Akrout, Hanene Smadhi, Leila Fekih

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Is facilitation a helpful change strategy to improve implementation of supported self-management of asthma in primary care?
Liz Steed (London, United Kingdom), Viv Marsh, Catherine Mccleod, Barbara Searle, Kirstie Mcclatchey, Victoria Hammersley, Jessica Sheringham, Stephanie Taylor, Hilary Pinnock

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Emotional responses to COVID-19: Gender Differences in post-traumatic stress, anxiety, depression and relaxation responses.
Claudia Gabriela Cortés San Agustín (Ciudad de México, Mexico), Viridiana Peláez Hernández, Montserrat Martínez Pérez, Mayra Gisselle Ruiz Perial, Arlen Daniela Pérez García, Vanessa Michelle Dávalos Torres, Arturo Orea Tejeda, Karel Nataly Suárez Tovar

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Protective and risk factors for psychiatric repercussion on covid hospital workers in times of pandemic.
Sabrina Benissad (Oran, Algeria), Arslan Bettayeb, Aissa Ouardi, Yasmine Chaouche

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Exploring the aftermath: a review of the mental health (MH) of respiratory high care unit (RHCU) staff post COVID-19
Eleanor Hartree (Evesham, United Kingdom), Harvey Penfold, Abhimanyu Lal, See Ling Tan

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PS-29 Session 12:30 - 14:00

Poster session: Tuberculosis prevention and control: best practices

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Imaging Public health

Chairs : Ayşegül Fusun Öner Eyüboğlu (Ankara, Turkey), Chair to be confirmed

Psychological perspectives and correlation of various psychological scales in tuberculosis- an observational study
Akhlesh Rajpoot (Almora, India), Manju Bala, Dinesh Chandra Punera

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Room to breathe: could use of TB PCR testing to determine infection risk reduce unnecessary respiratory isolation in hospital settings?
Alasdair Frater (London, United Kingdom), Matthew Burman, Jack Callum, Manreet Nijjar, Viktoria Whittington, Alleyna Claxton

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Portable X-ray machine for pulmonary pathology and tuberculosis active case finding in a combat zone: does it effective?
Olha Konstantynovska (Kharkiv, Ukraine), Tetiana Synenko, Iana Terleieva, Olesia Medvedieva, Olha Volobuieva, Tetiana Liadova, Svitlana Tiahlo

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The mycobacterium tuberculosis infection in a tertiary cancer hospital: the retrospective analysis from 2014 to 2023
Chung-Jen Huang (New Taipei city, Taiwan), An-Chen Feng

Clinical Characteristics Of Hospitalised Patients With Miliary Tuberculosis In Central Shizuoka Prefecture, 2009-2021
Kei Kanata (Shimada, Japan), Toshihiro Shirai, Taisuke Akamatsu, Shoma Matsushita, Yutaro Ito, Koshiro Ichijo, Masahiro Uehara

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Nationwide treatment outcomes of rifampicin resistant TB in Vietnam in 2021-2022.
Thi Mai Phuong Nguyen (Hanoi, Vietnam), Tom Decroo, Binh Hoa Nguyen, Thi Thanh Thuy Hoang, Van Luong Dinh

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The acceptability of routine screening of pregnant migrant women for latent tuberculosis infection (LTBI) in antenatal care: a qualitative study nested within a feasibility trial.
Ananna Rahman (Essex, United Kingdom), Heinke Kunst, Christine Mccourt

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Missed NHS TB migrant screening and prevention opportunities since 2015 contribute to high 2023 TB case rates in Leicester City
Trimanjot Singh Anand (Leicester, United Kingdom), Gerrit Woltmann, Pranabashis Haldar, Manish Pareek, Roz Kennedy, Helen Thuraisingam, Robert Free

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One-Month Isoniazid and Rifapentine Treatment for Latent Tuberculosis Infection: Experience from a Portuguese Center
Maria Beatriz Dias Ferraz (Porto, Portugal), Ricardo Reis

Latent TB Infection (LTBI) Screening – a missed opportunity in prevention and early identification of active TB
Kubra Boza (Hove, United Kingdom), Rebekah Merriman, Aris Alexiadis, Akanksha Mimi Malhotra, Heinke Kunst

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A new mobile application in the treatment of Tuberculosis patients in Turkey
Derya Öztomurcuk (Samsun, Turkey), Özlem Tosuner, Yasemin Dinç, Şule Ozturk, Filiz Agca, Zeki Kılıcaslan

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SIILTIBCY: EMA Approved Breakthrough in TB Control
Teunie Westera (Bilthoven, Netherlands), Umesh Shaligram, Prasad Kulkarni, Parag Nagarkar, Zeinab Fneish, Rakesh Lothe, Marcus May, Dhananjay Kapse, Gaurav Nagar, Simon Peter, Shruti Polishwalla, Pradeep Singh

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War, Migration &Child-Adolescent Tuberculosis (CA-TB)
Filiz Duyar Ağca (Ankara, Turkey), Umay Kavgacı, Asiye Inan Suer, Uğur Özçelik

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Active TB diagnosis among migrants in East London, patient and health system delay – a retrospective review
Rebekah Merriman (London, United Kingdom), Kubra Boza, Aris Alexiadis, Akanksha Mimi Malhotra, Veronica White, Heinke Kunst

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Root cause analysis of nosocomial exposure to Tuberculosis
YA-JEN YANG (Taipei City, Taiwan), Jann-Yuan Wang, Meng-Rui Lee, Che-Liang Chung, Sung-Ching Pan, Chi-Tai Fang, Jann-Tay Wang

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Evaluation of TB treatment outcomes in outpatient settings during the COVID-19 pandemic
Ruzilya Usmanova (Tashkent, Uzbekistan), Nargiza Parpieva, Irina Liverko

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Impact of COVID-19 pandemic on Tubercolar Infection treatment in Italy: a multicentric retrospective analysis
Irene Tomarelli (Milano, Italy), Giovanni Fumagalli, Marina Tadolini, Bianca Granozzi, Gilda Cuzzi, Luca Marcato, Giovanni Rossi, Patrizia Valsecchi, Paola Congera, Ilaria Marchetiello, Marco Mantero, Francesco Blasi, Luigi Ruffo Codecasa

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Semi-automated quantification of PET-CT in TB contacts and its association with prospective outcomes.
Jee Whang Kim (Leicester, United Kingdom), Anver Kamil, Jo Lee, Ismail Novsarka, Pranabashis Haldar

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Outbreak of pulmonary tuberculosis in a kindergarten following exposure to an infected teacher in a low TB incidence country
Sivan-Haia Perl (Tel aviv jaffa, Israel), Ehud Kaliner, Marina Polyakov, Zohar Mor

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PS-27 Session 12:30 - 14:00

Poster session: COVID-19: clinical outcomes and recovery

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Physiology Pulmonary rehabilitation Cell and molecular biology Imaging Public health Pulmonary function testing General respiratory patient care Respiratory intensive care

Chairs : Rachael A. Evans (Leicester (Leicestershire), United Kingdom), Anna Freeman (Southampton, United Kingdom)

Characterizing long COVID symptoms patterns by age: a US prospective study
Manuela Di Fusco (New York, United States), Laura Lupton, Joseph C. Cappelleri, Alon Yehoshua, Mary M. Moran, Laura Puzniak, Santiago M.C. Lopez, Xiaowu Sun

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Long COVID and fatigue
Benedita Teixeira Custódio Gonçalves Ferreira (Albufeira, Portugal), Gonçalo Fernandes, Ana Rita Ribeiro, Catarina Sampaio, Inês Ribeiro, Cátia Saraiva, Helena Chaves Ramos, Sofia Barroso, Djamila Neves, Cláudia Guerreiro, Maria José Guimarães, Bebiana Conde, Jorge Ferreira, Marta Drummond, Lígia Pires

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Effects of creatine supplementation on fatigue in long COVID: a randomized controlled trial
Robson Prudente (Botucatu (SP), Brazil), Maercio Santos, Mariana Dorna, Adriele Costa, Carolina Breda, Caroline Marin, Estefânia Franco, Fernanda Suetake, Isabela Bassani, Jéssica Geronutti, Luís Fernando Brizola, Letícia Antunes, Paula Azevedo, Sérgio De Paiva, Yasmin Barros, Suzana Tanni

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Assessement of DLCO impairment and respiratory muscle weakness in post-COVID patients
Christopher Milacek (Wien, 05. Bezirk, Margareten, Austria), Yasmin Merza, Ivan Fedak, Maximilian Gysan, Andreas Renner, Stefan Simon, Marco Idzko, Karin Vonbank

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Feasibility of a digital combined lifestyle intervention for patients with post COVID-19 condition
Debbie Gach (Sittard, Netherlands), Charlotte Born, Lisanne Schuurman, Frits Van Osch, Joop Van Den Bergh, Sanne Gerards, Rik Crutzen, Annemie Schols, Rosanne Beijers

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Long-term evolution of dyspnea and quality of life in patients with severe SARS-CoV-2 pneumonia: A 48-month follow-up study.
Ahmad Hamod Tammawi (Girona, Spain), Gladis Sabater Talaverano, Erick Roberto Linares Paz, Oscar Martin Clopes, Marc Bonnin Vilaplana, Ramon Orriols Martinez, Saioa Eizaguirre Anton

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Longer term post-hospital morbidity and mortality following admission with COVID-19: a systematic review and meta-analysis.
Joseph Newman (Cambridge, United Kingdom), Luke Flower, Rowena Jones, Veronica Phillips, Dominique-Laurent Couturier, Martin Law, Mark Toshner, Charlotte Summers

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What's up 3 and 6 months after hospitalization for COVID-19 pneumonia
Sabrine Majdoub Fehri (Nabeul, Tunisia), Wafa Madi, Rahma Kallel, Hamida Kwas

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Factors associated with outcomes in COVID-19 patients: a cohort study
Thiti Sricharoenchai (Bangkok, Thailand), Nisakorn Charoensuk

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Fibrotic patterns on chest CT following severe SARS-CoV-2 infection are associated with alterations in airway and gut microbiota composition
Sabine Stadler (Fribourg, Switzerland), Chiara Pozzessere, David Rotzinger, Luca Stickley, Eric Bernasconi, Seher Guney, Louis Mercier, Julie Pernot, Berra Erkosar, Alexandra Lenoir, Maura Prella, Catherine Beigelman-Aubry, Lise Piquilloud, Manuela Funke-Chambour, Niki Ubags, Christophe Von Garnier

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Microbiome as a predictor of long-term pulmonary outcomes in severe SARS-CoV-2 survivors
Luca Stickley (Lausanne, Switzerland), Sabine Stadler, Eric Bernasconi, Seher Guney, Louis Mercier, Julie Pernot, Berra Erkosar, Alexandra Lenoir, Maura Prella, Lise Piquilloud, Manuela Funke-Chambour, Christophe Von Garnier, Niki Ubags

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Long term effects of COVID-19 on the oral and airway microbiota
Daniela Alferes de Lima Headley (Dundee, United Kingdom), Hollian Richardson, Chandani Hennayake, Zsofia Eke, Jamie Stobo, Ling-Pei Ho, Alex Horsley, Michael Marks, Krisnah Poinasamy, Betty Raman, Louise V Wain, Rachael A Evans, Christopher E Brightling, Philip L Molyneaux, James D Chalmers

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The impact of severe COVID-19 pneumonia on the pulmonary and systemic circulation based on flow laws
Erzsébet Szolnoki (Debrecen, Hungary), Tibor Endre Nagy, Zoltán Hargitai, András Székely, Éva Gyarmati, Zsolt Barta, István Várkonyi

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Therapeutic RIG-I activation by phosphorothioate-backboned oligodeoxynucleotide promotes pneumonia survival
Scott Evans (Houston, United States), Yongxing Wang, Vikram Kulkarni, Jezreel Pantaleon Garcia, Mathilde Lethier, Stephen Cusack

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Long-term multidimensional health outcomes among individuals with and without post COVID-19 condition
Debbie Gach (Sittard, Netherlands), Frits Van Osch, Joop Van Den Bergh, Rein Posthuma, Hester Gietema, Martijn De Kruif, Annemie Schols, Rosanne Beijers

Post-COVID-19-period – how to predict the course?
Mariia Krykhtina (Dniepropetrovsk, Ukraine), Olha Shchudro, Liudmyla Konopkina, Larysa Botvinikova

Assessing DLCO impairment and fatigue in Long COVID patients
Gonçalo Filipe Jacinto Fernandes (Lagos, Portugal), Benedita Ferreira, Ana Rita Ribeiro, Jorge Correia, Pedro Americano, Cátia Saraiva, Helena Chaves Ramos, Sofia Barroso, Djamila Neves, Cláudia Guerreiro, Maria José Guimarães, Bebiana Conde, Jorge Ferreira, Marta Drummond, Ligia Pires

Respiratory tract mycobiota profiles and bacterial-fungal co-occurrence after severe COVID-19 are associated with lung function
Sabine Stadler (Fribourg, Switzerland), Luca Stickley, Eric Bernasconi, Seher Guney, Louis Mercier, Berra Erkosar, Manuela Funke-Chambour, Christophe Von Garnier, Niki Ubags

Acute muscular dystrophy correlates with severe pneumonia prognosis in elder
Luo Dong (Chongqing, China)

Radiological Lung Sequelae in COVID-19 Patients with Acute Hypoxemic Respiratory Failure: A Longitudinal Cohort Study at 4 Years after Discharge
Giulia Sartori (verona, Italy), Giancarlo Mansueto, Roxana Alexandra Chiper, Carlotta Ferrari, Alessandro Spezia, Chira Tirone, Benedetta Cosma, Ernesto Crisafulli

PS-12 Session 12:30 - 14:00

Poster session: The bigger picture: comorbidities and cross-treatment effects in airway disease

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Imaging Pulmonary function testing Public health Cell and molecular biology Pulmonary rehabilitation Physiology

Chairs : Konstantinos Kostikas (Ioannina, Greece), Laura Bergantini (siena, Italy)

Comparative effectiveness of angiotensin receptor-neprilysin inhibitors versus renin-angiotensin system inhibitors in patients with comorbid heart failure and chronic obstructive pulmonary disease.
Kuang-Ming Liao (Tainan, Taiwan), Wan-Hsuan Hsu, Bo-Wen Shiau, Jheng-Yan Wu, Min-Hsiang Chuang, Ya-Wen Tsai, Po-Yu Huang, Khai-Chi Hu, Wei Hsu, Ting-Hui Liu, Chih-Cheng Lai

Quinine use and the risk of exacerbations of chronic obstructive pulmonary disease: a nationwide retrospective registry study
Frida Vilstrup (Hellerup, Denmark), Pradeesh Sivapalan, Josefin Eklöf, Alexander Jordan, Tor Biering-Sørensen, Søren Sperling, Jens-Ulrik Stæhr Jensen

Mental health comorbidity in patients undergoing assessment for severe asthma biologic therapy: identifying unmet clinical need.
Balamayran Ketheeswaran (London, United Kingdom), Simon Brill, James Brown, Lisa Goodman

Consideration of ILAs and Cardiovascular Risk in COPD
Hiro Ikeda (Osaka-shi, Japan), Satoshi Marumo, Masataka Hirai, Tsuyoshi Sasada, Daiki Inoue, Motonari Fukui

Carotid artery disease (CAD) as a comorbidity in COPD patients
Daniela Buklioska Ilievska (Skopje, North Macedonia), Jordan Minov

Comparison of inhaled medications for cardiovascular events prevention after exacerbation of chronic obstructive pulmonary disease
Tsuyoshi Sasada (Kobe, Japan), Satoshi Marumo, Hiro Ikeda, Masataka Hirai, Daiki Inoue, Motonari Fukui

Statins lower outpatient and hospitalised exacerbation risk beyond exacerbation history
Sam Beckx (Ternat, Belgium), Frauke Van Vaerenbergh, Delphine Vauterin, Lies Lahousse

Are adults with COPD in Australian primary care at a greater risk of cardiovascular events than adults without COPD?
Russell Wiseman (Maroochy River, Australia), Mark Hew, Brian Ko, Christine Jenkins, Belinda Cochrane, Philip J Thompson, Kerry L. Hancock, Vanessa Mcdonald, Paul Leong, Freya Tyrer, Porsche Le Cheng, Chantal Le Lievre, Alexander Roussos, Andrew P Dickens, Alexander Evans, Nicholas Bushell, Fabio Botini, Victoria Carter, Angelina Catanzariti, Sinthia Z. Bosnic-Anticevich, Dominique Novic, Jennifer Perret, Kanchanamala Ranasinghe, Anita Sharma, Deb Stewart, Thao Le, David Price

Costs of Multimorbidity in Asthma Patients in Singapore
Wenjia Chen (Singapore, Singapore), Laura Huey Mien Lim, Yah Ru Juang, Kelvin Bryan Tan, Mariko Siyue Koh, Mei Fong Liew, Hui Fang Lim, Pei Yee Tiew, Anthony Chau Ang Yii, David Hsien Yung Tan

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Reduced mortality and cardiopulmonary risk for patients with COPD and asthma when initiating single inhaler triple therapy compared to multiple inhaler triple therapy (MITT): MAZI Asthma Study
Claus Vogelmeier (Marburg, Germany), Hana Müllerová, Antonio Anzueto, Kirsty Rhodes, Nathaniel Hawkins, Eleni Rapsomaniki, Jonathan Marshall, Michael Pollack

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Impact of primary diagnosis of SA or CRSwNP on comorbid patients – Baseline features in the RESPONSE study
Florence Schleich (Liège, Belgium), Jannis Constantinidis, Camille Taillé, Isam Alobid, Peter W. Hellings, Oliver Pfaar, Lingjiao Zhang, David Bañas-Conejero, Konstantina Kallinikou, Peter Howarth, Petros Bakakos

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Inhaled pitavastatin reduces airway hyperresponsiveness and air trapping: implications for the treatment of asthma and COPD
Yuto Yasuda (Vancouver, Canada), Lu Wang, Pasquale Chitano, Omran Abu Aboud, Kenneth Chmiel, Chun Seow, Amir Zeki

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Effectiveness of Benralizumab regarding comorbidities.
Angel Carmona Gonzalez (Cadiz, Spain), Aureliano Ais Daza, Sofia Gutierrez Hernandez, Isabel Castillo Rivillas, Aurelio Arnedillo Muñoz, Francisco Pérez Grimaldi, Sergio García Morales, Gregorio Soto Campos, Maria Morales González, Ana Badillo Melgar, Daniel Del Castillo Otero, Alvaro Cabeza Serrano

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Association of Heart Rate Recovery (HRR) with Pulmonary Function Tests and Clinical Indicators in Patients with Stable COPD
Ayse Demirkaya (Ankara, Turkey), Nalan Ogan, Ipek Candemir

Prevalence of ischemic heart disease in GOLD subgroups COPD patients
Roberta Cianci (POTENZA, Italy), Raffaella Pagliaro, Silvio Pastore, Umberto Masi, Vito D'Agnano, Filippo Scialò, Angela Schiattarella, Fabio Perrotta, Susan Fm Campbell, Andrea Bianco

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Heart stress / heart failure in COPD: NT-proBNP and the impact of SITT
Pier-Valerio Mari (Roma (RM), Italy), Riccardo Sarzani, Giorgia Laureti, Angelo Coppola, Federico Giulietti, Alessandro Gezzi, Piero Giordano, Roberta Galeazzi, Erilda Kamberi, Andrea Stronati, Alessia Resedi, Yuri Rosati, Matteo Landolfo, Francesco Spannella

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COPD and Hypertension:Does Inhalation Therapy Influence Blood Pressure Control?
Olha Shchudro (Dnipro, Ukraine), Lyudmyla Konopkina, Alina Babets

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Evaluation of Disease Control and Quality of Life in Greek Asthma Patients With or Without Comorbidities Treated With Budesonide/Formoterol FDC: A Subgroup Analysis From the NOTOS Study
Maria Bertoli (Pikermi, Greece), Paschalis Steiropoulos, Athanasios Kapetangiorgis, Polyanthi Papanastasiou, Konstantinos Kostikas

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Characterizing the burden of CRSwNP in the biologic era
Lucia De Prado Gomez (Reading, United Kingdom), Willy Roque Barboza, Megan Hardin, Benjamin T. Suratt, Asif Khan, Paul Rowe

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Protective role of salbutamol against aminophylline-induced arrhythmias in an hPSC-based cardiac model
Martin Scurek (Brno, Czech Republic), Daniil Kabanov, Simon Klimovic, Deborah Beckerova, Martin Pesl, Jan Pribyl, Marketa Bebarova, Vladimir Rotrekl, Kristian Brat

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PS-30 Session 12:30 - 14:00

Poster session: Predictive and prognostic evaluation of clinical markers and biomarkers in lung cancer

Disease(s) : Thoracic oncology Pulmonary vascular diseases

Method(s) : Public health Epidemiology Endoscopy and interventional pulmonology Cell and molecular biology General respiratory patient care Surgery

Chairs : Merel Hellemons (Rotterdam, Netherlands)

Laboratory findings as prognostic factors of progression-free survival and overall survival in patients with stage IV lung adenocarcinoma
Andrej Zecevic (Belgrade, Republic of Serbia), Branislav Ilic, Anka Postic, Dragana Maric

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The Systemic Inflammation Response Index (SIRI) and C-Reactive protein (CRP) as Prognostic indicators in patients with advanced non-small cell lung cancer (NSCLC) undergoing chemotherapy
Amira Jamai (Tunis, Tunisia), Chaima Habouria, Zaineb Guizaoui, Nidhal Belloumi, Imen Bachouch, Selma Zarrouk, Fatma Chermiti, Soraya Fenniche

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Prognostic Value of Inflammatory Biomarkers in Patients with Advanced Stage Non-Small Cell Lung Cancer
Zaineb Ghizaoui (ariana, Tunisia), Chaima Habouria, Amira Jamai, Imen Bachouch, Nidhal Belloumi, Marwa Bougacha, Selma Zarrouk, Fatma Chermiti, Soraya Fenniche

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Multi-gene molecular testing in non-small cell lung cancer (NSCLC): the importance of quality assurance strategies
Urszula Lechowicz (Warsaw, Poland), Magdalena Pelc, Adam Szpechcinski, Joanna Moes-Sosnowska, Paulina Skronska, Adriana Rozy, Elzbieta Podgorska, Aneta Zdral, Mateusz Polaczek, Emil Wojda, Malgorzata Szolkowska, Tadeusz Orlowski, Pawel Sliwinski, Renata Langfort, Joanna Chorostowska-Wynimko

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Correlation of PD-L1 expression between biopsies and surgical specimens in Non-Small Cell Lung Cancer (NSCLC)
Filipe Santos Raposo (Lisboa, Portugal), Carla Simão, Maria Alvarenga Santos, Margarida Aguiar, Margarida Felizardo, Filipa Todo Bom

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Transitioning to NGS in NSCLC Molecular Diagnosis: Insights from a Portuguese Oncology Centre
Joana Da Silva Cruz Gameiro Duarte (Oeiras, Portugal), Luís Vaz Rodrigues, Paulo Matos, Michele De Santis, Lourdes Barradas

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The prognostic value of baseline serum D-dimer concentration in lung cancer - a post hoc analysis of a prospective cohort study
Joana Sofia Pereira De Magalhães Ferreira (Porto, Portugal), Pedro Magalhães Ferreira, Cláudia Freitas, Catarina Sousa, David Araújo, Hélder Bastos, Adriana Magalhães, Maria Gabriela Oliveira Fernandes

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Association between serum γ-glutamyl transferase level and lung cancer risk in females
Chiwook Chung (Seoul, Republic of Korea), Kyu Na Lee, Kyungdo Han, Dong Wook Shin, Sei Won Lee

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MCT1-mediated histone lactylation modulates lung cancer cell sensitivity to T-cell-mediated killing by influencing mitochondrial dysfunction
Qiong Zhou (Wuhan, China), Qianqian Xue, Wen-Bei Peng

Improved efficacy of immune checkpoint inhibitor with TGR5 inhibition in non-small cell lung cancer
Lifang Zhao (shanghai, China), Zhihan Jiang, Hongyan Zhang, Handong Jiang

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Refining lung cancer prognostication: impact of the 9th edition of the tumor, node and metastasis classification (TNM-9) staging updates
Joana Sofia Pereira De Magalhães Ferreira (Porto, Portugal), Pedro Magalhães Ferreira, Rui Campos, Carolina Valente, Cláudia Freitas, Catarina Sousa, David Araújo, Hélder Bastos, Adriana Magalhães, Maria Gabriela Oliveira Fernandes

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Survival Predictors in Lung Cancer Patients Five Years After Initial Diagnosis
Carmen Manzano Ramos (Las Palmas de Gran Canaria, Spain), Lucrezia Giannozzi, Clara Elisa Ruiz Tarbet, Idalays Pulido Hernández, Yolanda Bedmar Castillo, Cristian Pérez Nyberg

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Predictive factors of morbidity and mortality after pneumonectomy
mahdi Abdennadher (Ariana, Tunisia), Takwa Abdelfattah, Amina Ben Mansour, Amina Abdelkebir, Henda Neji, Nizar Fitouhi, Hazem Zribi, Adel Marghli

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A single centre retrospective review of factors associated with mortality in lung cancer.
Sarah Ahmed (Eastbourne, United Kingdom), Elspeth Carruthers, Alex Birly, Alan Shaw

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Impact of pulmonary embolism on lung cancer prognosis: A case-control study
Ruiyuan Yang (Chengdu, China), Weimin Li

Relationship Between Telomere Length and Pulmonary Toxicity in Patients with Locally Advanced Unresectable Non-small cell lung cancer (NSCLC)
Alfredo Marín Muñiz (Castelldefels, Spain), Olivia Jordi-Ollero, Beatriz Fernández-Varas, Mónica Arellano-Vengoechea, Isabel Brao-Pérez, Susana Padrones-Sánchez, Ramón Palmero-Sánchez, Mariana Muñoz-Esquerre, Guillermo Suarez-Cuartin, Salud Santos-Pérez, Leandro Sastre-Garzón, Arturo Navarro-Martín, Rosario Perona-Abellón, Samantha Aso-González

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Telomere Length and Survival in Patients with Locally Advanced UnresectableNon-small Cell Lung Cancer (NSCLC): Is There a Relationship?
Alfredo Marín Muñiz (Castelldefels, Spain), Olivia Jordi-Ollero, Beatriz Fernandez-Varas, Monica Arellano-Vengoechea, Isabel Brao-Perez, Susana Padrones-Sánchez, Ernest Nadal-Alforja, Mariana Muñoz-Esquerre, Guillermo Suarez-Cuartin, Salud Santos-Pérez, Leandro Sastre-Garzon, Arturo Navarro-Martín, Rosario Perona-Abellon, Samantha Aso-González

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Prognostic implication of malignant pleural metastases in stage M1a non-small cell lung cancer (NSCLC) in a Dutch real-world cohort
Anneloes L. Noordhof (Leeuwarden, Netherlands), Ronald A.M. Damhuis, Lizza E.L. Hendriks, Kevin G. Blyth, Najib M. Rahman, Wouter H. Van Geffen

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Construction of a LncRNA Signature-Based Predictive Nomogram for Lung Adenocarcinoma
Zhimin Zeng (Guangzhou, China), Fengjia Chen, Yangli Liu, Yubiao Guo

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TGFBI modulates lung cancer cell invasion, but is independent of metastasis & survival
Martin Kuchta (Leipzig, Germany), Armin Frille, Jonas Oberhuber-Kurth, Lukas Hofmann, Maximilian Von Laffert, Albrecht Gläser, Sabine Klagges, Wirtz Hubert, Hartmut Kuhn

PS-37 Session 12:30 - 14:00

Poster session: Pulmonary embolism poster session 1

Disease(s) : Pulmonary vascular diseases Respiratory critical care

Method(s) : Respiratory intensive care General respiratory patient care Epidemiology Imaging Endoscopy and interventional pulmonology

Chairs : Esther Nossent (Amsterdam, Netherlands), Chair to be confirmed

Incidence of Chronic Thromboembolic Pulmonary Hypertension (CTEPH) after pulmonary embolism (PE): PREVA-CTEPH study
Olivier Sanchez (Paris, France), Eloise Alabadan, Laurent Bertoletti, Nicolas Meneveau, Cécile Tromeur, Mitja Jevnikar, Florence Parent, Marie-Pierre Revel, Armelle Arnoux, Annabelle Beaudoin, Xavier Jais, Francis Couturaud

The incidence of chronic thromboembolic pulmonary disease and chronic thromboembolic pulmonary hypertension after an acute pulmonary embolism: a 3-year experience of an ambulatory pulmonary embolism service
Vimal Kumar (Leicester, United Kingdom), Nadeem Iqbal, Abdurrahmaan Manga, Rajini Sudhir

Validation of standard PaO2/FiO2 ratio as a prognostic marker in acute pulmonary embolism: a multicentric study
Lorenzo D'Aloisio (San Giuliano Terme, Italy), Martina Vignani, Gianluca Andreucci, Greta Barbieri, Giuseppe Pepe, Lorenzo Ghiadoni, Laura Carrozzi, Alessandro Celi, Roberta Pancani

Pulmonary artery pulse pressure as a predictor of pulmonary hypertension in patients with intermediate-high risk pulmonary embolism
Julien Lopes (Fátima, Portugal), Mariana Caetano Coelho, Bárbara Lacerda Teixeira, André Grazina, João Reis, Ana Galrinho, Duarte Cacela, Ruben Ramos, Melanie Ferreira, Rui Cruz Ferreira, Luís Almeida Morais

Are Hestia, PESI, and sPESI enough to select patients with pulmonary embolism for outpatient treatment?
Maja Omcikus (Beograd, Republic of Serbia), Dragana Maric, Ivan Milivojevic, Andrej Zecevic, Aleksa Golubovic, Zdravko Brkovic

Management of intermediate-risk acute pulmonary embolism: The emerging role of respiratory intermediate care units
Jorge Mora (Getafe, Spain), Araceli Abad, Fernando Garcia, Sonia Pascual, Alejandro García, María Conejero, Waail Boubekri, Monica Babiano, Carmen Mira, María Teresa Río, Diego Durán

Experience of the rapid response team for the management of patients with pulmonary embolism (PERT, Pulmonary Embolism Response Team) of the General Hospital of Mexico
Dulce Iliana Navarro (nezahualcoyotl, Mexico), Guillermo Cueto, Maria Berenice Torres Rojas, Marisol Garcìa

L-shaped association of 24-hour urine output with 3-month and 1-year all-cause mortality in patients with acute pulmonary embolism: A retrospective cohort study
Jia-Yong Qiu (Shijiazhuang, China), Chao-Wei Ding, Shen-Shen Huang, Dong Ding, Yi-Min Mao, Ya-Dong Yuan

Anticoagulation in critically ill patients with isolated distal deep vein thrombosis: a retrospective cohort study
Hong Chen (, China), Shengxin Fan, Binyan Fu, Jiazhou Liu, Yuliang Liu, Xiaohui Wang

Impact of a pulmonary embolism response team (PERT) in the prognosis of patients with acute symptomatic pulmonary embolism.
Sara Gonzalez Castro (Tres Cantos (Madrid), Spain), Marta Najarro De La Parra, Winnifer Briceño Franquiz, Carmen Rodriguez Calle, Deisy Barrios Barreto, Raquel Morillo, Juan Manuel Velasco Martin, Andrea Olovarría, Aurora Lietor, Vicente Gómez Del Olmo, Álvaro Osorio, Angel Sanchez Recalde, Alfonso Muriel, David Jiménez

Patient characteristics associated with dyspnea after an acute pulmonary embolism. Results of the INPUT multicentric prospective study
Nicolas Coquoz (Sion, Switzerland), Daiana Stolz, Andrea Azzola, Jean-Marc Fellrath, Hans Stricker, Sylvia Ulrich, Sandor Györik, John-David Aubert

Pulmonary necrosis in pulmonary embolism: Clinical significance and prognostic implications
Sida Gösterici (İstanbul, Turkey), Seda Tural, Çiğdem Sabancı, Sevdenur Özer Bilkay, Sümeyya Pehlivan Okuducu, Gülfidan Aras, Fatma Tokgöz Akyıl

INTERactions between Direct Oral AntiCoagulants and antiepileptic drugs (INTER-DOAC): a prospective observational study
Roberta Pancani (PISA, Italy), Chiara Pizzanelli, Margherita Biagini, Paolo Chiarugi, Monica Casini, Paola Francesca Capozza, Giacinta Guarini, Lucia Malloggi, Gabriele Siciliano, Raffaele De Caterina, Laura Carrozzi, Alessandro Celi

Evaluation of the effects of serum biomarkers and echocardiography on survival in pulmonary thromboembolism with a survival analysis based on real-life data.
Nesrin Öcal (Ankara, Turkey), Burcu Ozturk Sahin, Esra Yuksel, Cansu Yaman, Latif Alperen Ozdemir, Deniz Yaylagul, Sabiha Ercan, Selin Varisli Duman, Elif Gundogan, Ebru Ozturk, Yakup Arslan, Deniz Dogan, Canturk Tasci

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Real-world study on the efficacy and safety of rivaroxaban for extended anticoagulation in pulmonary embolism (XAPEC-EXT)
Zhenguo Zhai (Beijing, China), mengjie Duo, Bingzhang Zou, Zhu Zhang

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Association between Insulin Resistance and Risk, Prognosis of Venous Thromboembolism: Insights from UK Biobank and Mendelian Randomization Analysis
Bingzhang Zou (Beijing, China), Haobo Li, Zhu Zhang, Zhenguo Zhai

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Management of Clinically Relevant Bleeding and Recurrent Venous Thromboembolism (VTE) in Patients with VTE and Cancer: A Cohort Study
Sergio Lopez Ruz (Sevilla, Spain), Victor García García, Maria Barca Hernando, Carmen Rosa Linares, David Gutierrez Campos, Luis Jara Palomares

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Validation of ICD-10 Algorithms for the Accurate Identification of Pulmonary Embolism
Sergio Lopez Ruz (Sevilla, Spain), Carmen Rosa Linares, Maria Barca Hernando, Victor Garcia Garcia, David Gutierrez Campos, Luis Jara Palomares

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PS-9 Session 12:30 - 14:00

Poster session: Metabolic pathways in lung diseases

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases | Thoracic oncology | Respiratory critical care

Method(s) : Cell and molecular biology | Epidemiology | Physiology | General respiratory patient care | Imaging | Pulmonary function testing | Respiratory intensive care

Chairs : Charalambos Michaeloudes (Nicosia, Cyprus), XINHUI WU (Winnipeg, Canada)

Cholesterol is more than an innocent bystander in pulmonary fibrosis
Marissa O'Callaghan (County Cork, Ireland), Lucas Dantas, Ediga Harshavardhana, Evelyn Lynn, Aurelie Fabre, Elizabeth F Redente, James P. Bridges, Satish Madala, Michael Keane, Elizabeth J Tarling, Cormac Mccarthy

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LRP1 DEFICIENCY CHANGES LIPID METABOLISM AND AGGRAVATES LUNG FIBROSIS
Malgorzata Wygrecka (Gießen, Germany), Lukasz Wujak, Valentina Biasin, Stefan Hadzic, Rubio Karla, Thomas Eichmann, Wolfgang Sattler, Stefan Günther, Ioannis Alexopoulos, Guillermo Barreto, Olivia Merkel

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Discovery of anti-fibrotic metabolite-sensing G protein-coupled receptors in human lung fibroblast; GPR40 agonist attenuates fibroblast activation and EMT via inhibition of TGF-β receptor signaling.
Aekkacha Moonwiriyakit (Bangkok, Thailand), Janjira Prasomthong, Chatchai Muanprasat

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Identification of HSPG2 as a key gene modulating fatty acid metabolism in chronic thromboembolic pulmonary hypertension through multi-omics analysis
Lu Sun (Beijing, China), Xincheng Li, Han Tian, Jixiang Liu, Xiaofan Ji, Shiqing Xu, Peiran Yang, Zhenguo Zhai, Chen Wang

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Phytosphingosine alleviates cigarette smoke-induced bronchial epithelial cell senescence in experimental COPD by targeting FFAR4
Yuan Zhan (Chongqing, China)

Retinoic acid metabolism inhibits the activation of fibroblasts and the progression of idiopathic pulmonary fibrosis by activating the RA/RAR-RXR/NRF2 signaling axis
Yang Wang, Shenghui Li, Xiucheng Liu, Chang Chen

Airspace monocytes can be metabolically targeted to improve phagocytosis in lung myeloid cells.
Laura Gleeson (, Canada), Karen Slattery, Aisling Newing, Suzanne Cloonan

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Extracellular vesicles mediate macrophage dysfunction and metabolic reprogramming in idiopathic pulmonary fibrosis
Charlie Mafham (Birmingham, United Kingdom), Katie Spencer, Ellen Jenkins, Louise Crowley, David Thickett, Dhruv Parekh, Aaron Scott, Rahul Mahida

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Hypoxic conditions alter alveolar macrophage metabolism and function: implications for lung fibrosis
Ellen Jenkins (Birmingham, United Kingdom), Katie Spencer, David Thickett, Dhruv Parekh, Aaron Scott

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Association of Pulmonary Function, Gut Microbiota, and Amino Acid Metabolism in COPD Patients.
Durdona Saipova (Tashkent, Uzbekistan)

Metabolic activity of alveolar macrophages in bronchoalveolar lavage fluid in interstitial lung disease.
Takafumi Yorozuya (Sapporo, Japan), Atsushi Saito, Tatsuya Sato, Miki Yamaguchi, Masami Kameda, Yuji Sakuma, Koji Kuronuma, Hirofumi Chiba

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Modulating the Lipofibroblast-to-Myofibroblast transdifferentiation: role of perilipin-1 (PLIN1) in lung fibrosis.
Elena Ortiz Zapater (Valencia, Spain), Miriam Martínez-García, Jose Antonio Fernández-Pérez, Diego Argilés, Juan R Viña, Rosa Zaragozá

Adipose tissue deposition in lungs of patients with IPF
Wenying Lu (Newnham, Australia), Affan Mahmood Shahzad, Josie Larby, Maddison Waters, Melinda Wilson, Jade Jaffar, Glen Westall, Darren Sutherland, Greg Haug, Tillie L Hackett, Sukhwinder Singh Sohal

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Individualized serum proteomic and metabolomic analyses identify molecular features for phenotyping chronic obstructive pulmonary disease
Chia-Li Han (Taipei, Taiwan), Wen-Yi Liu, Pei-Yu Hu, Kuan-Yuan Chen, San-Yuan Wang, Kang-Yun Lee

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Fibroblasts and epithelial cells display conserved alterations in metabolic pathways in IPF
Sarah H. Forde (Dublin, Ireland), Julie C Worrell, Atia Batool, Megan Mckean, Niamh Boyle, Donal O'Malley, Helen O'Brien, Lisha Joshi, Kathryn Duvall, Madita Hovel, Christina Michalaki, Emily Calamita, Michael P. Keane, Philip L. Molyneaux, Cormac Mccarthy, Adam J. Byrne

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Urine metabolomics and its correlation with FeNO in early school-aged children in the assessment of asthma for epidemiological purposes.
Kamil Barański (Katowice, Poland), Małgorzata Farnik, Małgorzata Kimsa-Furdzik, Bartłomiej Nowak, Piotr Nakiela, Jan Zejda, Grzegorz Brożek

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Mitochondrial RNA modification rewires macrophage glutamine metabolism to promote septic ARDS
Lunxian Tang (Shanghai, China), Fanyu Kong, Jinlu Ji, Dongyang Zhao, Chunxue Wang

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Exploring cachexia in COPD and NSCLC: AI-driven body composition and transcriptomics analysis
Luca Peschkes (München, Germany), Thomas Melzer, Jeremias Götschke, Diego Erich Kauffmann-Guerrero, Pontus Mertsch, Amanda Tufman, Jan Halberstat, Elias Primerano, Leticya Melo, Jürgen Behr, Theodore S Kapellos

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Human lung fibroblast polyamine metabolism is modulated through calcium-sensing receptor in autocrine manner
Polina Yarova (Newcastle upon Tyne, United Kingdom), Kasope Wolffs, Renjiao Li, Renata Z. Jurkowska, Harry Karmouty-Quintana, A. John Simpson, Jeremy P.T. Ward, Christopher J. Corrigan, Daniela Riccardi

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The amino acid glycine attenuates airway hyperresponsiveness associated with T2 asthma
Amlan Chakraborty (Manchester, United Kingdom), Aleina Alex, Vishvangi Deugi, Minhui Zhong, Fariha Khanom, Angela Simpson, Benjamin Gaston, Julie Gibbs, Magdalena Plebanski, Hannah Durrington

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PS-14 Session 12:30 - 14:00

Poster session: Comorbidities in COPD

Disease(s) : Airway diseases | Sleep and breathing disorders | Thoracic oncology

Method(s) : Epidemiology | Public health | General respiratory patient care | Pulmonary function testing | Physiology | Imaging

Chairs : Chair to be confirmed

The interplay between COPD and chronic heart failure within individual patients: A personalised approach
Sanne H B van Dijk (Enschede, Netherlands), Marjolein G J Brusse-Keizer, Stéphanie M Van Den Berg, Carine J M Doggen, Anke Lenferink

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Small airway disease and coronary artery disease in COPD: Bayesian interim analysis of the ARCADIA study
Paola Rogliani (Roma (RM), Italy), Dejan Radovanovic, Pierachille Santus, Fabrizio Luppi, Mauro Maniscalco, Giulia Scioscia, Elena Bargagli, Claudia Crimi, Pietro Pirina, Mariaenrica Tiné, Stefano Centanni, Giovanna Elisiana Carpagnano, Gianluca Imeri, Salvatore Battaglia, Francesco Tursi, Fulvio Braido, Marco Mantero, Angelo Corsico, Marina Aiello, Luigino Calzetta

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FoxP3+ Regulatory T Cells in COPD and LC: a potential bridge between the two disease conditions
Raffaella Pagliaro (Alvignano, Italy), Erica Pimonte, Sara Bruzzaniti, Ilaria Di Fiore, Antonella Castiglione, Lavinia Izzo, Giuseppe Luciano, Dario Duranti, Giulia Adinolfi, Antonio D'Orologio, Chiara De Falco, Fabio Perrotta, Francesco Perna, Mario Galgani, Andrea Bianco

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Should comorbidities be introduced in the Rome proposal for classification of ECOPD?
Lorenzo Pasquale Lombardo (bologna, Italy), Mariano Reginato, Federico Baraldi, Michele Schincaglia, Tommaso Bigoni, Antonio Ursitti, Brunilda Marku, Alberto Papi

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Chronic obstructive pulmonary disease with and without rheumatoid arthritis: severe exacerbations, pneumonia and death in a population-based cohort
Charlotte Hyldgaard (Åbyhøj, Denmark), Barbara Bonnesen, Anna Kubel Vognsen, Pradeesh Sivapalan, Josefin Eklöf, Alexander Jordan, Tobias Klausen, Elisabeth Bendstrup, Torkell Ellingsen, Jens-Ulrik Stæhr Jensen

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Cost burden of multimorbidity in COPD patients in Singapore
YAH RU JUANG (Singapore, Singapore), Laura Huey Mien Lim, Kelvin Bryan Tan, Mariko Siyue Koh, Mei Fong Liew, Hui Fang Lim, Pei Yee Tiew, Anthony Chau Ang Yii, David Hsien Yung Tan, Wenjia Chen

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Predictive Value of Composite Comorbidity Assessment Indices (Charlson, COTE, COPDCoRi and Comorbidome) in Stratifying COPD Patients by Severity
Ecaterina Iavrumov (Chisinau, Republic of Moldova), Alexandru Corlateanu

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Cardiac markers in COPD comorbidity with sleep apnea hypopnea syndrome
Irina Liverko (Tashkent, Uzbekistan), Elnorahon Abduganieva, Xayrullo Rajabov

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Role of COPD in the deterioration of renal function in hypertension
Olha Boiko (Dnipro, Ukraine), Victoriya Rodionova

Effect of BMI on disease severity and sarcopenia in stable COPD patients
Burcu Arpinar Yigitbas (Istanbul, Turkey), Hazal Karadağ, Nilufer Tekin, Esra Yazar, Sacit Icten

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Impact of Diabetes control on COPD Acute Exacerbations
Imen Touil (Mahdia, Tunisia), Barka Abir, Ksissa Souhir, Naouar Raoua, Ben Salem Wafa, Ben Abdallah Saoussen

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Cardiac arrhythmias during community treated COPD exacerbations
Sam Bartlett-Pestell (London, United Kingdom), Mark Ogden, Brian Chong, Ralph Lopez, Aaron Braddy-Green, Hassan Shahbakhti, Jordina Mah, Apolline Marion, Lydia J Finney, Luana Alves Moreira, Hana Mullerova, James P Allinson, Tom Wong, Jadwiga A Wedzicha

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Linking Chronic Bronchitis to Small Airway Dysfunction in severe COPD
Nikolaos Lazarinis (Stockholm, Sweden), Amalia Panagiotou, Patricia Ramos-Ramirez, Elga Bandeira, Anna Ehlin, Anna Ridderby, Nikolaos Pournaras, Apostolos Bossios, Anders Lindén

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Pheno-endotyping small airway disease in patients with COPD
Eustachio Ricciardi (Bari, Italy), Marianna Cicchetti, Marta Tornesello, Rossella Novielli, Maria Rosaria Vulpi, Fabrizio Diaferia, Carla Santomasi, Andrea Portacci, Vitaliano Nicola Quaranta, Alessandro Palumbo, Silvano Dragonieri, Giovanna Elisiana Carpagnano

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GOLD Staging and Comorbid Burden in COPD: Insights from a Retrospective Cohort Study
Sobia Chaudhary (Northwood, United Kingdom), Sandeep Kaul

Increased Risk of Suicide Among Individuals with Chronic Obstructive Pulmonary Disease: A Nationwide Cohort Study in Korea
Sang Hyuk Kim (Seoul, Republic of Korea), Ji-Yong Moon, Taehee Kim, Jin-Hyung Jung, Kyungdo Han, Kyung Hoon Min, Hyun Lee

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Cognitive impairment in patients with COPD
Tehreem Ahmad (Karachi, Pakistan), Asma Arman

Physical, Psychological, and Social Status of COPD in north Indian population
Ajay Kumar Verma (Lucknow (Uttar Pradesh), India), Anuj Kumar Pandey, Arpita Singh, Jyoti Bajpai, Surya Kant, Santosh Kumar

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Risk factors associated with PRISm and COPD
Krista Kayron George (Taipei, Taiwan), Jer-Hwa Chang, Hsiao-Chi Chuang

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Effect of severe acute exacerbations of COPD on cardiovascular morbidity and mortality in clinical practice
Marina Acebo Castro (Oviedo, Spain), Claudia Mañana Valdés, Marta Íscar Urrutia, Isabel Martínez González-Posada, María Rodil Riera, Paloma Fernández Antuña, Rocío López Amaro, Marta María García Clemente

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PS-2 Session 12:30 - 14:00

Poster session: Current clinical problems in respiratory medicine II

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders | Interstitial lung diseases

Method(s) : General respiratory patient care | Epidemiology | Imaging | Pulmonary function testing | Public health | Cell and molecular biology | Physiology | Pulmonary rehabilitation

Chairs : Winifred Broekman (Leiden, Netherlands), Georgios Kaltsakas (Athens, Greece)

Particularities of COPD in Tunisian women
Asma Knaz (Sousse, Tunisia), karim felhi, Imen Gargouri, Sana Aissa, Iteb Benlimem, Baraa Benbdira, Asma Omrane, Ahmed Abdelghani

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Modeling the decline of physical activity preceding acute exacerbations of COPD
Florent Baty (St. Gallen, Switzerland), Matteo Lombreschi, Maximilian Boesch, Martin Brutsche, Frank Rassouli

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Structural pulmonary abnormalities in adults born with esophageal atresia warrant lifelong follow-up
Stephanie Wintels (Rotterdam, Netherlands), Julian Van De Ven, Lidewij Visser, Arnold Duinisveld, Pierluigi Ciet, Hanneke Ijsselstijn, Rene Wijnen, John Vlot, Lieke Kamphuis

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A systematic review of clinical signs and symptoms in large airway collapse(LAC)
Chelliah Paramasivan (Cambridge, United Kingdom), Jamie Forrester, Robin B Gore, Peter B Jones

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Benefits of Whey Protein Supplementation: Beyond Skeletal Muscle Reaching Lung Function and Immune Response in Older Adults without COPD
Rodolfo P Vieira (Anápolis, Brazil), Meiry Souza Moura-Maia, Rosa Helena Ramos Paula-Vieira, Anamei Silva-Reis, Eduarda Teodora Rachid-Wolp, Naiara Nadia Moreira-Silva, Andre Luis Lacerda Bachi, Luis Vicente Franco De Oliveira, Yanesko Fernandes Bella

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Untargeted Metabolomics Uncovers Disturbed Gut Microbial Tryptophan-indole Metabolism in the Development of COPD
Yun Liu (Xi'an, China), Dan Wang

Obesity and COPD: more than just a comorbidity
Nataliia Sanina (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Tamara Turlyun

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Breathing retraining for dysfunctional breathing in children results in objective improvements in breathing patterns accompanied by significant improvements in quality of life
Nicki Barker (Sheffield (South Yorkshire), United Kingdom), Heather Elphick, Lowri Thomas, Mark Everard

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The multidimensional impacts of chronic breathlessness in younger people: a nationally-representative population survey
Vanessa Brunelli (New South Wales, Australia), Sungwon Chang, Slavica Kochovska, David Currow

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Investigation of characteristic exhaled volatile organic compounds in chronic obstructive pulmonary disease patients
Yaoxi Chen (Chengdu, China), Yingying Chai, Yuan Wang, Yuanjie Li, Jing Ren, Zhixin Qiu

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Educational needs of people with COPD and ILD: insights from the Lung Information Needs Questionnaire
Ana Rita Costa Pereira (Torreira, Portugal), Maria Aurora Mendes, Pedro Viegas, Joana Gomes, Tânia Pinho, Raquel Vilar Marinho, Alda Marques

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The relationship between radiological features of DIPNECH, and clinical symptoms and physiology
Marissa O'Callaghan (County Cork, Ireland), Helen O'Brien, Sarah H Forde, Wieneke Buikhuisen, Maitreiyi Penugonda, Remi Diesler, Hussein Almeamar, Bilal F Samhouri, Jay H Ryu, Cottin Vincent, Marcel Veltkamp, Effrosyni D Manali, Angeliki Lazaratou, Spyrios A Papiris, Francesco Bonella, Laurie Carr, Camille Taille, Francis X Mccormack, Nishant Gupta, Jonathon Strosberg, Filippo M Lococo, Sergio Harari, Demosthenes Bouros, Ilias Dimeas, Lykourgos Kolilekas, Zoe Daniil, Fernanda Hernandez, Paolo Spagnolo, Sean Quinn, Donal O'Shea, O'Toole Dermot, Aurelie Fabre, Rachel Crowley, David Murphy, Adam J Byrne, Michael Keane, Alessandro Franciosi, Ludovic Fournel, Cormac Mccarthy, Cormac Mccarthy

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Prognostic Value of Nutritional and Clinical Severity Scores in COPD Exacerbations: The Impact of Prognostic Nutritional Index (PNI) and DECAF on In-Hospital and 90-Day Mortality
Ozge Aydin Guclu (Bursa, Turkey), Nilüfer Aylin Acet Öztürk, Mine Tül Yaman, Aslı Görek Dilektaşlı, Ezgi Demirdöğen, Ahmet Ursavaş, Funda Coşkun, Esra Uzaslan, Mehmet Karadağ

The effect of frailty syndrome on kinesiophobia in patients with COPD
Nisanur Tutus (İstanbul, Turkey), Esra Pehlivan, Elif Yıldırım, Yağmur Aydogdu, Ipek Özmen

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Triple disease syndrome
Marine Petrosyan (Yerevan, Armenia)

Lung function trajectories across airway diseases
Rosa Faner (Barcelona, Spain), Awa Diop, Ulla Møller Weinreich, Alvar Agusti, Alberto Papi, Helen K. Reddel, Hana Müllerová, Rod Hughes

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The burden of unexplained dyspnea
Nathalie Bautin (Lille cedex, France), Anissa Reguig, Clémence Remy, Lidwine Wemeau, David Montaigne, Thierry Perez, Cécile Chenivesse

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Associations and outcomes of chronic obstructive pulmonary disease (COPD) in patients with psychiatric comorbidities: systematic review and meta-analysis
Sulaiman Alsaab (Riyadh, Saudi Arabia), Michael Newnham, Hayyaf Aldossary, Abdullah Albukhary, Amanda Farley

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Alpha-1 Antitrypsin Deficiency-associated Panniculitis: a Survey of Lived Experience
Reem Alluhibi (London, United Kingdom), Jaiden Townsend, Nicky Lynch, Richard Woolf, Aileen Marshall, David Lomas, John Hurst

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COPD patients are unable to subjectively recognize their objective disorders and its changes.
Tomomasa Tsuboi (Joyo, Japan)

PS-1 Session 12:30 - 14:00

Poster session: Advances in airway management: from asthma to COPD and beyond

Disease(s) : Airway diseases

Method(s) : Public health General respiratory patient care Pulmonary function testing Epidemiology Pulmonary rehabilitation

Chairs : Thérèse Lapperre (Edegem, Belgium), Rocco Francesco Rinaldo (Torino (TO), Italy)

Voice Analysis in Asthmatic and Healthy Individuals: A Comparative Assessment of Asthma Control Levels Using Machine Learning Models
Alagöz Neval (Istanbul, Turkey), Mehmet Uysal, Murat Gezer, Elif Yelda Niksarlioglu

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Impact of sex differences in obesity metrics on lung function decline and exacerbation rates in asthma and/or COPD
Rod Hughes (Sheffield (South Yorkshire), United Kingdom), Awa Diop, Hana Müllerová, Eleni Rapsomaniki, Maria G. Belvisi, Rosa Faner, Helen K. Reddel, Ulla Møller Weinreich

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Postural balance and falls in older adults with asthma: a controlled cross-sectional study with follow-up
Celso Ricardo Fernandes de Carvalho (São Paulo (SP), Brazil), Bruhna Schwambach, Fabiano Francisco Lima, Caroline Maschio De Censo, David Halen Araújo Pinheiro, Barbara Aparecida Teodoro Alcântara Verri, Vitoria Zacarias Cervera, Yan Anderson Pires Oliveira, João Victor Hermógenes Souza, Patrícia Puccetti Pires, Rosana Câmara Agondi, Regina Maria Carvalho-Pinto

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Sex differences in symptoms and exacerbation rates relative to lung function trajectories in asthma and/or COPD
Rod Hughes (Sheffield (South Yorkshire), United Kingdom), Awa Diop, Hana Müllerová, Eleni Rapsomaniki, Maria G. Belvisi, Rosa Faner, Helen K. Reddel, Ulla Möller Weinreich

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Management of asthmatic crisis in the emergency department: What is our usual clinical practice?
Stephany Ivonne Briones Alvarado (Madrid, Spain), Carlos Luis Sarango Parrales, Jose Daniel Cordero Marquez, Angela Peñaloza, Rafael Gregorio Marulanda Melo, Angelica María Quito Parra, Tinixara Hernandez Hernandez, Walther Ivan Giron Matute

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Extrapulmonary adverse event following biologics in the older population
Zoe Chan (leeds, United Kingdom), Ian Clifton, Rashad Salman

Adherence to Inhaler Devices and it's Impact on COPD Assessment Test and Asthma Control Test in India
Samruddhi Bhalare (Pune, India), Shital Patil, Akashdeep Singh, Gaurav Singhal, Souvik Sarkar, Honney Sawhney, Babaji Ghewade, Amitkumar Dave, Indranil Haldar, J. Ram, Anil Mendiratta, Malay Sarkar, Aruna Kumari Badam, Saurabh Karmakar, Saibal Moitra, Praveen Valsalan K, Aditya Jindal, Sahebrao Toke, Gayathri Devi H.J, Arti Shah, Tarang Kulkarni, S. Balamurugan, Supriya Phadnis, Sapna Madas, Deesha Ghorpade, Snehal Kulkarni, Mangesh Chandolkar, Abhishek Sabale, Jagruti Yenpure, Meghna Gajul, Meena Lopez, Swapna Nair, Vaishali Naik, M. Senthilnathan, Jaideep Gogtay, Sundeep Salvi

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Asthma in EGPA: insights before widespread use of biologic therapy
Justyna Fijołek (Warszawa, Poland), Paweł Bujnowski, Dariusz Gawryluk, Elzbieta Wiatr

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Evolution and factors associated with presenteeism in severe asthma after treatment with biologics
Justine Subocz (Lille, France), Thomas Stoup, Jonathan Giovannelli, Arnaud Bourdin, Laurent Guilleminault, Gilles Devouassoux, Philippe Bonniaud, Alice Gicquello, Camille Taillé, Naji Khayath, Amel Boudjemaa, Jeanne-Marie Perotin-Collard, Florence Hennegrave, Juliette Chabrol, Pascale Martin, Camille Rolland-Debord, Juliette Verhille, Nicolas Just, Cécile Chenivesse

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Trends in asthma between 2016 and 2022 in Turkey: a nationwide retrospective cohort study across entire adult population
Kurtuluş Aksu (Ankara, Turkey), Gurgun Tugce Vural Solak, Naim Ata, Mustafa Hamidullah Türkkanı, Mustafa Mahir Ulgu, Suayip Birinci, Funda Aksu

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Excessive dynamic airways collapse post COVID-19 in patients with asthma: a case series
Matthew Martin (Nottingham (Nottinghamshire), United Kingdom), Samuel Kemp, Reza Nouraei

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Impulse Oscillometry and Spirometry in Detecting Small Airway Disease in Children with Asthma
Marina Attanasi (Chieti (CH), Italy), Massimiliano Raso, Duilio Petrongari, Beatrice Ciccone, Paola Di Filippo, Sabrina Di Pillo, Francesco Chiarelli

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Discriminative Accuracy of the Simplified Spirometry for Identifying Chronic Obstructive Pulmonary Disease in Community
Fan Wu (Guangzhou, China), Gaoying Tang, Yumin Zhou, Pixin Ran

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The Impact of Extreme Heat Waves and Air Pollution on the Prognosis of Chronic Airway Diseases
Tugce Karamustafalioglu (Mersin, Turkey), Eylem Sercan Ozgur, Sibel Nayci

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Identification of clinical and physiological factors associated with sputum levels from a real-life prospective cohort of stable COPD patients.
Laurent MORIN (Montpellier, France), Jean-Christian Borel, Nathalie Arnol, Bernard Aguilaniu

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Trends in management of mild asthma in India: Results of TRACE survey
Sonia K. Dalal (Baroda (Gujarat), India), Harjit Dumra, Swapna Nair, Vaishali Naik, Meena Lopez, M Senthilnathan, Jaideep Gogtay

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The Use of Biologics in Severe Asthma in a Diverse Population: The Bradford Experience
Erin Bennett (Bradford, United Kingdom), Anja Henning, Karen Regan, Peter Vivian, Dinesh Saralaya

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Demographic and clinical data of an asthma patient cohort from a speciality unit of a tertiary care hospital in Sri Lanka.
Vipula Bataduwaarachchi (Colombo, Sri Lanka), Mathura Thanabalasingam, Nathasha Dias, Nayana Heendeniya, Yamuna Rajapakshe, Lakmali Amarasiri, Rishikesavan Suntharalingam, Ravini Karunathilake

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Integrating Bilingual Community Healthcare Educators into a Nurse led Model of Asthma Care to improve outcomes in Culturally and Linguistically Diverse communities
Lata Jayaram (Melbourne (VIC), Australia)

Adherence to biologics in asthma, an old-new problem. A survey from Latin America
Gabriel García (City Bell, Argentina), Ana Stok, Carmen Cano, Ignacio Zabert, Natalia Garcia, Adrian Rendon

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PS-3 Session 12:30 - 14:00

Poster session: The next big trials: insights from qualitative and feasibility studies

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Public health | Pulmonary function testing | Palliative care | Surgery

Chairs : Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom), Chair to be confirmed

Hybrid home-based pulmonary rehabilitation programme after an exacerbation-related hospitalisation: a qualitative study reporting the perspectives of people with COPD
Sarah Gephine (Pérenchies, France), Elise Meto, Olivier Le Rouzic, Robert Launois, Jean-Marie Grosbois

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A mixed-methods feasibility study of Hybrid-Pulmonary Rehabilitation
Timothy O Jenkins (London, United Kingdom), George Edwards, Suhani Patel, Claire Nolan, Karen Ingram, Stuart Clarke, Helen Lammin, Puja Trivedi, Callum Glen, Karen Hayden, Lindsey Cook, Carmel Moore, Pamela Knight, Festus Meshe, Graham Ball, William Man

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The Impact of a Holistic Rehabilitation Nursing Intervention on Pulmonary Function and Quality of Life in Elderly Patients with COPD
Xin Zhong (Changchun (Jilin), China), Hongjing Lin, Xueli Zhang, Zeyu Qin

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Training pulmonary rehabilitation (PR) teams to recruit and train lay health workers to promote adherence to PR: Assessing training delivery and receipt
Patrick T. White (London, United Kingdom), Gill Gilworth, Emma Godfrey, Arietta Spinou, Benjamin Odin, Katherine Harris, Jessica Kawalek, Natalie King, Toby Morgan, Simon Lewin, Stephanie Taylor, Nicholas Hopkinson, Julia Fox Rushby, Salma Ayis, Leslie Hamilton

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Recruiting and training COPD patients as lay health workers in pulmonary rehabilitation to promote uptake and adherence to PR: the experience of PR staff and patients.
Patrick T. White (London, United Kingdom), Gill Gilworth, Benjamin Odin, Rebecca Mackenzie, Riddhi Daryanani, Katherine Harris, Natalie King, Jessica Kawalek, Emma Godfrey, Arietta Spinou, Simon Lewin

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Breathing Better for Longer: Outcomes at 12 months for a multidisciplinary, home-based breathlessness intervention service targeting patients with chronic obstructive pulmonary disease (COPD)
Belinda Cochrane (Sydney (NSW), Australia), Mohmedsaqib Akhunji, Wei Xuan, Jonathan Lee, Tracy Smith, Sheree Smith, Soo Wei Foo, Teresa Kemp

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Understanding and addressing the barriers to COPD awareness and rehabilitation in India: A contemporary review with an international case study
Alma Sato (Limassol, Cyprus), Prakruthi Kumar, Aparna Venkatesan, Halima Ibrahim, Vivekhan Raja, Yee Siew Lim, Shraddha Gupta, Jeenal Bajaj, Kavyesh Vivek, Mallika Mittal, Madhav Sharma, Arpita Meher, Hester Lacey, Nityanand Jain

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Feasibility and effectiveness of a home monitored rehabilitation intervention using an exergaming approach – a randomized, controlled clinical study.
Edvin Diskin Wetter (GÖTEBORG, Sweden), Maria Bäck, Anna Ridderstolpe, Lowie E.G.W Vanfleteren

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Group-based or individual delivery of rehabilitation after surgery for non-small cell lung cancer - satisfaction and barriers
Mette Kaasgaard (Nordhavn, Copenhagen, Denmark), Ole Hilberg, Anders Løkke, Erik Jacobsen, Uffe Bodtger

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Perceptions of people with asthma on pulmonary rehabilitation program: a qualitative analysis
Vitoria Zacarias Cervera (São Bernardo do Campo, Brazil), Fabiano Francisco De Lima, David Halen Araujo Pinheiro, Regina Maria Carvalho-Pinto, Christian R. Osadnik, Celso R. F. Carvalho

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Improvement of ventilatory function following rehabilitation in COPD patients: A novel program conducted in Kandy, Sri Lanka
Mathuscha Ratnasingham (Leicester, United Kingdom), Iridu Basnayake, Rasika Perera, Anoma Siribaddana

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Virtual group session fostered peer support in pulmonary tele-rehabilitation (Tele-PR)
Hoi Yee Kwan (Hong Kong, Hong Kong), Chi Fung Chan, Hiu Wa Ho, Cherry Lau, Kenneth Lam, William Ko, Iris Kong, Ryan Yiu Fai Cheng, Chin Tong Kwok, Cee Kin Tseng, Chie Wai Yim, Pui Kin Ng, Thomas Yun Wing Mok

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A qualitative study of experiences and expectations around hospital care during acute exacerbations of chronic obstructive pulmonary disease – A Health CASCADE study.
Karin Wadell (Umeå, Sweden), Qingfan An, Marlene Sandlund, Margrit Schreier, Sara Lundell

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Home-based cycling for individuals with COPD: A qualitative study on engagement and barriers
Anna Stoustrup (Gandrup, Denmark), Lars Pilegaard Thomsen, Thorvaldur Skuli Palsson, Kristina Krogh Christinsen, Ulla Møller Weinreich, Jane Andreasen

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Acceptability of SPACE for COPD© delivered as a maintenance programme following pulmonary rehabilitation discharge
Amy Barradell (Leicester (Leicestershire), United Kingdom), Jessica Lapworth, Kathryn Greenall, Israa Al-Naabi, Ala Szczepura, Man Will, Claire Nolan, Sally Singh, Linzy Houchen-Wolloff

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A qualitative arts study exploring breathlessness experiences across individual characteristics
Holly Drover (Leicester, United Kingdom), Mark W Orme, Joanne Mcallister, Lucy Gardiner, Mary Harrison, Zainab Mussa, Steven Harvey, Sally J Singh, Enya Daynes

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Telerehabilitation in a low resource setting in India: Qualitative insights from people with idiopathic pulmonary fibrosis (IPF)
Humaira Hanif (Noida, India), Sajjad Alam, Deepak Talwar, Sally Singh, Mark Orme

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Pulmonary Rehabilitation for Chronic Respiratory Diseases: Views of Healthcare Professionals and Policymakers in Bangladesh
G M Monsur Habib (Khulna, Bangladesh), Nazim Uzzaman, Sadia Sultana, Kmarun Nahar, Hilary Pinnock

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Evaluation of an unsupervised home-based pulmonary rehabilitation programme in a primary care setting in Bangladesh: a quasi-experimental single-arm study
G M Monsur Habib (Khulna, Bangladesh), Sultana Sadia, Islam Samprity, Rahman Manal, Akhter Sumaiya, Biswas Keya, Uzzaman Nazim

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Informing the PuRe Trial through systematic reviews and multi-country feasibility studies on pulmonary rehabilitation in low-resource settings
BISWAJIT PAUL (Vellore, India), Paul Jebaraj, Shadrak Ravindra, Monsur Habib, Nazim Uzzaman, Julia Patrick Engkasan, Nik Sherina Hanafi, Soo Chin Chan, Dhiraj Agarwal, Diksha Singh, Sanjay Juvekar, Sudipto Roy, Harshpreet Kaur, Vicky Hammersley, Roberto Rabinovich, Khoo Ee Ming, Hilary Pinnock

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PS-32 Session 12:30 - 14:00

Poster session: Therapeutic strategies in interstitial lung disease

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Public health Pulmonary function testing Epidemiology Cell and molecular biology Imaging

Chairs : Peter Saunders (London, United Kingdom), Ewa Miadlikowska (Łódź, Poland)

Intravenous immunoglobulin in acute exacerbations of fibrotic interstitial lung diseases: A retrospective, real-world study
Vasilina Sotiropoulou (Patras, Greece), Eva Theochari, Matthaios Katsaras, Panagiota Tsiri, Dimitrios Komninos, Ioannis Christopoulos, Georgios Tsirikos, Fotis Sampsonas, Christina Kalogeropoulou, Dimitrios Daoussis, Kyriakos Karkoulias, Argyrios Tzouvelekis

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Blood eosinophilia: possible biomarker of response to Nintedanib in Idiopathic Pulmonary Fibrosis.
Lucia Vietri (Ferrara, Italy), Mariano Reginato, Miriana D'Alessandro, Annachiara Bosio, Olga Dell'Adami De Tarczal, Alberto Papi

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Combined nintedanib and anticoagulation therapy does not increase the risk of bleeding in individuals with pulmonary fibrosis. A real world retrospective study.
Nazia Chaudhuri (Limavady, United Kingdom)

Safety and clinical impact of the concomitant use of antifibrotic drugs and anticoagulants: a single-centre retrospective study.
Alessandra Pagano (pisa, Italy), Matilde Bruni, Laura Tavanti, Francesco Pistelli, Davide Chimera, Laura Carrozzi, Alessandro Celi, Roberta Pancani

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Fostering Adherence in Ramadan for Antifibrotic Medications (FAST-AIM) - A multicentre cross-sectional study
Hira Saqib (Leicester, United Kingdom), Leila Bhadur, Ahmed Fahim, Laura Chapman, Helen Hawkes, Helen Parfrey, Irfaan Mobein, Nixon Leung, Janet Johnston, Ahmer Alikhan, Kate Newman, Karen Parson, Tia Wilson, Fasihul Khan*, Anna Murphy* * Joint Senior Authors

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Antifibrotic Drug Tolerance and Treatment Management of IPF Patients: Data from 8 Centers in the Aegean Region
Muzaffer Onur Turan (Izmir, Turkey), Erhan Ugurlu, Ozge Oral Tapan, Nurhan Sarıoğlu, Gulru Polat, Sule Cilekar, Ozgur Batum, Sule Tas Gulen

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Nintedanib vs Pirfenidone in Idiopathic Pulmonary Fibrosis: Long-Term Tolerability and Dose Adjustments in a Real-World Study
Francesca Lalla, Angelo Latella, Francesco Varone, Bruno Iovene, Luca Richeldi, Giacomo Sgalla

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Effectiveness of nintedanib in patients with IPF who develop severe gas exchange impairment: a real-world study
Stefano Levra (Moncalieri, Italy), Sara Basile, Irene Pomero, Chiara Gollinucci, Fabiana Giannoccaro, Giuseppe Guida, Elisa Arrigo, Francesca Bertolini, Vitina Carriero, Fabio Luigi Massimo Ricciardolo

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Effects of nerandomilast on pharmacokinetics of nintedanib and pirfenidone
Yichao Yu (Ridgefield, United States), Dilara Jappar, Markus Waser, Holger Henneicke

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Nintedanib combined with pirfenidone in patients with idiopathic pulmonary fibrosis (IPF) or progressive pulmonary fibrosis (PPF): a retrospective multicentre study (Combi-PF)
Elisa Martinez Besteiro (Madrid, Spain), Corentin Meersseman, Nicolas Romain-Scelle, Bruno Crestani, Sylvain Marchand-Adam, Hilario Nunes, Lidwine Wémeau-Stervinou, Raphael Borie, Julie Traclet, Claudia Valenzuela, Vincent Cottin

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Evaluation of the efficacy and safety of nintedanib in elderly patients with idiopathic pulmonary fibrosis and progressive pulmonary fibrosis.
Paolo Cameli (Siena (SI), Italy), Tommaso Pianigiani, Simona Anna Stefani, Laura Bergantini, Miriana D'Alessandro, Elena Bargagli

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Effectiveness of Nintedanib in progressive pulmonary fibrosis assessed by progression criteria. An Italian, observational, multicentre study.
Jacopo Cefalo (Milano, Italy), Simone Contino, Francesco Varone, Fabrizio Luppi, Paolo Cameli, Stefania Cerri, Mariangela Valentina Puci, Alessia Martini, Bruno Iovene, Giovanni Franco, Umberto Zanini, Benedetta Mosole, Olga Torre, Luca Richeldi, Elena Bargagli, Giovanni Sotgiu, Michele Mondoni

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Antifibrotic treatment in idiopathic pulmonary fibrosis (IPF) and progressive pulmonary fibrosis (PPF):similarities and differences
Demet Polat Yuluğ (Mersin, Turkey), Beyza Televi, Fatma Şevval Ünal, Damla Hazal Sucu, Yüksel Balcı, Sibel Naycı, Cengiz Özge, Eylem Sercan Özgür

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Impact of antifibrotic treatment on clinical outcomes in idiopathic pulmonary fibrosis patients: a real-world cohort study
Pratik Pimple (Connecticut, United States), Maria Cristina Penaloza Ramos, Martin Lavallee, Carmen Ng, Ajit A. Londhe, Michelle Van Tieghem, Bret Zeldow, Steady Chasimpha, Sue Langham, Anne L. Wilson, Yanni Fan, Madhu Kanakapura, Andrew H. Limper, Jennifer Quint

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ACE inhibitor use and mortality in idiopathic pulmonary fibrosis: A retrospective cohort study
Burcu Ozaltin (London, United Kingdom), Robert Chapman, Muhammad Qummer Ul Arfeen, Natalie Fitzpatick, Harry Hemingway, Kenan Direk, Joseph Jacob

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Gefapixant for Refractory Cough in Interstitial Lung Disease
Atsushi Saito (Sapporo, Hokkaido, Japan), Tomoyuki Takahashi, Takafumi Yorozuya, Hirotaka Nishikiori, Koji Kuronima, Hirofumi Chiba

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Antisence Oligonucleotide Silencing of Fused in Sarcoma (FUS): A Novel Therapeutic Intervention for Idiopathic Pulmonary Fibrosis
Bhavika Katariya (Giessen, Germany), Shashipavan Chillappagari, Lisa Arnold, Stefan Guenther, Yash Dasadia, Afshin Noori, Ekaterina Krauss, Clemens Ruppert, Jan Hegermann, Christoph Wrede, Konrad Hoetzenecker, Saverio Bellusci, Christian Mühlfeld, Andreas Guenther, Poornima Mahavadi

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First-in-Human Phase I Trial: the Safety, Tolerability, and Pharmacokinetics of HSK44459 in Healthy Subjects
Juan Li (, China), Bei Cao, Yuanxun Yang, Lei Huang, Tingting Ma

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High risk of myelodysplastic syndrome in patients with pulmonary fibrosis and a rare telomere related gene variant
Joanne van der Vis (Nieuwegein, Netherlands), Martijn Maus, Charlotte De Bie, Jasper Van Der Smagt, Matthijs Van Oosterhout, Jan Grutters, Coline Van Moorsel

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Heterogeneous prognosis of individuals with desquamative interstitial pneumonia
Quentin Philippot (Paris, France), Sylvain Marchand Adam, Pierre-Antoine Juge, Marie Pierre Debray, Mwetty Onanga, Sandrine Hirschi, Stéphane Jouneau, Matthieu Dubois, Jean-Francois Boitiaux, Constance Brasseur, Alice Guyard, Ibrahima Ba, Caroline Kannengiesser, Arnaud Mailleux, Madeleine Jaillet, Mathilde Le Brun, Mada Ghanem, Lidwine Wemeau, Elodie Blanchard, Hilario Nunes, Martine Reynaud-Gaubert, Grégoire Prevot, Pierre Le Guen, Philippe Bonniaud, Abdellatif Tazi, Vincent Cottin, Bruno Crestani, Raphaël Borie, . Orphalung Network

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PS-17 Session 12:30 - 14:00

Poster session: Novel biomarkers and advances in patient stratification to predict airways disease progression and responsiveness to treatments

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology Public health Pulmonary function testing General respiratory patient care Physiology

Chairs : Nikolaos Lazarinis (Stockholm, Sweden), Freda Yang (London, United Kingdom)

Correlating FeNO persistence and lung function trajectories among patients with uncontrolled asthma
Biswas Akhtar Hossain (Dhaka, Bangladesh), Yifan Zhu, Megan Hardin, David Delvart, Bina Choi, Mary N. Brown, Benjamin T. Suratt, Zhaoling Meng

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Ability of neutophil-to-lymphocyte ratio to predict asthma exacerbation severity and outcome: A prospective multicenter study
Amira Jamoussi (Ariana, Tunisia), Sirine Rhaiem, Houda Snen, Line Kaabi, Hana Mrassi, Leila Gharbi, Ines Chermiti, Manel Kallel, Najla Ben Slimene, Takoua Merhebene, Emna Rachdi, Nacef Ben Mrad, Selim Sellaouti, Samia Ayed, Jalila Ben Khelil

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Baseline characteristics of severe asthmatics in the old and new federal states of Germany
Stephanie Korn (Mainz, Germany), Tatjana Reshetnykova, Mandy Seefeldt, Katrin Milger, Dirk Skowasch, Christian Schulz, Hendrik Suhling, Rainer Ehmann, Frank Käßner, Christian Taube, Eckard Hamelmann, Marco Idzko, Roland Buhl

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Sputum Biomarker-Based Classification of Asthma by granulocytic activation markers
Takehiro Hasegawa (Hamburg, Germany), Freda Yang, Nazanin Kermani, Feng Zhao, Hanna Lunding, Katie Raby, Pank Bhavsar, Ian M Adcock, Marc Chadeau, Kian Fan Chung

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Proteomic analysis of urine revealed potential biomarkers for asthma endotype classification
Laura Martelo-Vidal (santiago de compostela, Spain), Sara Vázquez Mera, Pablo Miguéns Suarez, Francisco Javier Salgado Castro, Juan Luís García Rivero, María Cleofé Fernández Aracil, Susana Belén Bravo López, Francisco Javier González Barcala, Juan José Nieto Fontarigo

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Untargeted metabolomics reveals the metabolic profiles of allergic asthmatic children in eastern and western China
Wenting Luo (Guangzhou (Guangdong), China), Baoqing Sun

Association between triglyceride glucose index and asthma exacerbation: A population-based study
Zhou Jin (Beijing, China), Junjun Huang, Wen Sun, Jiping Liao, Jing Ma, Guangfa Wang

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Unveiling Sex-Specific Lipid-Mediator Profiles in Airways in a Comparative Study of Asthma and Bronchopulmonary Dysplasia
Nicole Wagner (Stockholm, Sweden), Benedikt Zöhere, Antonio Checa, Alessandro Quaranta, Martina Bonatti, Iryna Kolosenko, Petra Um-Bergström, Anders Lindén, Eva Berggren-Broström, Magnus Sköld, Craig Wheelock, Åsa Wheelock

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Proteomic Biomarkers for Biological Treatment Response in Severe Asthma
Bengü Çürük Gürbüz (Adana, Turkey), Burcu Saygıdeger, Meryem Köse, Melis Sardan Ekiz, Ibrahim Cagatay Karaarslan, Omur Celikbıcak, Idil Yet, Yasemin Saygıdeger

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Impact of dupilumab on type 2 inflammatory biomarkers in asthma by baseline inhaled corticosteroid dose and clinical remission status after treatment
Giorgio Walter Canonica (Milano (MI), Italy), Ian Pavord, Klaus Rabe, Guy Brusselle, William W. Busse, Arman Altincatal, Olivier Ledanois, Rebecca Gall

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Dynamics of specific IgE and clinical response to dupilumab in severe asthma
Luka Kunej (Otočec, Slovenia), Peter Kopač, Peter Korošec, Urška Bidovec-Stojković, Saša Rink, Matevž Harlander, Sabina Škrgat

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Total IgE as a biomarker in obstructive airway disease: insights from NOVELTY
Jose M. Olaguibel (Pamplona, Spain), Christer Janson, Andrei Malinovschi, Magnus Borres, Rosa Faner, Rod Hughes, Anastasios Mangelis, Hana Müllerová, Alberto Papi, Helen K Reddel

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Young smokers with higher blood eosinophil counts show elevated type 2 biomarkers in the BEACON study
Augusta Beech (Manchester, United Kingdom), Andrew Ritchie, Aaron Braddy-Green, Luana Alves-Moreira, Apolline Njm Marion, Charlotte E Bolton, Gourab Choudhury, Lorcan Mcgarvey, Elizabeth Sapey, Robert A Stockley, Tom M Wilkinson, Lydia J Finney, Julie Yates, Mirco Govoni, Paul Jones, Hana Mullerova, Kristoffer Ostridge, Jorgen Vestbo, Peter M Calverley, James P Allison, Jadwiga A Wedzicha, Dave Singh

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Real-World Evidence among COPD Patients in Japan: A retrospective analysis to investigate the disease burden of COPD patients with type2 inflammation with electronic medical record (EUROS study)
Shigeo Muro (Kashihara, Japan), Mami Orimo, Yoshinori Sunaga, Shoichiro Inoguchi, Makoto Tokuda, Masato Ishida

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Raised blood eosinophil counts are associated with high airway type 2 inflammation in chronic obstructive pulmonary disease
Sudarshan Chari (Collegeville, United States), Joanna Betts, Jeff Min, Stefanie Kolterer, Ron Chen

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Two CD4+FOXP3+ T cell subpopulations Distribution in BALF: Insights into Disease Phenotypes and Prognosis of COPD
Jia Hou (Yinchuan, China), Dan Wang, Jiale Zhao, Weirong Ma, Xinru Peng

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The effect of smoking on thymic stromal lymphopoietin levels in patients with severe COPD
Nicole Mistarz (Copenhagen, Denmark), Sigrid Nielsen, Therese Laperre, Celeste Porsbjerg, Asger Sverrild

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Extracellular vesicles from bronchoalveolar lavage fluid provide insights into the ICS treatment response in COPD
Jiahua Fang (Groningen, Netherlands), Justina C. Wolters, Karim Rafie, Changshuo Wang, Sabine Bartel, Maarten Van Den Berge, Machteld N. Hylkema

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Exploring the significance of mast cell progenitors in allergen immunotherapy
Animamalar Mayavannan (Uppsala, Sweden), Anna Sörman, Erika Mendez-Enriquez, Sara Wernersson, Christer Janson, Andrei Malinovschi, Jenny Hallgren

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Distinguishing features of chronic cough associated with long COVID identified through transcriptome profiling
caixia di (shanghai, China), Chenxu Gao, Hai Fang, Ranran Dai

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PS-23 Session 12:30 - 14:00

Poster session: Sleep, sleep-disordered breathing and chronic respiratory insufficiency in children I

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Physiology Pulmonary function testing General respiratory patient care Epidemiology Pulmonary rehabilitation Public health

Chairs : Stijn Verhulst (Antwerpen, Belgium), Chair to be confirmed

Sleep patterns and excessive daytime sleepiness among First Nations children
Chandima Karunanayake (Saskatoon, Canada), Charlene Thompson, Meera Kachroo, Donna Rennie, Warren Seesequasis, Jeremy Seeseequasis, James Dosman, Mark Fenton, Vivian Ramsden, Malcolm King, Sylvia Abonyi, Shelley Kirychuk, Niels Koehncke, Punam Pahwa

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Pediatric Sleep Hygiene Consultation: a review.
Ana Ferreira (Vila Real, Portugal), Victória Silva, Artur Vale

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Children's awareness on sleep hygiene and practices : A wake- up call
Nik Nurul Najihah Mdzlan (Kuala Nerus, Malaysia), Nurhidayah Zulkifli, Hana Maisarah Wan Jusoh, Hanis Amalina Ismail, Raihanah Mohd Zaki, Nurul Maisarah Norida, Hafizah Zainuddin

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Exploring comorbid insomnia in children with obstructive sleep apnea (COMISA)
Laurianne Coutier (Bron, France), Lisa Brunel, Marion Comajuan, Benjamin Putois, Julien Lioret, Marine Thieux, Patricia Franco, Aurore Guyon

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Relationship Between Obstructive Sleep Apnea in Children, Tonsillar Hypertrophy, and Mallampati Classification
María Aguado Agudo (Zaragoza, Spain), Alejandra Roncero Lázaro, Marta Cristeto Porras, Paula Vicente Hernando, Jorge Lázaro Galan, María Torres Muga, Mariola Breton Ruiz, Amaia Perez De Nanclares Saez, María Dolores Ramírez Martínez, Guillermo Samuel Loscertales Vacas, Denahi Alejandra Portillo Caldera, María Fernando Moreno, Carlos Ruiz Martínez

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Prevalence and determinants of emotional and behavioral problems in children with sleep disordered breathing
Ikram Nurhussen Taha (Addis Ababa, Ethiopia), Rahel Argaw Kebede

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Lung function and sleep problems among children and adolescents: The Nepal Family Cohort Study (NeFCoS)
Suman Pant (Kathmandu, Nepal), Harpal Randeva, Ioannis Kyrou, Ashesh Dhungana, Nagendra Chaudhary, Prashil Raj Dali, Paramjit Gill, Om Prakash Kurmi

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Predicting night to night variability (NTNV) in obstructive sleep apnea (OSA) screening in trisomy 21 (T21)
Alison Garde (Winchester, United Kingdom), Jonathan Ong, Jonathan James, Cathy Hill, Hazel Evans

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Mean desaturation nadir values in children with sleep disordered breathing
Michael Yanney (Southwell, United Kingdom), Omemine Kokoricha, Nicola Rowbotham, Andrew Prayle

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Association of nocturnal intermittent hypoxemia and pulse rate in infants without or with upper airway obstruction
Anastasios-Panagiotis Chantzaras (Athens, Greece), Maria Eleni Liagkaki, Angeliki Moudaki, Georgia Koltsida, Christina Kanaka-Gantenbein, Athanasios G. Kaditis

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Respiratory infections in children with cerebral palsy on long-term nocturnal CPAP.
Dhandayuthapani Rajkumar (Prenton, United Kingdom), Catherine Mcdougall, Florian Gahleitner, Steve Cunningham, Mark Gaston, Helen Sheridan, Don Urquhart

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Secretion management devices reduce hospitalizations for respiratory exacerbations in children with neurodisability
Jessica Taytard (Paris Cedex 12, France), Jerôme Pradon, Audrey Barzic, Marc Lubrano Lavadera, Géraldine Labouret, Emmanuelle Fleurence, Coline Canavesio, Sonia Khirani, Guillaume Aubertin, Sophie Denamur

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Long-term ventilatory support for children aged 0-2 years: Ten-year experience of the Tertiary Centre in Prague, Czech Republic
Vojtěch Novotný (Prague, Czech Republic), Žofia Varényiová, Eva Fürstová, Václav Koucký, Tereza Doušová

Failure of long term ventilatory support in children: definition via Delphi method, proportion and causes
Catherine Chen (Bron, France), Florent Baudin, Isabelle Pin, Guillaume Aubertin, Melisande Baravalle, Anna Beratto, Anthony Bertrand, Priscille Bierme, Plamen Bokov, Fréderic Candia, Pierrick Cros, Florence Denuzière, Benjamin Dudoignon, Brigitte Fauroux, Emmanuelle Fleurence, François Galode, Lucie Griffon, Iulia Ioan, Sonia Khirani, Géraldine Labouret, Sophie L'Excellent, Bruno Massenavette, Julie Mazenq, Delphine Micaelli, Johan Moreau, Robin Pouyau, Estelle Raminelli, Cyril Schweitzer, Andre Stagnara, Jessica Taytard, Sylvain Urien, Julie Haesebaert, Guillaume Mortamet, Eglantine Hullo, Laurianne Coutier

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PS-8 Session 12:30 - 14:00

Poster session: Innovations in acute lung injury mechanisms

Disease(s) : Pulmonary vascular diseases | Respiratory critical care | Airway diseases

Method(s) : Cell and molecular biology | Physiology | Respiratory intensive care | General respiratory patient care | Public health | Pulmonary function testing

Chairs : Raquel Guillamat Prats (Badalona, Spain)

Identification of a natural drug that covalently targeting NLRP3 alleviates sepsis-induced ARDS
Haowen Xu (Hangzhou, China), Lingxiao Xiong, Weifeng Li, Zhiyu Liang, Zhaocai Zhang

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Functional heterogeneity of lysine lactylation of RNA splicing factors in ALI/ARDS
Linfeng Wu, Renhui Huang, Changhao Ren, Shaoyuan Zhang, Jun Yin, Lijie Tan, Tian Jiang

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ZBTB7B orchestrate the macrophage pyroptosis and facilitates the inflammatory injury of septic ARDS
Lunxian Tang (Shanghai, China), Jinlu Ji, Fanyu Kong, Dongyang Zhao

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Clustering endotypes of ARDS for the outcomes
HONGLONG JI (Maywood, United States), Nan Xi, Angelos Vasilopoulos, Runzhen Zhao

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Deubiquitinase VCPIP1 modulates the activation of NLRP3 inflammasome in septic ARDS
Haowen Xu (Hangzhou, China), Weifeng Li, Yao Lin, Zhaocai Zhang

Metabolic crosstalks: upregulated PARK7 due to histone lactylation rescues inhibited FADS1/2 of endothelial cells in acute lung injury
Jian Xu (Shanghai, China), Yuhan Wang, Yuanlin Song

Phenotyping the heterogeneity of Acute Respiratory Distress Syndrome (ARDS) to test new pro-reparative treatments in human preclinical models
Tom Voisin (Montréal, Canada), Camille Boisson, Katherine Coutu-Beaudry, Emmanuel Charbonney, Damien Adam, Emmanuelle Brochiero

G-protein coupled receptor (GPR)55 deficiency protects lung damage by regulating neutrophil activation in an LPS-acute lung injury mouse model
Paula Goncalves Romeu (Badalona, Spain), Guo Li, George Shakir, Mónica Matute, Toni Marín, Marina Galdeano, Irene Aldàs, Alba Herraiz, José María Hernández, Lourdes Fluvià, Sabine Steffens, Raquel Guillamat-Prats

Artemin inhibits pulmonary inflammation of acute lung injury by inhibiting Saa3+ macrophages through HIF-1α induced glycolysis
Qiao Zhou (ShangHaiChina, China)

An evaluation of Tie2 mRNA as a potential therapeutic for ventilator-induced lung injury
Shanshan Du (Galway, Ireland), Sean Mccarthy, Claire Masterson, Juan Fandino Gomez, Ignacho Sallent, Abigial Warren, Lanzhi Liu, Daniel O'Toole

Acute Lung Injury Induced by Saturated Fatty Acid Deficiency
Tomoyuki Suzuki (Tokyo, Japan), Takao Shimizu, Hideo Shindou

HK2-Mediated Mitochondrial Glycolysis and Mitophagy Drive Hypoxic Alveolar Epithelial Injury in High-Altitude Pulmonary Edema
Bi Ran (Chengdu, China), Jun Chen, Tao Wang, Lei Chen, Fuqiang Wen

Vascular endothelial growth factor isoform VEGF165b mediates the reduction of pulmonary vascular endothelial permeability in acute lung injury
JIA DENG (Guangzhou, China), Tao Wang

Inflammation to Regeneration: The PARP1/miR-135a-5p Paradigm in Sepsis-induced Acute Lung Injury
Salman Khan (New Delhi, India), Almaz Zaki, Aman Khan, Syed Mansoor Ali

An ATP6V0C–HIF-1α positive feedback loop that aggravates acute lung injury
Yunfan Hu, Ying Wang, Renhui Huang, Changhao Ren, Linfeng Wu, Shaoyuan Zhang, Mingxiang Feng, Jun Yin, Lijie Tan, Tian Jiang

ITIH4/MALAT1 pathway mitigates the pulmonary severity of acute respiratory distress syndrome
Yu-Syuan Shih (Taipei, Taiwan), Hsiao-Chi Chuang

Endothelial Sema6A promotes acute lung injury via PlexinA2-dependent vascular leakage
Renhui Huang (Shanghai, China), Zhiwang Zhao, Linfeng Wu, Changhao Ren, Shaoyuan Zhang, Jun Yin, Lijie Tan, Tian Jiang

Toxicological Impact of Benzo[a]pyrene (B[a]P) in Airway Epithelial Cell Models (NHBE and SAEC) Cultured Under the Air-Liquid Interface (ALI): A Potential Alternative to Animal Testing
Jeong-Woong Park (Incheon, Republic of Korea), Eun Suk Son, Sun Young Kyung, Sung-Woo Park, Young Eun Lee, So Young Park, Sung Hwan Jeong

Frequent exacerbations and mucus-metabolic dysfunction characterizes an Asian subgroup with 'high-risk' COPD
Oliver Ward Meldrum (Singapore, Singapore), Pei Yee Tiew, Huiying Xu, Jayanth Kumar Narayana, Fransiskus Xaverius Ivan, John A. Abisheganaden, Sanjay H. Chotirmall

Dysbiosis caused by extreme temperature in mice lung
Zakari Abubakar (Dutse, Nigeria), Jer-Hwa Chang, Hsiao-Chi Chuang

PS-4 Session 12:30 - 14:00

Poster session: Improving outcome measurement in chronic lung disease

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Pulmonary function testing | Public health | Epidemiology

Chairs : Dennis Jensen (Montreal (QC), Canada), Alda Marques (Aveiro, Portugal)

A New Parameter in the Six Minute Walk Test; Can Distance Desaturation Index predict survival in idiopathic pulmonary fibrosis?
Nisanur Tutus (İstanbul, Turkey), Elif Yıldırım, Neslihan Siyambas, Ipek Ozmen

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Step by step: how dual-tasking affects balance in patients with severe COPD
Alexandru Florian Crisan (Timisoara (Timis), Romania), Camelia Corina Pescaru, Adelina Maritescu, Vlad Carunta, Roxana Ramona Onofrei, Emil Robert Stoicescu, Cristian Oancea

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Is the 1-minute sit-to-stand test really useful for measuring exercise-induced desaturation in patients with chronic respiratory diseases?
Elena Gimeno-Santos (Barcelona, Spain), Xavier Alsina-Restoy, Pamela Kette, Yolanda Torralba, Claudia Moreno, Lurdes Planas, Fernanda Hernandez, Isabel Blanco, Jacobo Sellares

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Validity of the FRAIL scale in COPD
Samantha Kon (Middlesex, United Kingdom), Tega Feludu, Jenni Wenneberg, Timothy Jenkins, George Edwards, Suhani Patel, William Man, Ruth Barker

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Does chair height influence the one-minute sit-to-stand test in people with chronic respiratory diseases?
Santiago Larrateguy (Paraná, Argentina), Juan Bogado, Omar Tome, Matias Otto-Yañez, Rodrigo Torres-Castro

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From perception to performance: exploring patient-reported outcomes and exercise capacity after pulmonary rehabilitation
Andreia Casimiro Daniel (Beja, Portugal), Gisela Gomes, Patrícia Martins, Maria Miguel, Marta Baião, Ana Gomes, Sílvia Rodrigues, Tiago Sequeira, Miguel Constante, Susana Clemente, Ana Rolo Duarte, Ana Borges, Filipa Todo Bom

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Responsiveness of the Kansas City Cardiomyopathy Questionnaire (KCCQ) with Pulmonary Rehabilitation
George D Edwards (Ilford, United Kingdom), Tyra T Soe, Elizabeth Fleming, Melanie Palmer, Karen A Ingram, Timothy Jenkins, Heather Probert, William D-C Man

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Excessive central airways collapse: impact of diagnosis and supportive management on healthcare utilisation
Georgina McKenna (London, United Kingdom), Patrick Kerr, Jacob Beard, Emily Bartlett, David Watchorn

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Validation of the hospital mobility scale for neurocritical patients
Adriana C. Lunardi (São Paulo (SP), Brazil), Lucas Lima Ferreira, Roberto Rodrigues Job Junior

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Physical activity profiles across the spectrum of chronic airways disease: insights from a meta-analysis
Benjamin Griffiths (Leeds, United Kingdom), Reem Alajmi, Ian Clifton, Rebecca Birch, Daniel Peckham, Oliver J. Price

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Sustained Maximal Inspiratory Pressure – A Future Prognostic Indicator in COPD Patients?
Filip Dosbaba (Brno, Czech Republic), Martin Hartman, Ladislav Batalik, Kristian Brat, Marek Plutinsky, Lawrence P Cahalin, Magno F. Formiga

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The mobile COPD Status Test (mCST) – Evaluation of health status using clinical and digital measures in COPD patients
Tessa Schneeberger (Schönau am Königssee, Germany), Marc Schmoczer, Vladimir Poliakov, Dennis Hermann, Daniela Kroll, Inga Jarosch, Rainer Gloeckl, Tanja Goetz, Markus Horneber, Joachim H. Ficker, Rembert Koczulla

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A nonexercise equation to predict oxygen consumption peak in chronic heart failure using: integrating clinical variables for prognostic assessment.
Audrey Borghi Silva (São Carlos (SP), Brazil), Samuel Montalvo, Jeffrey Christle, Jonathan Myers

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The minimal important difference of real-world digital mobility outcomes in COPD
Anja Frei (Zürich, Switzerland), Julia Braun, Michael Long, Victoria Alcaraz, Paula Alvarez, Joren Buekers, Clemens Becker, Sarah Buttery, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Heleen Demeyer, Elena Gimeno-Santos, Nicholas S Hopkinson, Anisoara Ionescu, Carl-Philipp Jansen, Alicia Josa, Sarah Koch, Dimitrios Megaritis, Parris Williams, Lynn Rochester, Ioannis Vogiatzis, Henrik Watz, Thierry Troosters, Judith Garcia-Aymerich, Milo Puhan

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Diaphragmatic excursion: Measurement of outcomes from Pulmonary Rehabilitation
Farah Madhani-Lovely (Reno, United States), Nirmala Surapaneni, Lisa Preciado, Angelica Villa, Alexis Steele-Griffin, Kristen Gurnea, John Sabol

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The impact of long-term conditions on pulmonary rehabilitation outcomes
Mary Godsal (Leicester, United Kingdom), Enya Daynes, Molly Baldwin, Nikki Gardiner, Sally J Singh, James Manifield

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Difference in opinion? mMRC scored by clinicians or patients.
Eline Bij De Vaate (Leusden, Netherlands), Hieronymus W.H. Van Hees, Nordin Dahoum, Fabiënne Klaver, Nicoletta Morelli, Peter H.C. Klijn

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Dysfunctional Breathing in Myasthenia Gravis: Preliminary Data
Rosario Di Marco (Cerda, Italy), Vincenzo Di Stefano, Filippo Brighina, Grazia Crescimanno

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IMT/PEP Applications in COPD: Multifaceted Effects from Pulmonary Function to Quality of Life
Elif Yilmazel Uçar (Erzurum, Turkey), Latifullah Jalal, Alperen Aksakal, Buğra Kerget, Ömer Araz, Leyla Sağlam

Comparing incremental shuttle walk test distances with mMRC dyspnoea grades in COPD: Developing an emphysema pathway
Kubra Boza (Hove, United Kingdom), Deji Olajide, Arun Kumar, Marc Rodriguera, Richa Singh, Ketan Patel

PS-24 Session 12:30 - 14:00

Poster session: Physiology and physiotherapy practice in paediatric respiratory disease

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Pulmonary rehabilitation Physiology Pulmonary function testing Public health Transplantation Imaging

Chairs : Riccardo Guarise (Verona, Italy), Chair to be confirmed

Factors influencing upper airway clearance in infant nasal irrigation: an exploratory study using a 3D-printed model.
Pierre Cnockaert (Brussels, Belgium), Emma Trehoux, Jeremy Patarin, Lydia Esteban, Nicolas Audag, William Poncin

Comparison of diaphragmatic mobility between prone and supine positions in preterm newborns: a pilot study
Harrison Euller (Olinda, Brazil), Armele Dornelas De Andrade, Iasmim Gusmão, Daiara Xavier, Tais Silva, Mariana Pifano, Marilia Mesquita, Thaynã Moura, Deivd Siqueira, Barbara Bernardo, Cyda Reinaux

Analysis of heart rate variability and cardiorespiratory fitness in healthy and mild-controlled asthma adolescents
Marta Amor-Barbosa (Barcelona, Spain), Monique Messaggi Sartor, Fernanda Salazar Pérez, Aida Cadellans Arróniz, David Blanco, Ana Mora Cabañero, Mariana Severo Da Costa, Robert Cilveti Portillo, Lilian Herrera Velasco, Márcio Vinícius Fagundes Donadio

The effect of an inspiratory muscle training program on functionality in adolescents and young adults with cerebral palsy.
Afroditi Evangelodimou (Peristeri - Athens, Greece), Irini Grammatopoulou, Kostas Karteroliotis, Andreas Daskalakis, Emmanouil Skordilis

Paediatric reference equations for maximal sniff inspiratory pressure: a multicentre study
Ana Lista Paz (A Coruña, Spain), Margarita Barral-Fernández, María Amalia Jácome-Pumar, Luz González-Doniz, Sonia Souto-Camba, Ane Arbillaga-Etxarri, María Antonia Ramón-Belmonte, Daniel Langer, Marta Amor-Barbosa, Guillermo Mazzucco, Pilar Bravo Cortés, Tamara Del Corral-, Rocío Martín-Valero, Carlos Llorca Cerdà, Fabiola Murcia Lillo, José Antonio Sanchez-Santos, Marina Francín-Gallego, Concepción Martín Cortijo, Esther García Delgado, Cristina Serrano Veguillas, Ana B Varas De La Fuente, Paula San José Herranz, Carolina González Montañez, Guilherme A F Fregonez, Rodrigo Torres-Castro, Mireia Pardàs Peraferrer, Jordi Vilaró Casamitjana, Ángeles Fernandez-Cadenas, Antonio T Ríos-Cortés, María José Moreno Varela, Elena Guimeno-Santos

Primary Parameter Affecting Respiratory Muscle Strength in Adolescent Idiopathic Scoliosis: Neuromuscular Activity
Fuat Gökdemir (İstanbul, Turkey), Ayse Sena Manzak Dursun, Sefa Yildirim, Nalan Capan, Resa Aydin, Akin Baskent

Combined effect of pulmonary rehabilitation and trunk control trainig in children with spinal muscular atrophy
Görkem Ata (Istanbul, Turkey), Emre Dansuk, Ayşe Nur Tunali Van Den Berg, Seval Kutlutürk Yikilmaz, Sedat Öktem

The impact of pulmonary care on quality of life in individuals with spinal muscular atrophy receiving nusinersen treatment
Görkem Ata (Istanbul, Turkey), Emre Dansuk, Ayşe Nur Tunali Van Den Berg, Seval Kutlutürk Yikilmaz, Sedat Öktem

Predictors of hospital admission in children with acute exacerbated asthma treated in the emergency room
Rafaella Xavier (São Paulo (SP), Brazil), Bruna Silva, Mariana Brityo, Alayne Yamada, Vilma Soares, Mariana Reimberg, Sandy Ferreira, Victorio Melo, Luana Lima, Joyce Liberali, Renata Barbosa

The effects of the total work during breathing on muscle strength, functional capacity, and quality of life in adolescents with bronchiectasis
Hazal Sonbahar Ulu (Ankara, Turkey), Aysen Basaran, Koray Kara, Ozgun Kaya Kara

Integration of a serious video game to positive expiratory pressure respiratory physiotherapy in pediatric patients with cystic fibrosis: a prospective study
Olivia Victoria CERUTTI-MONTEVENTI (Plan-les-Ouates, Switzerland), Silas Hardy, Fabio Balli, Tiberius Brastaviceanu, Yannick Gervais, Alexandre Larocque, Sarah Wilhelmy, The Thanh-Diem Nguyen, Sze Man Tse

Investigation of chest wall mobility and its relationship with respiratory and functional parameters in children with Duchenne Muscular Dystrophy
Ilknur Naz (Izmir, Turkey), Büşra Turgut, Yigithan Güzin

Effects of inspiratory muscle training on pulmonary function, respiratory muscle strength, and functional capacity in pediatric cancer patients
Onur Köksal (İstanbul, Turkey), Semiramis Özyılmaz, Hikmet Uçgun, Atilla Tanyeli

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Peripheral and Respiratory Muscle Changes in Infants and Children Before and After Liver Transplantation: A Pilot Study
Martins Maria Fernanda (, Brazil), Maira Cecília Simões, Gabriele Kosiak, Jaiane Vidale, Evelim Gomes

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Relationship between Respiratory Muscle Strength and Functional Performance in Early Stage Duchenne Muscular Dystrophy
Hüseyin Turgut (İzmir, Turkey), Busra Turgut, Yigithan Guzin, Ilknur Naz

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Effects of Functional Inspiratory Muscle Training Applied with Tele-Rehabilitation on Respiratory and Functional Parameters and Quality of Life in Children with Duchenne Muscular Dystrophy: A Randomized Controlled Trial
Büsra Turgut (Izmir, Turkey), Yigithan Güzin, Iilknur Naz

Examination of Factors Associated with Sleep Quality in Children with DMD
Hüseyin Turgut (İzmir, Turkey), Büsra Turgut, Yigithan Güzin, Figen Baydan, Ilknur Naz

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Immediate Autonomic Response to High-Intensity Interval Exercise in Asthmatic Children
Melissa Köprülüoglu (Izmir, Turkey), Ilknur Naz, Özge Yilmaz, Hasan Yuksel

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PHYSICAL CAPACITY, LUNG FUNCTION, AND BODY COMPOSITION IN OBESE CHILDREN COMPARED TO CHILDREN WITH ASTHMA: A CROSS-SECTIONAL STUDY
Jaiane Vidali (São Paulo (SP), Brazil), Maria Fernanda Martins, Maira Cecília Simões, Etiene Farah, Tamires Gomes, Yrani Pinto, Evelim Gomes

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RESPIRATORY ALTERATIONS IN CHILDREN AND ADOLESCENTS WITH CEREBRAL PALSY GMFCS IV-V
Bruna Varga (São Paulo (SP), Brazil), Fernanda Leal, Etiene Farah, Evelim Gomes

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PS-38 Session 12:30 - 14:00

Poster session: Peripheral pulmonary lesions

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology Epidemiology Imaging Surgery General respiratory patient care

Chairs : Erik H.F.M. van der Heijden (Nijmegen, Netherlands), Chair to be confirmed

Ultrathin versus thin bronchoscopy for peripheral pulmonary lesions: A systematic review and meta-analysis of randomized controlled trials
Mustapha Arab (Alger, Algeria), Manar Ahmad Al-Harahsheh

Feasibility of a Modified Bronchoscopic Transparenchymal Nodule Access Technique (“Essen Tunnel”) for Improving the Diagnosis of Intraparenchymal Pulmonary Lesions
Kaid Darwiche (Essen, Germany), Erik Büscher, Jane Winantea, Hanna Zellerhoff, Johannes Wienker, Marcel Opitz, Christian Taube, Faustina Funke

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Optimizing Diagnostic Strategies for Lung Cancer Using Navigation Modalities and Radial Endobronchial Ultrasound
Qi Qi (sichuan, China)

Distance guided radial EBUS for peripheral pulmonary lesions: data from brazilian cohort
Maria Clara Ribeiro (Rio de Janeiro, Brazil), Bianca Peixoto, Marcos Bethlem, Amir Szklo, Manoel Vieira, João Pedro Steinhauser

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Cryobiopsy versus r-EBUS-guided forceps biopsy for diagnosis of peripheral pulmonary lesions: a retrospective study
Safieddine DOUADI (Limoges, France), Amir Hanna, Thomas Egenod, Martin Faure, Anais Labrunie, Adrian Crutu, Chahin Medraoui, Yannick Simonneau

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Radial Endobronchial Ultrasound does not improve the Diagnostic Yield of Electromagnetic Navigation Bronchoscopy- a Randomized Controlled Trial.
Amanda Dandanell Juul (Odense S, Denmark), Arman Arshad, Alice V. Christophersen, Alexis Pulga, Pernille Kristiansen, Rana Bibi, Torben Riis Rasmussen, Ole Hilberg, Nicoline Mathiessen Andersen, Christian B. Laursen

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The utility of the PeriView FLEX needle in converting non-within the lesion to within the lesion radial EBUS findings in diagnostic bronchoscopy
Tadashi Sakaguchi (Ma Tsu Saka, Japan), Yoichi Nishii, Osamu Hataji

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Robotic Bronchoscopy for Diagnosis of Peripheral Pulmonary Lesions: Characterization of Non-Diagnostic Samples
Alejandra Yu Lee-Mateus (Jacksonville, United States), Bryan F. Vaca-Cartagena, Alanna Barrios-Ruiz, Paola Gutierrez-Gallegos, Sofia Valdes-Camacho, Mohamed I. Ibrahim, Milan Malla, David Abia-Trujillo, Bryan Husta, Linh Vu, Kelly S. Robertson, Britney N. Hazelett, Sebastian Fernandez-Bussy

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Robotic ION bronchoscopy: insights from our initial experience
Juliana Guarize (Milano (MI), Italy), Edoardo Amante, Stefano Maria Donghi, Luca Bertolaccini

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Shape-sensing Robotic-Assisted Bronchoscopy with cone beam CT for pulmonary nodules: 6-month results of first multicentre European trial
Ley Taing Chan (London, United Kingdom), Kelvin Lau, Christopher M Orton, Kire Temov, Ilecia Baboolal, Anand Tana, Al-Rehan Dhanji, Ashish Karir, Elif S Agaoglu, Justin L Garner, Aisha Kalyal, Maria Lapuente, Sarah Galope, Ines Meireles, Jennifer Moore, Eleanor Scott, Patricia Pereira, Jessica Thomas, Foteini Ttofia, Pallav L Shah

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Impact of Robotic-Assisted Bronchoscopy with Integrated Cone-Beam CT on Stage Shift in Peripheral Pulmonary Lesions at a Lung Cancer Centre
Carolin Steinack (Zürich, Switzerland), Patrick Baumgartner, Gian-Marco Monsch, Didier Schneiter, Scott Oh, Eleni Theano Samara, Isabelle Opitz, Christian Clarenbach, Silvia Ulrich, Malcolm Kohler, Thomas Gaisl

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Advanced image guidance software for CBCT navigation bronchoscopy
Inge Nicole Wijma (Nijmegen, Netherlands), Sander Langereis, William Van Der Sterren, Roel L. J. Verhoeven, Erik H. F. M. Van Der Heijden

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Radiation Dose Assessment in Fluoroscopically-Guided Radial Endobronchial Ultrasound of Peripheral Pulmonary Lesions
Sze Shyang Kho (Kuching (Sarawak), Malaysia), Ioanna Ting Yung Sim, Jessica Edward Nyangong, Kiew Siong Lau, Chan Sin Chai, Swee Kim Chan, Siew Teck Tie

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Navigation Bronchoscopy: A Multifaceted Implementation Strategy for the Minimally Invasive, Image-Guided Diagnosis of Lung Nodules
Ferhat Beyaz (Nijmegen, Netherlands), Julie E.M. Swillens, Roel L.J. Verhoeven, Rosella P.M.G. Hermens, Erik H.F.M. Van Der Heijden

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Tool-in-lesion confirmation in navigation bronchoscopy: needle based confocal laser endomicroscopy (nCLE) vs. cone-beam CT
Saskia van Heumen (Amsterdam, Netherlands), Daniel De Bruin, Johannes Daniels, Peter Bonta, Jouke Annema

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Predictors of Diagnostic Yield of Bronchoscopy in the Evaluation of Pulmonary Masses and Nodules: A Retrospective Cohort Study and Clinical Prediction Model
Kaiser Marr Cruz (Manila, Philippines), Ralph Elvi Villalobos

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Real-World Data for Identifying Predictors of Virtual Bronchoscopic Navigation Success
Erik Büscher (Essen, Germany), Kaid Darwiche, Marcel Opitz, Jane Winantea, Hanna Zellerhoff, Johannes Wienker, Sebastian Zensen, Halil Ibrahim Tazeoglu, Luca Salhöfer, Jan Niklas Büscher, Annika Hüsing, Christian Taube, Faustina Funke

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Robot-Assisted Bronchoscopy vs CT-Guided Biopsy: Weighing Safety in Pulmonary Nodule Evaluation
Alejandra Yu Lee-Mateus (Jacksonville, United States), Bryan F. Vaca-Cartagena, Alanna Barrios-Ruiz, Sofia Valdes-Camacho, Paola Gutierrez-Gallegos, Mohamed I. Ibrahim, Milan Malla, Maria Estevez, Kelly S. Robertson, Britney N. Hazelett, Bryan Husta, Linh H. Vu, David Abia-Trujillo, Sebastian Fernandez-Bussy

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Radial endobronchial ultrasound for the diagnosis of peripheral pulmonary lesions: First study from North East India
John Muchahary (Shillong, India), Vijay N Nongpiur, Pranjal Kalita, Neeta Gogoi

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Predictive factors for reduced diagnostic yield with EBUS-TBNA: when should additional techniques be considered as first-line?
Luca Riberi (Torino (TO), Italy), Letizia Valsecchi, Aleksandar Veljkovic, Davide Indellicati, Francesco Todisco, Massimo Comune

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PS-21 Session 12:30 - 14:00

Poster session: Breaking the habit: advancing tobacco cessation strategies

Disease(s) : Airway diseases

Method(s) : Public health General respiratory patient care Epidemiology

Chairs : H. Volkan Kara (Istanbul, Turkey)

Nurses' experiences of smoking and the impact on themselves and their patients
Nicola J. Roberts (Edinburgh, United Kingdom), Joanne Haws, Michaela Nuttall, Hester Butler, Helen Donovan, Christine Hancock

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What is known about nurses smoking prevalence and behaviour? A scoping review
Nicola J. Roberts (Edinburgh, United Kingdom), Sahar Khonsari, Shirley Ching, Alice Pearsons, Andrew Steven, Michaela Nuttall, Sandra Sharp, Martin Sharp, Hester Butler, Iain Atherton, Helen Donovan, Christine Hancock

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Self-reported awareness about smoking cessation among medical students , depending on their smoking status
Anzhelika Shevchuk (Kyiv, Ukraine), Vitalii Poberezhets, Anna Demchuk, Mariia Tsyben

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Medical students' perceptions about a b-learning cessation training: a cross-sectional study
Sofia Belo Ravara (Covilhã, Portugal), Jéssica Meira Lemos, Hilson Cunha Filho, Pedro Aguiar, Dongbo Fu

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Evaluation of physicians' knowledge, attitudes, and behaviors regarding electronic cigarette use
Kübra Taskaraca Karabacak (Ankara, Turkey), Fatma Bozdağ, Nurdan Kokturk

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Perceptions and understanding of e-cigarettes among non-smoking medical students: a cross-sectional study
Nazlı Zeynep Uslu (Istanbul, Turkey), Arif Ataberk Büyükyatikci, Ebru Bilir, Irem Karaman, Merih Kalamanoglu Balci

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Vaping and adolescents: results of a survey in two Pediatric Pulmonology Clinics
Giulia Bertolucci (PISA, Italy), Stefania Roncaglia, Alessandra Beni, Giulia Grillo, Michele Ghezzi, Stefania La Grutta, Maria Elisa Di Cicco

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Influence of social media channels on nicotine consumption behavior in the age group 17– 30 years
Regina Hanke (Berlin, Germany), Andreas Hoheisel, Kwan-Young Yang, Andrea Kloß, Ivan Cherrez-Ojeda, Daiana Stolz

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IMPACT OF AN EDUCATIONAL INTERVENTION ON VAPING RISKS AMONG 8TH GRADE STUDENTS
Beatriz Raboso Moreno (Madrid, Spain), Gema González Maurazos, Ángela Ruiz Calvo, Alejandro García García, María Conejero Merchán, Araceli Abad Fernández

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Effective strategies for the cessation and prevention of smoking among children and adolescents
Oksana Poberezhets (Vinnytsia, Ukraine), Sofia Borysenko, Khrystyna Volnytska, Mykola Stanislavchuk, Nadiya Rudnytska, Volodymyr Tsmok

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TUNISIAN ADOLESCENTS' USE OF CIGARETTES, E-CIGARETTE AND WATERPIPE: CLUSTERING WITH HEALTH-COMPROMISING BEHAVIORS AND MENTAL HEALTH.
Asma Knaz (Sousse, Tunisia), Sihem Ben Fredj, Rim Ghamem, Nawel Zammit, Afef Skhiri, Imed Harrabi, Ahmed Abdelghani

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Stress,tobacco and depression:a concerning trio among early-career doctors
Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Hadhemi Rejeb, Yosra Bellil, Hela Hassene, Hanene Smadhi, Leila Elfekih

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Use of tobacco and other nicotine products among physicians, dentists, and medical and dental students in Finland 2024
Maria Juusela (Kauniainen, Finland), Aleksi Hautamäki, Taja Tanner, Anna Maria Heikkinen, Kirsi Vähäkangas

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Is electronic cigarette a safer alternative? A study on electronic cigarettes consumption and its association with respiratory symptoms among university students in Hong Kong.
Shama Razzaq (Hong Kong, China), King Lun Yeung, Wei Han

Association of urban built environment characteristics with smoking behavior in adults
Panayiotis Kouis (Nicosia, Cyprus), Benjamin Weitz, Carolina Zilli Vieira, Panayiotis K. Yiallouros, Marina Neophytou, Andreas Protopapas, Petros Koutrakis, Petros Mouzourides, Angelos P. Kassianos

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Knowledge of the General Tunisian Population on Electronic Cigarettes and Their Role in Smoking Cessation
Asma Knaz (Sousse, Tunisia), Rania Bannour, Hela Salah, Baraa Benbdira, Iteb Benlimem, Asma Omrane, Imen Gargouri, Sana Aissa, Ahmed Abdelghani

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Tobacco smoking patterns in Abu Dhabi: A comprehensive analysis of trends before and after the onset of the COVID-19 pandemic.
Mohammed Al-Houqani (Al-Ain, United Arab Emirates), Zufishan Alam, Iffat Elbarazi, Budoor Al Shehhi, Maha Alsafi, Mariam Al Wahedi3, Ilfat Maarouf, Aamir Hassan

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Knowledge and perception of E-cigarette risks among university-educated Tunisians
Mayssa Chariag (Tunis, Tunisia), Soumaya Ben Saad, Amani Ben Mansour, hanine zid, Sirine Khemiri, Hafaoua Daghfous, Fatma Tritar

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The Effect of Kahramanmaras Earthquake on Smoking Behaviour of Healthcare Workers
Hande Yuce Ozdemir (Ankara, Turkey), Hayri Can Ozden, Kadir Burak Akgun, Serif Kurtulus

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The role of the National Tuberculosis Programme of Ukraine in tobacco control
Yana Terleieva (Kyiv, Ukraine), Oksana Ushakova, Olga Gvozdetska, Arianna Kravchuk, Oksana Rossovska, Olga Sakalska, Olesia Medvedieva, Alla Pyrog, Natalia Klymenko, Tetiana Synenko, Liubomyr Muliarchuk, Liudmyla Prylepina, Yurii Varchenko

PS-10 Session 12:30 - 14:00

Poster session: Sleep and sleep-disordered breathing in patients with respiratory and neuromuscular disorders

Disease(s) : Sleep and breathing disorders | Airway diseases | Interstitial lung diseases

Method(s) : Epidemiology | Public health | General respiratory patient care | Respiratory intensive care | Pulmonary function testing | Physiology

Chairs : Matteo Bradicich (Zurich, Switzerland), Stefan Mihaicuta (Timisoara (Timis), Romania)

REM sleep and respiratory problems in neuromuscular diseases
Merve Sinem Oguz (HATAY, Turkey), Gokhan Altan, Aylin Pihtili, Esen Kiyan

Sleep monitoring vs hypercapnia for early NIV initiation in amyotrophic lateral sclerosis
Alessandro Mele (Racconigi, Italy), Valentina Pennetta, Elisa Mesiti, Federica Riva-Rovedda, Marco Clari, Valerio Dimonte, Giuseppe Tabbia, Marco Bardessono, Chiara Chiappero, Giulia Anna Poggio, Rocco Francesco Rinaldo, Paolo Solidoro

The mathematical modelling of the natural history of myotonic dystrophies type 1: lung volumes and nocturnal saturation
Pietro Massone (Milano, Italy), Maria Grazia D'Angelo, Giovanni Meola, Antonella Lomauro

Meta-analysis of pressure support therapies (PST) impact on sleep parameters.
Pierre Tankéré (Lyon, France), Léa Razakamanantsoa, Charles Khouri, Maxime Patout, Emeric Stauffer, Sebastien Baillieul, Thierry Petitjean, Jean-Louis Pépin, Renaud Tamisier, Laure Peter-Derex

Association of sleep duration and insomnia with lung function: results from the swedish cardiopulmonary bioimage study (SCAPIS)
Baz Delshad (Uppsala, Sweden), Mirjam Ljunggren, Anders Blomberg, Karl Franklin, Ludger Grote, Jan Hedner, Christer Janson, Andrei Malinovschi, Magnus Sköld, Hanan Tanash, Martin Ulander, Suneela Zaigham, Xing Wu Zhou, Ding Zou, Eva Lindberg

Sleep alterations in stable COPD patients
Clara Bianquis (Saint-Prix, France), Cécile Londner, Carole Philippe, Valérie Attali, Stéphane Attard, Abdeslam Sedki, Imene Benkhelouf, Thomas Similowski, Capucine Morelot-Panzini, Isabelle Arnulf, Maxime Patout

Frequency and risk assessment of obstructive sleep apnea in patients with chronic obstructive pulmonary disease
Khayrillo Rajabov (Tashkent, Uzbekistan), Irina Liverko

Cardiovascular risk in patients with OSA-COPD (Overlap Syndrome-OVS) from the European Sleep Apnea database (ESADA): the role of Sex
Izolde Bouloukaki (Heraklion (Crete), Greece), Mafalda Van Zeller, Paschalis Steiropoulos, Ozen K Basoglu, Dries Testelmans, Johan Verbraecken, Francesco Fanfulla, Georgia Trakada, Walter T Mcnicholas, Alexandros Kalkanis, Maria R Bonsignore, Jan Hedner, Ludger Grote, Sébastien Bailly, Sophia Schiza

Cognitive outcomes in OSA alone compared to COPD/OSA overlap syndrome: a systematic review
Ahmad M Alharbi (London, United Kingdom), Nawal Alotaibi, Ömer Faruk Uysal, Roby D Rakhit, Simon E Brill, John R Hurst, Swapna Mandal

The association between obstructive sleep apnea and vitamin d deficiency in patients with chronic obstructive pulmonary disease
Khayrillo Rajabov (Tashkent, Uzbekistan), Irina Liverko

Obstructive Sleep Apnea (OSA) Treatment Effects on Chronic Obstructive Pulmonary Disease (COPD) outcomes
Sophia E. Schiza (Heraklion, Greece), Izolde Bouloukaki, Michail Fanaridis, Vaia Stamatopoulou, Eirini Vasarmidi, Irini Foteinaki, Christina Ermidou, Konstantina Lironi, George Pitsidianakis, Paschalis Steiropoulos

Overlap of obstructive sleep apnea and bronchial asthma: A bidirectional respiratory disorder
Ferdaous Yangui (La Marsa, Tunisia), Wafa Fenina, Soumaya Debbiche, Hela Cherif, Salma Mokaddem, Mohamed Ridh Charfi

Overlap between sarcoidosis and Obstructive Sleep Apnea on endothelial damage documented by capillaroscopy
Lucrezia Mondini (trieste, Italy), Liliana Trotta, Mariangela Barbieri, Luca Ruggero, Caterina Antonaglia, Francesco Salton, Marco Confalonieri, Paola Confalonieri, Barbara Ruaro

Lung Cancer and Sleep Disturbances
NADA Boutbagha (Agadir, Morocco), Hanane Ikrou, Salma Abrar, Oussama Halloumi, Selma Abdala, Hind Serhane

Monitoring Nighttime Noise in a Pulmonology Ward: Challenges and Solutions
Duarte Pinto (Matosinhos, Portugal), Pedro Amorim, Natália Martins, Sérgio Figueiredo, Filipa Correia, António Morais, Marta Drummond

Moderate to severe obstructive sleep apnea is a risk factor for severe COVID-19 – a nationwide cohort study
Mirjam Elisa Ljunggren (Uppsala, Sweden), Andreas Palm, Magnus Ekström, Josefin Sundh, Ludger Grote, Huiqi Li, Fredrik Nyberg, Össur Ingi Emilsson

Long COVID and OSA. Is there an association between iron panels and sleep apnoea in long COVID patients? A single-centre, retrospective, cross-sectional study.
Henry Hodgkins (Coventry, United Kingdom), Joanna Shakespeare, Timothy Robbins, Kamaljit Chatha

Obstructive Sleep Apnoea Phenotypes in Adults with a History of COVID-19 Infection
İPEK ÇALIK (istanbul, Turkey), Yüksel Peker

Relation of gender and COVID severity in new OSA diagnosis of long-COVID patients
Lígia Helena Pires Vicente (Portimão, Portugal), Ines Belchior, Maria José Guimarães, Jorge Ferreira, Ana Sofia Barroso, Lucía Méndes Gonzalez, Karl Cunha, Helena Chaves Ramos, Ana Rita Ribeiro, Bebiana Conde, Armin Moniri, Marta Drummond

Pre-diagnosed sleep apnea is independently associated with severe outcomes in patients with community-acquired pneumonia: results from the german competence network CAPNETZ
Thomas Bitter (Braunschweig, Germany), Matthias W. Pletz, Martin Witzenrath, Jan Rupp, Gernot Rohde

PS-35 Session 12:30 - 14:00

Poster session: Clinical studies in sarcoidosis

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Public health

Chairs : Sahajal Dhooria (Chandigarh, India), Chair to be confirmed

A Rare Coexistence: A Case of Sarcoidosis and Alpha-1 Antitrypsin Deficiency in a Single Patient
Mohammed Sahir (Coventry, United Kingdom), Andrada-Elena Singh, Alan Kan, Oli Chinazom, Lara Beatriz

The association between sarcoidosis and cancer: a single-center experience
Vittorio Lo Turco (Palermo, Italy), Giada Maria Capizzi, Giacomo Barbata, Rosangela Di Liberti, Riccardo Messina, Salvatore Battaglia, Nicola Scichilone

Incidence of malignancy after sarcoidosis diagnosis: a nationwide matched cohort study in Sweden
Elizabeth V. Arkema (Stockholm, Sweden), Nurgul Batyrbekova, Martin Larsson, Ingrid Glimelius, Susanna Kullberg

Clinical and Therapeutic differences of Sarcoid patients with and without Malignancy
Nicol Bernardinello (Trecenta (RO), Italy), Irene Begher, Elisabetta Cocconcelli, Elisabetta Balestro, Paolo Spagnolo

Sarcoidosis recurrency risk factors: a single institution retrospective analysis
Mariachiara Crescenzi (Pavia, Italy), Francesco Rocco Bertuccio, Giulia Maria Stella, Davide Piloni, Angelo Guido Corsico, Marianna Russo, Fady Tousa, Simone Cordoni, Simone Montini

Effectiveness of Infliximab in refractory sarcoidosis: exploring treatment outcomes and relapse factors
Valeria Maione (Odivelas, Portugal), Ana Dias, Leonardo Ferreira, Ana Cristina Mendes, Rita Pinto Basto, Cristina Bárbara

Effectiveness and safety of combined use of methotrexate and hydroxychloroquine in patients with refractory sarcoidosis
Ievgeniia Merenkova (Kyiv, Ukraine), Volodymyr Gavrysyuk, Yaroslav Dziublyk, Galyna Gumeniuk

Lupus pernio: a clinico-radiological study of eighteen Turkish sarcoidosis patients
Emre Yanardag (Istanbul, Turkey), Muammer Bilir, Halil Yanardag

Childhood sarcoidosis: experience of a single medical center in Turkey
Emre Yanardag (Istanbul, Turkey), Muammer Bilir, Halil Yanardag

Utility of Charlson comorbidity index in sarcoidosis : a Tunisian prospective study
Ines moussa (ariana, Tunisia), chaima baya, Hana Mrassi, Ameni Hamdi, Bacem Medini, Leila El Gharbi

Iatrogenic hypercalcemia due to vitamin D and calcium supplement intoxication
Emre Yanardag (Istanbul, Turkey), Muammer Bilir, Halil Yanardağ

Extrapulmonary features of sarcoidosis
Emre Yanardag (Istanbul, Turkey), Serhat Karadağ, Muammer Bilir

Prospective study to investigate hepatic involvement in newly diagnosed pulmonary sarcoidosis
Christoph Lederer (Heidelberg, Germany), Conrad Rauber, Jessica Seeßle, Anne Schuhn, Eldridge Limen, Franziska Trudzinski, Felix Herth, Markus Polke, Katharina Buschulte

SARCOIDOSIS AND CORTICOIDS: WHEN TREATMENT BECOMES A RISK
Ella Nemsi (Tunis, Tunisia), Berkaoui Ghada, Ben Hmida Lenda, Louhaichi Sabrine, Ammar Jamel, Hamdi Besma, Hamzaoui Agnes

Predictive factors of pulmonary fibrosis in Sarcoidosis
Ahmed Ben Saad (Monastir, Tunisia), Lobna Loued, Lobna Gallas, Rania Kaddoussi, Cyrine Ben Nasrallah, Wajih Ghribi, Saoussen Cheikh-Mhammed, Asma Sriha, Samah Joobeur, Naceur Rouatbi

PS-28 Session 12:30 - 14:00

Poster session: Fungal infections

Disease(s) : Airway diseases Interstitial lung diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Public health Respiratory intensive care Transplantation Imaging Cell and molecular biology Surgery

Chairs : Anand Shah (London, United Kingdom), Chair to be confirmed

Novel antifungal opelconazole showed no evidence of inducing a proinflammatory response following inhalation delivery for 12 weeks
Kazuhiro Ito (London, United Kingdom), Kirstie A. Lucas, Leah Daly, Pete Strong, Lance Berman

Prevalence and antifungal susceptibility of Aspergillus species in Pakistan: A Prospective study
Sana Fatima Dogar (Hadley, United States), Amina Asif, Abdul Ahad, Anum Hafeez, Muhammad Irfan Malik

Clinical Characteristics and Outcomes of Aspergillus Empyema in Adults: A Systematic Review
Takuya Akutsu (Chiba, Japan), Kazuya Tone, Akihisa Nemoto, Kentaro Chida, Shunsuke Inaki, Mina Gochi, Masamichi Takagi, Jun Araya

Aspergillus serology for optimal diagnosis and follow-up of chronic pulmonary aspergillosis.
Jeanne Bigot (Paris, France), Thomas Maitre, Charles Gibert, Sophie Thorez, Yaye Senghor, Jacques Cadranel, Christophe Hennequin, Cendrine Godet, Juliette Guitard

Health-related quality of life assessment in chronic pulmonary aspergillosis: a systematic review
Dareen Marghlani (London, United Kingdom), Aran Singanayagam, Melody Zhifang Ni, Darius Armstrong-James, Anand Shah

Real-world effectiveness of biologic therapy in Allergic Bronchopulmonary Aspergillosis
Charlotte Carter (London, United Kingdom), Irene Berrar Torre, Sophia Blackburn, Lisa Nwankwo, Tom Semple, Bhavin Rawal, Darius Armstrong-James, Pujan H Patel, Anand Shah

Allergic Bronchopulmonary Aspergillosis under Biologic Therapy: Insights from a Multidisciplinary Unit
Maria João Lúcio (linda a velha, Portugal), Patrícia Trindade, Joana Diogo, Inês Silva, Inês Barreto, Henrique Cabrita, Ana Mendes, Carlos Lopes

Chronic pulmonary aspergillosis: prognostic factors and the role of ABPA crossover
Ana Raquel Da Silva Gonçalves Afonso (Maia, Portugal), Dareen Marghlani, Mohammed Al-Ramadhan, Lisa Nwankwo, Darius Armstrong-James, Anand Shah

Surgery in patients with chronic pulmonary aspergillosis. A 15-year thoracic surgery center experience.
Maria Carolina Alves Valente (Santo Tirso, Portugal), Rita Costa, João Maciel, Adelina Amorim, Pedro Fernandes, David Barros Coelho

Prevalence and clinical impact of bacterial co-infection in chronic pulmonary aspergillosis
Fatma Tokgöz Akyil (Istanbul, Turkey), Sida Gösterici, Derya Hırçın Cenger, Çiğdem Sabancı, Hülya Abalı, Sinem Sökücü, Sedat Altın

Nutritional challenges in Chronic Pulmonary Aspergillosis (CPA) patients
Rasleen Kahai (London, United Kingdom), Dareen Marghlani, Ana Raquel Afonso, Lisa Nwankwo, Darius Armstrong-James, Anand Shah

Environmental interference in the fight against respiratory Aspergillus infection
Niki Ubags (Epalinges, Switzerland), Fabio Palmieri, Aurélien Trompette, Apiha Shanmuganathan, Julie Pernot, Samuel Neuenschwander, Thomas Junier, Marco Pagni, Christophe Von Garnier, Janick Stucki, Nina Hobi, Angela Koutsokera, Pilar Junier

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Clinical Profile of Invasive Fungal Pneumonia Patients from a lower-middle-income country: A Prospective Observational Study.
Radhika Chelagala (Rohtak, India), Pawan Singh, Dhruva Chaudhry, Aman Ahuja, Samruddhi Chougale, Anirban Mondal, Vineela Surapaneni, Vishal Raj, Jyothi Geetha Mohankumar, Saima Ejaz, Pradeep Chauhan

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Enhancement of Antifungal Activity by BromAc® in Combination with Conventional Antifungal Agents
David Morris (Basel, Switzerland), Pooja Narang, Maria Ali, Mathew Eapen, Javed Akhter, Sharon Chen, Sarah Valle

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Analysis of Clinical Features and Treatment Outcomes of Pulmonary Cryptococcosis at a Tertiary Hospital in Korea
Keum Ju Choi (Daegu, Republic of Korea)

Prophylaxis against pneumocystis jirovecii pneumonia (PJP) in autoimmune rheumatic diseases: a systematic literature review towards the achievement of a consensus
Loredana Carobene (Bussolengo, Italy), Marcella Sibani, Carmine Cutone, Alessia Savoldi, Evelina Tacconelli, Davide Gatti, Maurizio Rossini, Angelo Fassio

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Characteristics of immunocompromised hosts with pneumocystis jirovecii pneumonia in a tertiary hospital
Kundan Reddy Saripalli (Singapore, Singapore), Timothy Toh, Youxin Puan, Brian Chua, Isaac Fong, Deshawn Tan, Eugene Gan, Yi Hern Tan

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The role of cancer and immunosuppression in pneumocystis pneumonia: a large comprehensive population-based study
Fabian Reichel (Dresden, Germany), Falko Tesch, Saskia Berger, Martin Seifert, Dirk Koschel, Jochen Schmitt, Martin Kolditz

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Validation of Serum Galactomannan for Invasive Pulmonary Aspergillosis Outcome Prediction
Trent Chang-Wei WU (Hsinchu City, Taiwan), Chen Chieh Lin, Yung-Hsuan Chen, Li-Ta Keng, Lih-Yu Chang, Jung-Yueh Chen, Meng-Rui Lee, Jann-Yuan Wang, Chao-Chi Ho, Jin-Yuan Shih

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Increased prevalence of Hepatitis B and its association with worse survival in chronic pulmonary aspergillosis
Fatma Tokgöz Akyil (Istanbul, Turkey), Çiğdem Sabancı, Sida Gösterici, Hülya Abalı, Derya Hırçın Cenger

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PS-22 Session 12:30 - 14:00

Poster session: Emerging insights in cystic fibrosis: diagnostics, microbiology and global perspectives

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Cell and molecular biology | Epidemiology | Imaging | Endoscopy and interventional pulmonology | Pulmonary rehabilitation | General respiratory patient care | Public health | Pulmonary function testing | Palliative care | Physiology

Chairs : Chair to be confirmed

Investigating imaging markers in cystic fibrosis preschoolers using manual and automated algorithms
Pranali Raut (Rotterdam, Netherlands), Merlijn Bonte, Badies Manai, Punit Makani, Pier Ciet, Daan Caudri, Hettie M. Janssens

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Expanding a Bronchoscopic Scoring Tool to Children with Cystic Fibrosis: Inter-Rater Reliability of Novel Features
Srdjan Janni Micic (Zurich, Switzerland), Alexandra Bosetti, Andreas Hector, Christian Bieli, Elias Seidl, Alexander Moeller

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Heart rate variability from pulse oximetry during cystic fibrosis exacerbations
David Wertheim (Kingston-upon-Thames, United Kingdom), Claire L Edmondson, Jane C Davies, Paul Seddon

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A prospective design to correlate viruses to pulmonary exacerbations in young children with cystic fibrosis.
Nathalie Jouret (Sint-Gillis-Waas, Belgium), Joke Bastiaenssen, Eline Cauwenberghs, Ilke De Boeck, Stijn Verhulst, Francisco Iván Serrano-Cano, Kim Van Hoorenbeeck

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Microbial Diversity in Respiratory Tracts of Children with Cystic Fibrosis
RICHA RAO (Chandigarh, India), Joseph Mathew, Prateek Bhatia

Allergic bronchopulmonary aspergillosis in cystic fibrosis: diagnostic challenges
Dorina Efros (Chisinau, Republic of Moldova), Nelea Buga, Rodica Selevestru, Ludmila Rusu, Cristina Tomacinschii, Svetlana Sciuca

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The microbiological profile of pulmonary infections in cystic fibrosis patients in a country without modulator therapy: an alarming reality
Cristina Tomacinschii (Chisinau, Republic of Moldova), Ludmila Rusu, Dorina Efros, Nelea Buga, Rodica Selvestru, Svetlana Sciuca

The burden of advanced lung disease in cystic fibrosis patients in a country without neonatal screening
Dorina Efros (Chisinau, Republic of Moldova), Ludmila Rusu, Rodica Selevestru, Cristina Tomacinschii, Nelea Buga, Svetlana Sciuca

Effectiveness of the hippotherapy simulator in children and adolescents with cystic fibrosis
Betul Cinar (Bezmialem Vakıf Üniversitesi, Turkey), Rengin Demir, Melih Zeren, Erkan Cakir, H. Nilgun Gurses

Clinical characteristics of cystic fibrosis patients presenting with hemoptysis
Beste Özsezen (Ankara, Turkey), Nevin Uzuner

Evaluation of Vaccination Status in Children with Cystic Fibrosis
Tuğba Şişmanlar Eyuboglu (Ankara, Turkey), Ali Bugra Cetinkaya, Bahar Cuhacı Cakır

Pulmonary outcomes of probiotic use in pediatric patients with cystic fibrosis: a systematic review and meta-analysis
Maria João Lúcio (linda a velha, Portugal), Maria Luiza Pereira, Higor Bellettini

Reports of cystic fibrosis in Vietnam and its prevalence in Southeast Asia
Cao Pham Ha Giang (HCMC, Vietnam), Le Tran Quoc Khanh, Nguyen Ho Lam, Samya Nasr

Genetic insight for Egyptian children with cystic fibrosis
Mai Abdel Aziz Elsheikh (Giza, Egypt), Asmaa Alsharkawy, Heba Omara, Malak Shaheen, Magda Alseify, Samia Nasr

Comparison of newborn screening and modulatory treatment responses in siblings with cystic fibrosis
GAMZEGÜL GÖZEN BAYRAMOĞLU (ANKARA, Turkey), Tugba Sismanlar Eyuboglu, Ayse Tana Aslan, Handan Kekec, Ebru Yalcın, Meltem Yıldız Kayaoglu, Umay Kavgacı, Velat Sen, Berrak Öztosun, Cigdem Korkmaz, Ayse Ayzıt Kılınc, Suat Savas, Hanife Tugce Caglar, Azra Yusa Baykan, Oguz Karcıoglu, Yakup Canıtez, Merve Ozturk, Gokcen Kartal Ozturk, Ece Halis, Cansu Altındas, Doruk Gul, Sibel Dogru, Mehmet Kose, Ali Ersoy, Isıl Bilgic, Ali Ozdemir, Demet Polat Yulug, Melih Hangul, Erdi Cagrı Dagdelen, Hulya Anıl, Beste Ozsezen, Tugba Ramaslı Gursoy, Esin Gizem Olgun, Pelin Asfuroglu, Zeynep Gokce Gayretli Aydın, Huseyin Arslan, Sevgi Pekcan, Erkan Cakır, Guzin Cinel, Nagehan Emiralioglu, Ugur Ozcelik, Deniz Dogru Ersoz

Evaluation of Children Diagnosed with Cystic Fibrosis-related Diseases at a Cystic Fibrosis Center
TUĞÇE ÜNLÜ (Ankara, Turkey), Tugba Sismanlar Eyuboglu, Ayse Tana Aslan

Sleep-disordered breathing in people with cystic fibrosis
CEREN AYÇA YILDIZ (İstanbul, Turkey), Merve Özince, Merve Selçuk Balci, Şeyda Karabulur, Müge Merve Akkitap Yiğit, Eda Esra Baysal, Fulya Özdemircioğlu, Meltem Sabanci, Almala Pinar Ergenekon, Yasemin Gökdemir, Bülent Karadağ, Ela Erdem Eralp

Forum Session 12:45 - 13:45

Joint session: A year-in-review in bronchiectasis

Aims : to provide a detailed overview of the most significant advancements in bronchiectasis research, diagnostics and management over the past year, with input from both academic and industry perspectives; to highlight breakthroughs in understanding the pathophysiology of bronchiectasis, alongside cutting-edge diagnostic approaches and innovative therapeutic strategies, developed through academic-industry collaboration; to explore how the latest findings and technologies can be effectively translated into clinical practice, with a focus on improving patient outcomes and addressing real-world challenges; to identify priorities for future research and development, fostering dialogue and collaboration between academic researchers, healthcare professionals and industry stakeholders.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology | Epidemiology | Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Michal Shteinberg (Haifa, Israel)

12:45 **Phenotyping and endotyping bronchiectasis**
Josje Altenburg (Amsterdam (NH), Netherlands)

13:00 **Antibiotic treatment and exacerbations**
Raja Dhar (Kolkata (West Bengal), India)

13:15	**New therapies and clinical trials in bronchiectasis** Michael Loebinger (London, United Kingdom)
13:30	**Discussion and Q&A** Speaker to be confirmed

Studio Session 13:00 - 13:45

Skills lab: Thoracic ultrasound for screening of interstitial lung disease

Disease(s) : Interstitial lung diseases

Tag(s) : Clinical

Chairs : Helmut Prosch (Wien, Austria)

13:00	**TUS artifacts observed in patients with ILDs** Helmut Prosch (Wien, Austria)
13:10	**Workflow of a TUS examination** Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina)
13:20	**Current suggestions on the use of TUS for ILD screening** Jesper Rømhild Davidsen (Odense C, Denmark)
13:32	**Discussion and Q&A** Speaker to be confirmed

5A Session 13:45 - 15:15

Symposium: A new era of endobronchial ultrasound and imaging in staging and treatment of lung cancer from a global perspective

Aims : to present significant changes in use of endobronchial ultrasound (EBUS) to clinical practice; to discuss new expectations from EBUS procedures that should enable not only more precise N1 staging but also tissue sampling for biomarker analysis; to discuss responses to new lung cancer treatment and possible complications in imaging studies; to point out differences in diagnosis and treatment of lung cancer in low- and middle-income countries.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Pathologist, Physician in Pulmonary Training, Radiologist, Thoracic oncologist, Thoracic surgeon

Chairs : Marjolein A. Heuvelmans (Oldenzaal, Netherlands), Walter De Wever (Leuven, Belgium), Amanda Dandanell Juul (Odense S, Denmark)

13:45	**What are new needs in clinical practice for lung cancer diagnosis and staging in light of the updated 9th TNM edition for classification of lung cancer?** António Alexandre Pinto Bugalho De Almeida (Lisboa, Portugal)
14:00	**New requirements in staging and restaging of mediastinum and lung cancer introduced by guided radiotherapy and neoadjuvant chemoimmunotherapy** Ales Rozman (Golnik, Slovenia)
14:15	**Role of imaging in assessment of treatment responses and complications in patients undergoing new lung cancer therapies** Katarzyna Blasinska (Warsaw, Poland)
14:30	**Obstacles, limitations and challenges in lung cancer diagnosis and management in low-to-middle-income countries: differences and similarities** Speaker to be confirmed
14:45	**Discussion and Q&A** Speaker to be confirmed

5C Session 13:45 - 15:15

Symposium: Natural and man-made disasters: a new global norm?

Aims : to present the range of natural and man-made inhalational disasters that are presenting to physicians in general and respiratory healthcare professionals in particular; to identify the range of effects observed acutely and chronically in those affected; to identify the elements of a cohesive response, first and foremost from the perspective of respiratory healthcare professionals.

Disease(s) : Airway diseases | Respiratory critical care | Respiratory infections

Method(s) : Epidemiology | Public health | Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Rafael E. de la Hoz (New York, United States), Howraman Meteran (Hvidovre, Denmark), Ane Johannessen (Bergen, Norway)

13:45	**Airway and psychological effects of inhalation injuries in victims and responders** Christopher Carlsten (Vancouver (BC), Canada)
14:00	**Climate change, wildfires and respiratory health: population-level perspectives** Fay Johnston (Hobart, Australia)
14:15	**Toxic inhalation injuries: clinical experience in Turkey** Metin Akgün (Erzurum, Turkey)
14:30	**Hospital management of severe respiratory injuries in inhalational disasters** Raquel Duarte (Porto, Portugal)
14:45	**Discussion and Q&A** Speaker to be confirmed

5B Session 13:45 - 15:15

Hot topics: Respiratory infections - prevention is better than cure

Challenges of antimicrobial resistance and vaccination across global impact, diagnostics and novel therapeutic strategies

Aims : - To raise awareness of the escalating global threat of antimicrobial resistance (AMR) and its implications on respiratory health
- To explore innovative diagnostic strategies aimed at enhancing early detection of AMR in respiratory infections
- To discuss the latest advancements in therapeutic strategies for managing AMR in respiratory diseases, focusing on novel promising treatments and approaches.
to provide a comprehensive understanding of the critical factors involved in designing and implementing effective vaccination strategies for respiratory infections; to provide actionable insights that can be used to enhance vaccination uptake and effectiveness by addressing the timing of vaccination, the roles of multidisciplinary teams, innovations in vaccine technology and strategies to increase compliance; to provide practical tools and knowledge to support the implementation of innovative and inclusive vaccination strategies in clinical and public health settings.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Journalist

Chairs : Chiara Premuda (Palermo, Italy)

13:45	**The global impact of vaccination: insights from 50 years of immunisation** Speaker to be confirmed
14:00	**How to increase uptake? Overcoming barriers and building trust** Speaker to be confirmed
14:15	**Strengthening diagnostics in AMR** Speaker to be confirmed
14:30	**Addressing AMR with novel therapeutic strategies** Speaker to be confirmed
14:45	**Discussion and Q&A** Speaker to be confirmed

7A Session 13:45 - 15:15

Hot topics: Understanding disease variability and its impact on the management of obstructive sleep apnoea

Aims : Both the night-to-night variability of OSA severity markers (e.g. the Apnoea-Hypopnoea-Index) and the variability of relevant outcomes (e.g. blood pressure or daytime sleepiness) as well as the variability of response to OSA therapies in different endo- and phenotypes must be considered when establishing modern treatment concepts for OSA. The aim of this session is to systematically analyse and critically discuss these different aspects of variability in OSA (variability a) in relation to data sets, b) to OSA markers, c) to outcomes, d) to residual OSA on treatment and its impact on outcomes) and to dicuss the importance of considering variability for treatment concepts.

Disease(s) : Paediatric respiratory diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Epidemiology | General respiratory patient care | Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Physician in Pulmonary Training, Physiologist

Chairs : Sophia E. Schiza (Heraklion, Greece), Matteo SICILIANO (ROMA, Italy)

13:45	**How to characterize and address variability of OSA in various datasets** Jean-Louis Pépin (Grenoble, France)
14:00	**Night to night variability in OSA severity parameters and impact on treatment decisions** Silke Ryan (Dublin, Ireland)
14:15	**Variability in response to CPAP treatment regarding cardiovascular outcomes** Manuel Sanchez De La Torre (Toledo, Spain)
14:30	**Variability in residual AHI under CPAP and impact on clinical management** Speaker to be confirmed
14:45	**Discussion and Q&A** Speaker to be confirmed

5D Session 13:45 - 15:15

Year in review: Scientific

Aims : to provide an overview of basic and translational scientific highlights and major achievements in the respiratory field within the past year, focusing on novel insights into interactions of structural lung cells within their environment, including mechanical aspects and interactions with immune cells obtained by innovative technologies such as spatial transcriptomics and proteomics; to provide an overview of various key publications that are expected to have a major impact in the respiratory field with high clinical relevance based on promising results in pre-clinical models; to cover a variety of pulmonary diseases, including asthma, bronchopulmonary dysplasia, chronic obstructive pulmonary disease, lung fibrosis and respiratory infections; to discuss the potential clinical translation of novel therapeutic strategies.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : Cell and molecular biology

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Paediatrician, Scientist (basic, translational)

Chairs : H. Irene Heijink (Groningen, Netherlands), Neeloffer Mookherjee (Winnipeg (MB), Canada), Theodore Kapellos (Munich, Germany)

13:45	**Profiling the spatial transcriptome and proteome in lung tissue** Speaker to be confirmed
14:00	**Regulation of alveolar epithelial and mesenchymal responses of macrophages upon lung tissue injury** Speaker to be confirmed
14:15	**Mechanosensing and abnormal epithelial damage and repair in respiratory disease** Jody Rosenblatt (London, United Kingdom)
14:30	**Single-cell RNA sequencing to guide cell-based therapy** Speaker to be confirmed
14:45	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 13:45 - 14:30

Guidelines session: Telemedicine in Home Mechanical Ventilation: What is the evidence and where do we go from here?

ERS Guidelines

Aims : Telemedicine is an upcoming technology in home mechanical ventilation. This is the first guideline on this topic summarizing the evidence and providing the structure for future research. During the session attendants will have an overview of current evidence and future perspectives.

Disease(s) : Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Marieke L. Duiverman (Groningen, Netherlands), Catharina C. Moor (Rotterdam, Netherlands), Antoine Froidure (Bruxelles, Belgium)

13:45	**ERS Guideline on Telemedicine in Home Mechanical Ventilation** Claudia Crimi (Catania (CT), Italy)
14:00	**Telemedicine in Home mechanical Ventilation: where do we go from here?** Maxime Patout (Paris, France)
14:15	**Discussion and Q&A** Claudia Crimi (Catania (CT), Italy), Maxime Patout (Paris, France), Bruno Crestani (Paris, France), Anna Maria Hoffmann-Vold (Oslo, Norway)

Elicium 2 Session 13:45 - 15:15

State of the art session: Paediatric

Aims : to discuss important topics in paediatric respiratory medicin, such as post-infective bronchiolitis obliterans management, prematurity-associated respiratory disease , advanced interventional bronchoscopy in the management of children with complex airway diseases, as well as severe and difficult-to-treat asthma biologics and treatment.

Disease(s) : Airway diseases Paediatric respiratory diseases Sleep and breathing disorders

Method(s) : Endoscopy and interventional pulmonology Epidemiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Alexander Möller (Zürich, Switzerland), Alice Hadchouel-Duvergé (Paris, France), Monika Gappa (Düsseldorf, Germany)

13:45	**Post-infective bronchiolitis obliterans**
14:00	**Phenotype-based treatment of prematurity-associated respiratory disease** Marielle Pijnenburg (Rotterdam, Netherlands)
14:15	**Advanced paediatric interventional bronchoscopy with a focus on cryotherapy** Dirk Schramm (Düsseldorf, Germany)
14:30	**Asthma biologics: which to use for which patient, when to switch and when to wean/stop?** Sejal Saglani (London, United Kingdom)
14:45	**Discussion and Q&A** Speaker to be confirmed

G106/107 Session 14:00 - 17:30

Skills workshop: SW7 SW7: Diagnostic techniques in the assessment of sleep-disordered breathing

Additional registration is required for this session

Aims : to discuss various types of sleep studies including their advantages and disadvantages for the diagnosis of sleep-related breathing disorders; to systematically demonstrate the interpretation of poly(somno)graphs in adults and children using examples; to interpret poly(somno)graphy with or without capnometry under therapy (e.g., continuous positive airway pressure, adaptive support ventilation and non-invasive ventilation) of a sleep-related breathing disorder.

Disease(s) : Paediatric respiratory diseases Sleep and breathing disorders

Tag(s) : Clinical

14:00	**Different levels of sleep studies** Ludger Grote (Göteborg, Sweden)

14:00 **Interpretation of poly(somno)graphy in adults**
Carolina Lombardi (Milano (MI), Italy)

14:00 **Interpretation of polysomnography/polygraphy in children**
Refika Hamutcu Ersu (Ottawa, Canada)

14:00 **Interpretation of sleep studies on positive airway pressure therapy (e.g., continuous positive airway pressure, adaptive support ventilation and non-invasive ventilation)**
Alexandros Kalkanis (Leuven, Belgium)

3B Session 14:15 - 15:30

Oral presentation: The night watch: monitoring, surveillance and outcome in post-transplant patients

Disease(s) : Respiratory critical care | Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases

Method(s) : Respiratory intensive care | Transplantation | Pulmonary rehabilitation | Imaging | Cell and molecular biology | Pulmonary function testing | Endoscopy and interventional pulmonology

Chairs : Chair to be confirmed

Identifying leukocyte populations as biomarkers for chronic lung allograft dysfunction
Berta Saez Gimenez (Barcelona, Spain), Susana Gomez Olles, Meritxell Boada Pérez, Victoria Ruiz De Miguel, Oriol Grau-Bosch, Eva Revilla-López, Marta Zapata, Manuel Lopez Messeguer, Roser Escobar, Victor Monforte Torres, Cristina Berastegui

Artificial intelligence (AI)-based quantitative image analysis on vascular changes after lung transplantation: a pilot study
Dieuwertje Ruigrok (Utrecht, Netherlands), Leticia Gallardo-Estrella, Jean-Paul Charbonnier, Harm A.W.M. Tiddens

Surveillance bronchoscopy in asymptomatic transplant recipients as predictor of complications in the first year
Mattia Verardo (Torino, Italy), Silvia Zaffina, Mauro Mangiapia, Fulvia Ribolla, Michela Maria Bellocchia, Massimo Boffini, Rocco Francesco Rinaldo, Paolo Solidoro

Impulse Oscillometry- The Future In Post Lung Transplant Monitoring
Holly Le Winton (Cambridge, United Kingdom), Ben Knox-Brown, Syed Tousheed, Wendy Sherman, Karl Sylvester

Optimizing Ganciclovir and Valganciclovir Therapy in Lung Transplant Recipients: A Population Pharmacokinetic Approach
Eliska Dvorackova (Praha, Czech Republic), Danica Michalickova, Jakub Petrus, Eva Klapkova, Alzbeta Dutkova, Tereza Kotowski, Andrea Zajacova, Jan Havlin, Robert Lischke, Ondrej Slanar

Early liberation from mechanical ventilation after lung transplant surgery is associated with improved outcomes: An analysis of UNOS database.
Amit Banga (Palo Alto, United States), Gundeep Dhillon

The effectiveness of pulmonary rehabilitation in the lung transplantation process
Nisanur Tutus (İstanbul, Turkey), Elif Yıldırım, Ipek Ozmen, Neslihan Siyambaş, Mustafa Vayvada, Rüya Aydın, Murat Ozturk

Immune monitoring in lung transplantation using automated flow cytometry: Can it predict graft function?
Berber Zweers (Utrecht, Netherlands), Nienke Vrisekoop, Leo Koenderman, Bart Luijk

Nitrogen Washout (N_2WB): an added tool for lung transplant surveillance
Jaime Andrés Alvarado Castillo (Bogotá (Cundinamarca), Colombia), Theresa Gross, Gregor Krasagakis, Kateryna Gashynova, Benedikt Jentzsch, Ina Hettich, Björn Frye, Daiana Stolz

3A Session 14:15 - 15:30

Oral presentation: Combining old and new concepts in pulmonary function testing to better understand lung physiology across the ages

Disease(s) : Interstitial lung diseases | Airway diseases

Method(s) : Pulmonary function testing | Epidemiology | Physiology | Imaging | General respiratory patient care

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), Chair to be confirmed

Evaluating the Impact of FeNO Testing as a Primary Diagnostic Tool for Asthma in a Respiratory Physiology Service
Charlotte Hurst (Stoke-on-Trent, United Kingdom), Ian Cliff, Elfatih Idris, Naveed Mustfa, Imran Hussain, Michael Hepple, Helen Stone

Comparisons of sulphur hexafluoride (SF6), helium (He) and nitrogen (N2) derived lung clearance index (LCI) in healthy subjects aged 7-70 years
Per M. Gustafsson (Skävde, Sweden), Mollie Riley, Fatma Aljassim, Anders Lindblad

Utilising 129Xe-MRI to determine an FEV1/FVC range of uncertainty to detect airways disease
Laurie Smith (Sheffield (South Yorkshire), United Kingdom), Helen Marshall, Sanja Stanojevic, Josh Astley, Demi Jakymelen, Alberto Biancardi, Guilhem Collier, Ho-Fung Chan, Paul Hughes, Martin Brook, Ryan Munro, Smitha Rajaram, Andy Swift, Dave Capener, Jody Bray, Jimmy Ball, Oliver Rodgers, Bilal Tahir, Madhewesha Rao, Graham Norquay, Nick Weatherley, Leanne Armstrong, Latife Hardaker, Hana Mullerova, Rod Hughes, Jim Wild

Impact of 2022 GLI race neutral reference values on spirometry diagnosed diseases
Martijn Cuijpers (Roermond, Netherlands), Richard Bonné, Ragnar Lunde, Herman-Jan Pennings

Reinterpreting pulmonary function tests: The clinical impact of shifting from race-specific to race-neutral reference equations
Rhys Tudge (Manchester, United Kingdom)

FEV1 % predicted vs % baseline in assessing bronchial hyperreactivity.
Saeeda Lone - Latif (Amsterdam, Netherlands), Patrick Jak, Rachel Salvador

Retrospective Validation of an AI-Based Spirometry Decision Support Tool in a COPD Diagnostic Pathway
Emma Giffen (Glasgow (Glasgow), United Kingdom), Dervla Carroll, Fergus Wilkie, Elena Smets, Karolien Van Orshoven, Marko Topalovic, Eve Walker, Anna Taylor, David Lowe, Chris Carlin

Validating a model for predicting exertional hypoxaemia in patients with interstitial lung disease.
Bryn Williams (BIGGLESWADE, United Kingdom), Rachel Lowry, Helen Parfrey, Dilwyn Marple-Horvat, Karl Sylvester

Drop in oscillometry measures of reactance correspond to drop in forced vital capacity in IPF
Joyce Wu (Toronto, Canada), Jielin Yang, Yushu Zou, Isabella Gouthro, William Matthew Binnie, Shane Shapera, Jolene Fisher, Micheal Mcinnis, Clodagh Ryan, Ella Huszti, Zoltán Hantos, Chung-Wai Chow

Elicium 1 Session 14:15 - 15:30

Oral presentation: Primary care perspective and management from acute to chronic respiratory diseases

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Epidemiology Public health

Chairs : Luke Daines (Edinburgh (Edinburgh), United Kingdom), Chair to be confirmed

Perceived barriers and facilitators to managing psychological distress in COPD: The perspectives of patients and carers
Juliet Wang (Mebourne, Australia), Lena Ly, Elizabeth Barson, Natasha Smallwood

Co-designing a primary care delivered, breathlessness, self-management intervention for people with chronic respiratory disease
Natasha Smallwood (Melbourne (VIC), Australia), Amy Pascoe, Lena Ly, Anna Spathis, Jennifer Philip, Lena Sanci

COPD management and optimisation opportunities in Dutch primary care using the COPDOptimiser
Evelien Harms (Groningen, Netherlands), Marika Leving, Lars Dijk, Iris Van Geer-Postmus, Mona Al-Ahmad, Meilan Han, Ee Ming Khoo, Alberto Papi, Nicolas Roche, Hanna Sandelowsky, Claudia Vicente, Janwillem Kocks

Applying the Test of Adherence to Inhalers Toolkit to patients with COPD in Kyrgyzstan
Aizhamal Tabyshova (Bishkek, Kyrgyzstan), Tursunai Turarova, Talant Sooronbaev, Job F.M. Van Boven

Over-reliance on short-acting beta-agonists (SABAs) in asthma; A mixed method study, in primary care, in Greece
Ioanna Tsiligianni (Heraklion (Crete), Greece), Siân Williams, Izolde Bouloukaki

Incidence of GP-attended respiratory syncytial virus (RSV), human metapneumovirus (HMPV) and human parainfluenza virus (HPIV) amongst high-risk patients in Europe
Alike van der Velden (Utrecht, Netherlands), Victoria Harris, Oliver Martyn, Christopher Butler

French CAPTURE screening tool for undiagnosed obstructive lung disease in primary care
Margaux Machefert (Le Havre, France), Clément Medrinal, Claire Dubois, Guillaume Galliou, Constance Graffin, Emilie Pichon, Fanny Laporte, Bouchra Lamia, Roger Hilfiker, Yann Combret, Guillaume Prieur

Burden and healthcare resource utilization across asthma severities
Lucia De Prado Gomez (Reading, United Kingdom), Asif H. Khan, Paul Rowe

Adherence to the Chronic Obstructive Pulmonary Disease Guidelines in Primary Care: the Greek COPD COCARE study
Ioanna Tsiligianni (Heraklion (Crete), Greece), Izolde Bouloukaki, Stavroula Papageorgakopoulou

Forum Session 14:15 - 15:30

Oral presentation: Severe asthma: from the underlying mechanism to clinical remission

Disease(s) : Airway diseases

Method(s) : Imaging Physiology Pulmonary function testing Cell and molecular biology Epidemiology General respiratory patient care Public health

Chairs : Stefania Principe (Utrecht, Netherlands), Chair to be confirmed

Mucus plugs correlate with small airway remodelling in Asthma: A multi-resolution study
Aileen Hsieh (Vancouver, Canada), Dragos M. Vasilescu, Jenna Barker-Mulleder, May Fouadi, Stacey Ledoux, David J. Erle, Maude A. Liegeois, John V. Fahy, Tillie-Louise Hackett

Evidence of efficacy of biologics in smokers with severe asthma in the SHARP CRC registry
Jérémy Charriot (Montpellier Cedex 5, France), Marco Caminati, Aruna Bansal, Shane Hanon, Florence Schleich, Sanja Popovic-Grle, Marina Lampalo, Celeste Porsbjerg, Arnaud Bourdin, Zsuzsanna Csoma, Dora Lúðvíksdóttir, Giorgio Walter Canonica, Enrico Heffler, Cristina Cardini, Ineta Grisle, Kristina Bieksiene, Anneke Ten Brinke, Jacob Sont, Piotr Kuna, Maria Morawska, Florin Mihaltan, Sanja Hromis, Peter Kopac, Valentyna Yasinska, Fabienne Jaun, Sabina Skrgat, Ratko Djukanovic, Bilun Gemicioglu

The depth at which nitric oxide is produced by the conducting airways in patients with asthma
Haopeng Xu (Oxford, United Kingdom), Lorenzo Petralia, Asma Alamoudi, Graham Richmond, Grant Ritchie, Ian Pavord, Peter Robbins, Nayia Petousi

Does the reversal of airway remodeling accompany asthma remission?
Ali Mozaffaripour (London, Canada), Sam Tcherner, Eveline Durom, Anurag Bhalla, Cory Yamashita, Grace Parraga

On the disposition of airway mucus-plugs in asthma before and after treatment
Eveline Durom (London, Canada), Sam Tcherner, Ali Mozaffaripour, Harkiran Kooner, Marrissa Mcintosh, Anurag Bhalla, Cory Yamashita, Grace Parraga

Tracking blood eosinophils over time: long-term trends in asthmatic patients from the COBRA cohort
Marina Guecamburu (Bordeaux, France), Fanchon Herman, Isabella Annesi-Maesano, Pascal Demoly, Camille Taillé, Jésus Gonzalez, Pierre-Olivier Girodet, Arnaud Bourdin, Nicolas Molinari, Joana Vitte, Patrick Berger, Maéva Zysman

Circulating microRNAs as potential tools for asthma diagnosis and asthma severity risk prediction.
Elena V. Vorobeva (Southampton, United Kingdom), Mohammed A. Kyyaly, Collin L. Sones, Peijun He, S. Hasan Arshad, Tilman Sanchez-Elsner, Ramesh J. Kurukulaaratchy

Psoriatic arthritis and bronchial asthma: a poorly investigated connection
Rubina Giulia Girolamo (Firenze, Italy), Chiara Allegrini, Alessia Catalisano, Martina Maria Marinato, Elisa Bentivegna, Greta Insalata, Alberto Bracciali, Luca Paita, Federico Lavorini, Gianna Camiciottoli

T2 biomarkers and remission state in severe asthma treated by biologics.
Mare Sabbe (Olne, Belgium), Catherine Moermans, Françoise Guissard, Virginie Paulus, Carole Sanchez, Florence Schleich, Christophe Desmet, Renaud Louis

Amtrium Session 14:15 - 15:30

Oral presentation: Medical education, web, internet, ethics and economics

Disease(s) : Airway diseases Thoracic oncology Respiratory critical care

Method(s) : Imaging Public health Epidemiology General respiratory patient care Respiratory intensive care

Chairs : Chair to be confirmed

A virtual reality-based intervention to enhance empathy in delivering bad news of lung cancer
Doron Cohn-Schwartz (Ramat Gan, Israel), Ella Cohn-Schwartz, Ophir Freund, Amir Bar-Shai, Nomy Dickman*, Yuri Perlitz*

Views of consent approaches used in emergency and critical care research: an ERS Clinical Research Collaboration rapid, systematic review of the acceptability of alternative consent models
Niamh Mahon (Dublin, Ireland), Leanne Hays, Eva Coy, Kate Ainscough, Aidan Burrell, Anthony Gordon, Bram Rochwerg, Brenda Lucas, Chun-Mei Wang, Dan Harvey, Dhruv Parekh, Ewan Goligher, Fiona Toal, Hiroki Saito, John Marshall, Jonathan Stewart, Nina Gobat, Steve Webb, Timo Tolppa, Icc-Ppi Group, Danny Mcauley, Alistair Nichol

"Caregivers should be recognised by society and receive support": a French survey documenting the experiences and needs of caregivers and people with chronic respiratory diseases.
Sarah Gephine (Pérenchies, France), Frédéric Le Guillou, Manon Robic, Odile Sauvaget, Cécile Grosset, Jean-Marie Grosbois

Screening for COPD risk using self-reported breathlessness and respiratory health related quality of life: a cross-sectional survey analysis of 8779 respondents
Bernt Bøgvald Aarli (Bergen, Norway), Odd Erik Johansen, Bjarte Nore, Kjell Garatun-Tjeldstø, Laxmi Bhatta, Marthe Gundersen

Thoracic ultrasound training for clinicians: An updated systematic review
Pernilla Borggaard (Horsens, Denmark), Christian D. Kildegaard, Christian B. Laursen, Rahul Bhatnagar, Giovanni Volpicelli, Pia I. Pietersen

The Current State of Ultrasound Training in Pulmonary Residency Programs: a Survey Study in the Netherlands
Wytze de Boer (Zwolle, Netherlands), Carlijn Veldman, Krista Parlevliet, Wouter Van Geffen, Mireille Edens, Jos Stigt, Dirk Jan Slebos, Marieke Duiverman

Ensuring consistency and fairness: Interrater reliability of the European Respiratory Society thoracic ultrasound Objective Structured Clinical Examination
Pia Iben Pietersen (Odense C, Denmark), Rahul Bhatnagar, Lars Konge, Christian B. Laursen, Casper Falster, Najib M. Rahman, Laurence M. Crombag, Anders Bo Nielsen

Benefits and workforce rewards from the ERS Connect Research network: Capturing the value of building international networks.
Nicola J. Roberts (Edinburgh, United Kingdom), Kate A. Lippiett, Lindsay Welch, Hilary Pinnock (on Behalf Of The Connect Network)

Artificial Intelligence in pulmonology: Transforming practice amid challenges and opportunities
sofia Farhat (agadir, Morocco), Nada Boutbagha, Hanane Ikrou, Salma Abrar, Younes Essaid, Abdelmajid Oulahbib, Oussama Halloumi, Selma Abdala, Hind Serhane

Studio — Session — 14:15 - 15:00

Experts interview: Identifying global threats to respiratory science

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Barbara Hoffmann (Düsseldorf, Germany), Eva Polverino (Barcelona, Spain)

14:15 **Ethical issues in research publishing and financing**
Joel Kaufman (Seattle, United States)

14:25 **The dangers and strategies of misinformation**
Filippos T. Filippidis (Rickmansworth, United Kingdom)

14:35 **Panel discussion**
Speaker to be confirmed

G104/105 — Session — 14:30 - 16:50

Skills workshop: SW5 SW5: Advanced interpretation of cardiopulmonary exercise testing

Additional registration is required for this session.

Aims : to discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop new skills and expertise in order to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop skills to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Chairs : William Stringer (Long Beach, United States)

14:30 **Assessing breathlessness**
J. Alberto Neder (Kingston (ON), Canada)

14:30 **Laryngoscopy during exercise: live demonstration**
Hege Clemm (Paradis, Norway), Hayley Lewthwaite (Merewether, Australia)

14:30 **Ventilatory efficiency and gas exchange**
Pierantonio Laveneziana (Paris, France)

14:30 **Dynamic hyperinflation and other respiratory measurements: live demonstration**
Paolo Palange (Rome, Italy), Michele Schaeffer (Vancouver, Canada)

Auditorium Session 14:30 - 15:15

Guidelines session: Connective tissue diseases with interstitial lung (ILD) involvement

ERS/EULAR Clinical practice guideline

Aims : Interstitial lung disease (ILD) is a frequent manifestation in connective tissue diseases (CTD) and associates with high morbidity and mortality. Clinical practice guidelines (CPG) to standardise screening, diagnosis, treatment and follow-up for CTD-ILD are of high importance for optimized patient care.
A European Respiratory Society and European Alliance of Associations for Rheumatology Task Force (TF) committee, composed of pulmonologists, rheumatologists, pathologist, radiologist, methodologists and patient representatives, developed recommendations based on PICO (Patients, Intervention, Comparison, Outcomes) questions with grading of the evidence according to the GRADE (Grading of Recommendations, Assessment, Development and Evaluations) methodology and complementary narrative questions (NQ). For both PICOs and NQs, the Evidence to Decisions framework was used to formulate the recommendations.

Disease(s) : Respiratory critical care

Tag(s) : Clinical

Chairs : Marieke L. Duiverman (Groningen, Netherlands), Catharina C. Moor (Rotterdam, Netherlands), Antoine Froidure (Bruxelles, Belgium)

14:30 **Screening and diagnosis of CTD-ILD**
Bruno Crestani (Paris, France)

14:45 **Treatment and Monitoring of CTD-ILDs**
Anna Maria Hoffmann-Vold (Oslo, Norway)

15:00 **Discussion and Q&A**
Bruno Crestani (Paris, France), Anna Maria Hoffmann-Vold (Oslo, Norway), Claudia Crimi (Catania (CT), Italy), Maxime Patout (Paris, France)

Studio Session 15:15 - 16:00

Experts interview: Tackling science threats: the way forward

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Barbara Hoffmann (Düsseldorf, Germany), Eva Polverino (Barcelona, Spain)

15:15 **New strategies for communication to different target groups**
Speaker to be confirmed

15:25 **Speaking outside the bubble: Social media presence and campaign**
Speaker to be confirmed

15:35 **Panel discussion**
Speaker to be confirmed

5D Session 15:30 - 17:00

Symposium: A breath of diversity: impact of biological sex on cellular and molecular mechanisms in respiratory disease

Translational science session

Aims : to enhance understanding of the influence of biological sex on metabolic processes and immune responses in driving sex dimorphism in respiratory disease, the role of sex steroids (hormones) and chromosomes in respiratory disease, and sex-related differences in proteins, signalling pathways, epigenetics and cellular crosstalk in respiratory disease.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Paediatrician, Pathologist

Chairs : H. Irene Heijink (Groningen, Netherlands), Neeloffer Mookherjee (Winnipeg (MB), Canada), Theodore Kapellos (Munich, Germany)

15:30 **Patient testimony**
Vicki Maylan (, United Kingdom)

15:35	**Role of sex hormones in modifying immunometabolism, focusing on Th17- and interleukin-33-mediated airway inflammation** Dawn Newcomb (Nashville, United States)
15:50	**Mechanisms of sexual dimorphism in cystic fibrosis** Chiara De Santi (Dublin, Ireland)
16:05	**Implications of sex differences for clinical phenotyping and treatment of asthma and chronic obstructive pulmonary disease** Maarten van den Berge (Groningen, Netherlands)
16:20	**STARSHIP: study of therapeutic trials of sex hormone supplementation in interstitial lung disease** Speaker to be confirmed
16:35	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 15:30 - 17:00

Hot topics: Current controversies in ILD

Aims : Recent advances in the field of ILD therapy have contributed to the development of new therapy formats. However, these latest studies have also revealed many controversies - what is the most suitable therapy for sarcoidosis? Is the treatment of fibrosing ILDs following a similar path to that of other fields, such as PH with combination therapies? Recent guidelines and the latest study data in the area of CTD-ILDs leave many questions unanswered, especially what the best therapy algorithm for CTD-ILDs is. Another significant controversy is the latest classification of interstitial pneumonia, which must be critically discussed - also with regard to the practical implementation of this recommendation. Aim of this "controversies" symposium is to discuss the most important controversies in the field of ILD in order to improve future ILD management.

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Marieke L. Duiverman (Groningen, Netherlands), Catharina C. Moor (Rotterdam, Netherlands), Antoine Froidure (Bruxelles, Belgium)

15:30	**The updated classification of interstitial pneumonias - practical or perplexing?** Christopher Ryerson (Vancouver (BC), Canada)
15:45	**Optimized treatment of fibrosing ILD – time for upfront antifibrotic combination therapy ?** Michael Kreuter (Mainz, Germany)
16:00	**Are Steroids still first line therapy for pulmonary sarcoidosis?** Marlies S. Wijsenbeek (Rotterdam, Netherlands)
16:15	**Which guideline to follow in CTD-ILD ? when guidelines and new trial results are conflicting and the patient needs treatment** Elisabetta Renzoni (London, United Kingdom)
16:30	**Discussion and Q&A** Speaker to be confirmed

5B Session 15:30 - 17:00

Clinical trials session: Clinical trials session, ALERT 2

Chairs : Chair to be confirmed

15:30	
15:37	
15:44	
15:51	
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16:12

16:19

7A Session 15:30 - 17:00

State of the art session: Sleep and breathing disorders

Central sleep apnoea: from pathophysiology over phenotypes to updated treatment recommendations. New recommendations for the treatment of central sleep apnoea

Aims : to present a new European Respiratory Society (ERS) statement on the treatment of central sleep apnoea (CSA) with adaptive servo-ventilation; to discuss the new treatment options for CSA in 2025.; to revise previous recommendations for treatment of celiac sleep apnoea syndromes. to update participants on the optimal treatment of patients with CSA.

Disease(s) : Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : General respiratory patient care | Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory therapist

Chairs : Sophia E. Schiza (Heraklion, Greece), Matteo SICILIANO (ROMA, Italy)

15:30 **Understanding the pathophysiology of CSA as the basis for treatment selection**
Winfried J. Randerath (Solingen, Germany)

15:45 **New ERS statement on the treatment of CSA with adaptive servo-ventilation**
Esther Irene Schwarz (Zürich, Switzerland)

16:00 **Managing treatment-emergent CSA: when and how?**
Raphael Heinzer (Lausanne, Switzerland)

16:15 **New interventional studies in other forms of CSA**
Johan Verbraecken (Edegem (Antwerp), Belgium)

16:30 **Discussion and Q&A**
Speaker to be confirmed

5A Session 15:30 - 17:00

Clinical cases: The world of imaging: working together

Aims : to present use of several imaging techniques performed by radiologists, clinicians or surgeons, based on clinical cases; to explain that imaging can be used not only for diagnostic purposes but also for guiding more interventional procedures.

Disease(s) : Respiratory critical care | Respiratory infections | Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology | Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Marjolein A. Heuvelmans (Oldenzaal, Netherlands), Walter De Wever (Leuven, Belgium), Amanda Dandanell Juul (Odense S, Denmark)

15:30 **Non-endoscopic ultrasound-guided thoracic intervention**
Maged Hassan (Alexandria, Egypt)

15:52 **Computed tomography-guided thoracic intervention**
Helmut Prosch (Wien, Austria)

16:14 **Morphological and functional imaging of the diaphragm**
Tana Bupe Mwewa (Brussels, Belgium)

16:36 **Computed tomography-guided endoscopy**
Erik H.F.M. van der Heijden (Nijmegen, Netherlands)

Elicium 2 Session 15:30 - 17:00

Clinical cases: Lungs on fire: Paediatric respiratory diseases

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Paediatric respiratory diseases

Tag(s) : Clinical

Chairs : Alexander Möller (Zürich, Switzerland), Alice Hadchouel-Duvergé (Paris, France), Monika Gappa (Düsseldorf, Germany)

Discussants : Angela Zacharasiewicz (Wien, Austria), Erol Gaillard (Leicester, United Kingdom)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: O.V. Cerutti-Monteventi (Canada)** Angela Zacharasiewicz (Wien, Austria)
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: S.G. Abdelhady (Egypt)** Erol Gaillard (Leicester, United Kingdom)
16:14	**Case 3 incl. panel discussion and Q&A - Submitter: M. Ryde (United Kingdom)** Angela Zacharasiewicz (Wien, Austria)
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: M. Engelkes (Netherlands)** Erol Gaillard (Leicester, United Kingdom)

5C Session 15:30 - 17:00

Mini symposium: A global perspective on occupational lung disease: moving from diagnosis to action

Aims : to highlight the global burden of occupational lung disease by focusing on silicosis and tuberculosis, occupational asthma, byssinosis and the sequelae of occupational lung disease in Asia and Africa; to describe regional differences and the impact of occupational lung disease in low- and middle-income countries, thereby raising the profile of occupational lung disease in these countries; to provide examples of interventions that mitigate the occupational lung disease risk by showcasing interventional trials of workplace educational interventions for byssinosis and pulmonary rehabilitation in miners with silico-tuberculosis; to promote global collaboration in occupational lung disease research by emphasising the benefits of international partnerships for advancing research and sharing data, especially in under-resourced settings; to provide a positive and constructive environment for early-career researchers to present their work, alongside expert presenters, and contribute to discussions on occupational lung diseases; to provide a platform for global collaboration via networking opportunities.

Disease(s) : Airway diseases Interstitial lung diseases Respiratory infections

Method(s) : Epidemiology Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Patient, Physician in Pulmonary Training, Journalist

Chairs : Rafael E. de la Hoz (New York, United States), Howraman Meteran (Hvidovre, Denmark), Ane Johannessen (Bergen, Norway)

15:30	**Silicosis and tuberculosis among small-scale miners** Patrick Howlett (LONDON, United Kingdom)
15:45	**Reducing the respiratory effects of cotton dust exposure among textile workers** Asaad Ahmed Nafees (Karachi, Pakistan)
16:00	**Work-related asthma in low- and middle-income countries** Mohamed Fareed Jeebhay (Cape Town, South Africa)
16:15	**Discussion and Q&A** Speaker to be confirmed

Forum Session 15:45 - 17:00

Oral presentation: Pulmonary hypertension: novel pathogenic pathways, noninvasive surrogate markers and possible therapeutic benefit

Disease(s) : Pulmonary vascular diseases

Method(s) : Imaging Physiology Pulmonary function testing Cell and molecular biology General respiratory patient care

Chairs : Yochai Adir (Haifa, Israel), Athénaïs Boucly (Paris, France)

	Mechanistic Study on Luteolin-Mediated SIRT1 Deacetylation in Mitochondrial Energy Metabolism Remodeling in Pulmonary Arterial Hypertension huilin yu (chongqin, China), Ke Liao, Yawan Zi, Hong Chen, Xiaohui Wang

Rare Variants in RYR1/RYR2 Associated with CTEPH Occurrence: Insights from a Large Whole-Genome Sequencing Analysis
Zhenguo Zhai (Beijing, China), Bingzhang Zou, Mengjie Duo, Zhu Zhang

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Predicting mortality with right ventricular function in pulmonary hypertension associated with lung disease
Ze Ming Goh (Sheffield, United Kingdom), Ellis Cerrone, Felicity Hitchcock, Anusha Gajanan, Samer Alabed, Krit Dwivedi, Robin Condliffe, Abdul Hameed, Athanasios Charalampopoulos, Judith A Hurdman, Charlie A Elliot, Alexander Rothman, Lisa Watson, Hamza Zafar, Frances Varian, Aa Roger Thompson, Andrew J Swift, David G Kiely

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HS235, a Novel Activin Signaling Inhibitor, is Highly Efficacious in Preclinical Models of Pulmonary Hypertension (PH) and Heart Failure (HF)
Gauthier Schang (Montreal, Canada), Emilie Brûlé, Florian Dilasser, Ipshita Nandi, Jean-François Denis, Ariane Sours, Vann Ganesh, Rana Samadfam, Gilles Tremblay, Julia Schoelermann, Maureen O'Connor

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Clinical relevance of a novel non-invasive surrogate of pulmonary exercise hemodynamics
Teresa John (Graz, Austria), Henrik Abeln, Vasile Foris, Bastian Guettler, Nikolaus John, Katarina Zeder, Horst Olschewski, Khodr Tello, Nikolaus Kneidinger, Gabor Kovacs, Philipp Douschan

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Integrin α5β1: a promising target for right ventricular dysfunction in pulmonary arterial hypertension
Sarah-Eve Lemay (Quebec, Canada), Yann Grobs, Charlie Théberge, Sandra Breuils-Bonnet, Mélanie Sauvaget, Roxanne Desbiens, Alice Bourgeois, Sandra Martineau, Mégan Gilbert, Andréanne Pelletier, Manon Mougin, François Potus, Steeve Provencher, Olivier Boucherat, Sébastien Bonnet

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Impact of comorbidities on therapeutic response in patients with idiopathic pulmonary arterial hypertension
Benedetta Pozzato (milan, Italy), Marco Vicenzi, Stephen John Wort, Konstantinos Dimopoulos, Heba Nashat, Laura Claire Price, Colm Mccabe, Bhashkar Mukherjee

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Endothelial cells in chronic thromboembolic pulmonary hypertension exhibit cytoskeletal alterations.
Miriam Peracaula (Salt, Spain), Miquel Gratacós, África Martínez-Blanco, Núria Gavara, Jakob M König, Neus Luque, Paula Poyatos, Victor I Peinado, Manel Castellà, Isabel Blanco, Robert Szulcek, Joan Albert Barberà, Olga Tura-Ceide

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ALG-801 demonstrates superior therapeutic efficacy in sugen-hypoxia model of pulmonary hypertension
HQ Han (Thousand Oaks, United States), Xiaolan Zhou, Lyn Frumkin, Michael Gralinski, Peter Senese, Charles Dean, Jian Bi, Sandeep Sahay

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3A Session 15:45 - 17:00

Oral presentation: Cutting-edge trial data on biologics for airway diseases: asthma, COPD, chronic rhinosinusitis with nasal polyps and chronic cough

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care

Chairs : Dave Singh (Manchester, United Kingdom), Chair to be confirmed

Twice-yearly depemokimab demonstrates efficacy in patients with asthma and comorbid chronic rhinosinusitis with nasal polyps (CRSwNP): Phase III SWIFT-1/2 studies
Enrico Marco Heffler (Milano, Italy), Loretta Jacques, Chang-Qing Zhu, Anna Vichiendilokkul, Peter Howarth, Ian D. Pavord

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Depemokimab is associated with early and sustained improvements in patient-reported outcomes in CRSwNP: Data from the ANCHOR-1/2 trials
Marjolein Cornet (Leiderdorp, Netherlands), Oliver Pfaar, Philippe Gevaert, Richard Follows, Lee Tombs, Erica Zaiser, Laura Walrave, Tricia Finney-Hayward, Eugenio De Corso

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Tezepelumab reduces inflammatory biomarkers in adults with severe chronic rhinosinusitis with nasal polyps with and without comorbid asthma: results from the phase 3 WAYPOINT study
Brian J. Lipworth (Dundee (Angus), United Kingdom), Amin Allahyar, Mathias Cardner, Daniel Sutton, James Cartwright, Michael Lehmann, Greet De Baets, Daniel Muthas, Adam Platt, Ting Li, Vaishali Mankad, Julie Mclaren, Joseph K Han, Joseph D Sherrill

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Dupilumab efficacy in patients with asthma and allergic bronchopulmonary aspergillosis (ABPA)
Arnaud Bourdin (Montpellier Cedex 5, France), Jonathan Corren, Anand Shah, Caroline G. Baxter, Lavinia Davidescu, Heather Paleczny, Joseph Chiarappa, Andrew Fontenot, Paula Dakin, Elizabeth Laws, Jennifer Maloney, Lacey B. Robinson, Allen Radin

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Efficacy and Safety of Dupilumab (DUP) vs Omalizumab (OMA) in Chronic Rhinosinusitis with Nasal Polyps (CRSwNP) with Asthma (EVEREST study)
Enrico Marco Heffler (Milano, Italy), Anju T. Peters, Eugenio De Corso, Peter W. Hellings, G. Walter Canonica, Michal Springer, Joaquim Mullol, Philippe Gevaert, Justin Michel, Martin Wagenmann, Sherif Zaghloul, Mei Zhang, Mark Corbett, Scott Nash, James T. Angello, Amr Radwan, Yamo Deniz, Antonio Martin

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Mepolizumab Following Hospitalisation for Severe Exacerbation of Eosinophilic COPD
Hamish Mcauley (Leicester, United Kingdom), Cara Flynn, Omer Elneima, Hnin Aung, Wadah Ibrahim, Thomas Ward, Michelle Bourne, Tracy Thornton, Hannah Gilbert, Ghazala Waheed, Adam Wright, Rachael Evans, Michael Steiner, Cassey Brooks, Christopher Brightling, Neil Greening

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Mepolizumab for the treatment of refractory chronic cough with eosinophilic airways disease (MUCOSA): a randomized, double-blind, placebo-controlled trial
Nermin Diab (Toronto, Canada), Danica Brister, Elena Kum, Mustafaa Wahab, Wafa Hassan, Sue Beaudin, Catie Stevens, Jennifer Wattie, Lesley Wiltshire, Karen Howie, Kieran Killian, Kimberley Holt, Roma Sehmi, Gail Gauvreau, Jaclyn Smith, Paul O'Byrne, Imran Satia

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Comparable pharmacokinetics (PK), safety and tolerability of astegolimab administered subcutaneously (SC) via abdomen, thigh or upper arm: a Phase I, single-dose study
Wenhui Zhang (South San Francisco, United States), Logan Brooks, Yixuan Zou, Audrey Arjomandi, Sharrell Cooper, Michele Grimbaldeston, Michael Johnston, Olga Cristina Serafim Vieira Carvalho, Rebecca Saenz

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3B Session 15:45 - 17:00

Oral presentation: Shaping the future of respiratory care through artificial intelligence and evidence-based digital strategies

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Epidemiology | Public health | Pulmonary rehabilitation | General respiratory patient care

Chairs : Konstantinos Kostikas (Ioannina, Greece), Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom)

ChatGPT and Other Large Language Models for Parents' Questions About Childhood Asthma: A Comparative Study
David Drummond (Paris, France), Angéline Girault, Anais Le, Apolline Gonsard, Rola Abou Taam, Eytan Sarfati, Guillaume Lezmi

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The construct validity of real-world digital mobility outcomes in people with chronic obstructive pulmonary disease
Dimitrios Megaritis (Newcastle upon Tyne, United Kingdom), Michael Long, Martí De Las Heras, Victoria Alcaraz, Paula Alvarez, Joren Buekers, Clemens Becker, Julia Braun, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Heleen Demeyer, Anja Frei, Nicholas Hopkinson, Anisoara Ionescu, Alícia Josa Culleré, Sarah Koch, Anne-Marie Kirsten, Vita Lanfranchi, Jorge Lemos, Paolo Piraino, Lynn Rochester, Elena Gimeno-Santos, Ioannis Vogiatzis, Henrik Watz, Thierry Troosters, Judith Garcia-Aymerich

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Assessment of healthcare consumption and asthma control after implementation of remote monitoring in long-term multicentre paediatric asthma care.
Marc Oppelaar (Nijmegen, Netherlands), Annemie Boehmer, Laetitia Niers, Bart Van Ewijk, Lara Van Den Wijngaart, Peter Merkus, Marleen Van Gelder, Jolt Roukema

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Effects on life satisfaction using a digital therapy in individuals with pulmonary fibrosis – randomised controlled investigation
Mary Beth Scholand (Utah, United States), Jessica Shull, Joshua Solomon, Robert Hallowell, Mark Hamblin, Christopher Harden, Maureen Horton

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Patterns of adherence during home electronic monitoring in children with asthma in OUTERSPACERS. A randomised feasibility trial.
Will Carroll (Staffordshire, United Kingdom), James Chapman, Jason Suggett, Marie Ward, Jack Watson, Francis Gilchrist

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Validation and acceptability of the mobile app version of the Control of Allergic Rhinitis and Asthma Test for Children (CARATKids)
Inês Pais Cunha (Porto, Portugal), Dulce Abreu Da Mata, Sandra Ferraz, Daniela Da Rocha Couto, Catarina Ferraz, Sónia Silva, José Valente, Pedro Marques, João A. Fonseca, Inês Azevedo, Cristina Isabel Oliveira Jácome

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Effectiveness of early teleconsultation among COVID-19 mild and moderate patients with progression of COVID-19 related symptoms: A single-center, retrospective, cohort study
Olivia Dominique Payawal (Marikina City, Philippines), Sean Niccolo Alumno, Guinevere Dy-Agra, Christine Velasquez

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Quantifying the effectiveness of high acuity virtual hospital care for respiratory patients
Michael Shaw (London, United Kingdom), Edward Hiller, Eleanor Zinkin, Niall Keenan

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Implementing digital respiratory technologies: a CONNECT CRC systematic scoping review
Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom), Ayşe Önal Aral, Sami O. Simons, Shailesh Kolekar, Carlos Figueiredo, Kathleena Condon, Nicola Roberts, Katherina Bernadette Sreter, Zoe Mckeough, Hani Salim, Aleksandra Gawlik-Lipinski, Apolline Gonsard, Anna Vanoverschelde, Matthew Armstrong, Dario Kohlbrenner, Cátia Paixão, Patrick Stafler, Efthymia Papadopoulou, Milan Mohammad, Izolde Bouloukaki, Malek Chaabouni, Georgios Kaltsakas, Kate Loveys, Tonje Reier-Nilsen, Anthony Paulo Sunjaya, Adrian Paul Rabe, Shirley Quach, Paul Robinson, Hilary Pinnock, Amy Hai Yan Chan

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Elicium 1 Session 15:45 - 17:00

Oral presentation: Advances in bronchiectasis: inflammation, infection and intervention

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Pulmonary function testing Pulmonary rehabilitation

Chairs : Chair to be confirmed

Efficacy and safety of brensocatib in patients with non-cystic fibrosis bronchiectasis by exacerbation history: Analysis of the ASPEN trial
Michael Loebinger (London, United Kingdom), Charles S. Haworth, David Mauger, Mark L. Metersky, James D. Chalmers, Melanie Lauterio, Xiangmin Zhang, Vivian H. Shih, Ariel Teper, Carlos Fernandez

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A bispecific monoclonal antibody targeting Pseudomonas aeruginosa in bronchiectasis: results from the GREAT-2 trial
Merete Bridget Long (Dundee, United Kingdom), Rebecca C Hull, Amy Gilmour, Kateryna Viligorska, Hollian Richardson, Jaa Ming New, Chandani Hennayake, Rachel Galloway, Eve Mcintosh, Zsofia Eke, Holly Lind, Margaret Band, Hasi Bandara, Gillian Martin, Stefano Aliberti, Alan Timothy, Joyce Norwell, Joanna Whitehouse, Charlotte L Addy, Lydia Finney, Philip Mitchelmore, Steven J Caskey, Robert W Lord, Adam T Hill, Montserrat Vendrell, Eva Polverino, Alicia Marin, Guillermo Suarez-Cuartin, Michael R Loebinger, Michael Tunney, Karen Cartwright, Rod Hughes, Antonio Digiandomenico, Maria G Belvisi, Wayne Brailsford, Charles Haworth, Oriol Sibila, Jamie Stobo, James D Chalmers

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Airway epithelial integrity in bronchiectasis (BE): Preliminary data from the BRILLIANT study
Erin Cant (Dundee, United Kingdom), Morven Shuttleworth, Emma Johnson, Thomas Pembridge, Lucy Bidgood, Hollian Richardson, Jamie Stobo, Holly Lind, Kateryna Viligorska, Daniela Alferes Da Lima Headley, Rebecca Hull, Eve Mcintosh, Hannah Dickson, Qingyou Du, Chandani Hennayake, David W Connell, Helen Liddicoat, Adam Platt, Maria Belvisi, Kristoffer Ostridge, Adnan Azim, Merete Long, James D Chalmers, Amelia Shoemark

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Amplified aberrant small airway basal stem cells contribute to pathogenesis of bronchiectasis
Wei Rao (Hangzhou, China), xiaowen Zhang, Mingyuan Jin, Renfeng Zhang, Qi Su, Na Li, Qi Chen, Xiaomin Yu, Lanzhu Peng, Bingxin Lin, Nina Sun, Xinjin Shi, Xia Qiu, Yan Li, Qinqin Xu, Guan Li, Wenchao Li, Yue Liu, Feifei Song

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Geographic variation and clinical correlates of the bronchiectasis mycobiome: Data from the EMBARC-BRIDGE study
Kai Xian Thng (Tampines, Singapore), Micheál Mac Aogáin, Tavleen Kaur Jaggi, Ser Hon Puah, Mariko Siyue Koh, Mau Ern Poh, Morven Shuttleworth, Merete B Long, Hollian Richardson, Holly Lind, Daniela Alferes De Lima Headley, Kara Robertson, Jennifer Pollock, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael R Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Amelia Shoemark, James D Chalmers, Sanjay H. Chotirmall

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Characterising systemic inflammation in patients with bronchiectasis: data from the EMBARC BRIDGE study
Chloe Hughes (Dundee, United Kingdom), Merete, B Long, Kateryna Viligorska, Jamie Stobo, Pieter, C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles, S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix, C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Amelia Shoemark, Faisel Khan, James, D Chalmers

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The frequent exacerbator phenotype in bronchiectasis revisited: Data from the European Bronchiectasis Registry (EMBARC)
Oriol Sibila Vidal (Barcelona, Spain), Lidia Perea, Pierre-Régis Burgel, Eva Polverino, Michal Shteinberg, Jennifer Pollock, Jamie Stobo, Holly Lind, Charles S Haworth, Katerina Dimakou, Apostolos Bossios, Raja Dhar, Michael R Loebinger, Rosario Mendez, Antoni Torres, Francesco Blasi, Montserrat Vendrell, Pieter C Goeminne, Felix C Ringshausen, Anthony De Soyza, Stefano Aliberti, James D Chalmers

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Identifying Predictors of Response to Pulmonary Rehabilitation in Bronchiectasis: A Prospective Study
Ilaria Prete (Mogliano Veneto (TV), Italy), Maddalena Chizzolini, Giorgio Santelli, Giuseppe Zanardi, Virginia Santello, Daniele Previtero, Erica Bazzan, Umberto Semenzato

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Transcriptomics of air-liquid interface epithelial cultures derived from bronchiectasis patients in the EMBARC-BRIDGE study reveals novel dysregulated pathways
Max Schwiening (CAMBRIDGE, United Kingdom), Daniel Jachimowicz, Damla Etal, Morven Shuttleworth, Erin Cant, Merete B Long, Michal Shteinberg, Eva Polverino, Pieter Goeminne, Francesco Blasi, Stefano Aliberti, Charles Haworth, Felix Ringshausen, Michael Loebinger, Natalie Lorent, Adnan Azim, Greet De Baets, Xavier Romero Ros, E. Suzanne Cohen, Sam Strickson, Amelia Shoemark, James D Chalmers

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Amtrium Session 15:45 - 17:00

Oral presentation: Optimising diagnostic and predictive tools for lung cancer management

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Cell and molecular biology Imaging Surgery Endoscopy and interventional pulmonology Physiology Public health

Chairs : Georgia Hardavella (Athens, Greece), Redouene Sid Ahmed Benazzouz (Alger, Algeria)

ALOX5 inversely correlates with the neutrophil-to-lymphocyte ratio, an adverse prognostic marker in NSCLC.
Joshua Iscaro (Aberfeldie, Australia), Savreet Aujla, Hao Wang, Steven Bozinovski

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Instant assessment of lung biopsies using higher harmonic generation microscopy during navigation bronchoscopy: a multi-center study
Annick J.H.E van der Kroef (Nijmegen, Netherlands), Sylvia Spies, Roel L.J Verhoeven, Jouke T Annema, Marie Louise Groot, Erik H.F.M Van Der Heijden

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Optimizing Malignancy Prediction: A Comparative Analysis of Transfer Learning Techniques on EBUS Images
Neslihan Özçelik (Rize, Turkey), Ali Erdem Özçelik, Emre Bendeş, Gizem Özçıbık Işık, Ömer Topaloğlu

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Emphysema on baseline low-dose CT in asymptomatic participants of lung cancer screening programs predicts COPD, lung cancer, and other causes of death after 25 year follow-up
Jessica Gonzalez Gutierrez (Lleida, Spain), Rowena Yip, Javier Z. Zulueta, Samuel Aguayo, David F Yankelevitz, Claudia I Henschke

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The Czech Lung Cancer Screening Programme: Monitoring for Continuous Quality Improvement
Martina Koziar Vasakova (Praha 10, Czech Republic), Karel Hejduk, Ivana Cierna-Peterova, Hynek Mirka, Bohumil Seifert, Vladimir Koblizek, Alena Bahenska, Marketa Vranova, Marcela Koudelkova, Renata Chloupkova, Ondrej Ngo, Nikola Stourac, Ondrej Majek

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Selective anticancer effects of 4g on lung epithelial cell lines
Salvatore Bucchieri (Carini, Italy), Claudia D Anna, Caterina Di Sano, Francesco Mingoia

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mRNA signature in plasma for discrimination of malignant vs. benign pulmonary nodules
Raquel Viana (Barcelona, Spain), Adriana Delgado, Elizabeth Martínez-Pérez, Ana Giménez-Capitán, Carlos Pedraz-Valdunciel, Andrés Aguilar-Hernández, Sara Vilà, Héctor Riera, Felipe Coll-Klein, Ivana Sullivan, Gabriel Calero, Irene Moya, Paula Barcos, Roxana Reyes, Francisco Gabriel Ortega, Cristina Rodríguez-Muñoz, Susana Muñoz, Clara Mayo-De-Las-Casas, Miguel Ángel Molina-Vila, Pablo Rubinstein

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Radiomics-driven risk stratification system for differentiating benign and malignant pulmonary nodules: A multicenter study
Yi Chen (Chong qing, China), Xuan Li, Wangjia Li, Lingqi Gao, Qi Li, Fajin Lv, Yuan Li

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Extraction of Information Features from Multicenter Ground-Glass Lung Nodules Using Different Dilated Masks: Application for Malignant Nodule Detection
lingfeng bi (Chengdu, China), Jiayi Li, Xin Wang, Weimin Li

G104/105 Session 08:00 - 10:20

Skills workshop: SW8 SW8: Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion

Additional registration is required for this session.

Aims : to provide the technical expertise needed to perform spirometry, whole-body plethysmography and diffusion testing according to both best practice and the latest recommendations that are supported by experts in the field; to explain the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and diffusion capacity of the lungs; to discuss the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases Paediatric respiratory diseases

Method(s) : Physiology Pulmonary function testing

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Physiologist

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands)

08:00	**Performing spirometry** Lindsay Zurba (Durban, South Africa)
08:00	**Standardised static lung volume measurement and airway resistance using whole-body plethysmography** Aisling McGowan (Dublin 15, Ireland)
08:00	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Frans H.C. De Jongh (Enschede, Netherlands)
08:00	**Reporting and interpretation of case studies** Gregory King (Sydney (NSW), Australia)

PS-7 Session 08:00 - 09:30

Poster session: Impact of environmental insults and inflammatory responses in COPD

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Physiology Cell and molecular biology Public health General respiratory patient care

Chairs : Padmini Khedoe (Den Haag, Netherlands), Chair to be confirmed

Damage-associated molecular patterns (DAMPs) released by macrophages exposed to cigarette smoke and lipopolysaccharide promote steroid-resistant inflammation
Chiara Cipollina (Palermo (PA), Italy), Maria Rita Giuffrè, Chiara Finocchio, Salvatore Caruccio, Nicolina Sciaraffa, Claudia Coronnello, Marco Buscetta, Alice Conigliaro

The role of probiotics in modulating pulmonary epithelial inflammation
Marta Pagnini (, Italy), Annalisa Visciglia, Giovanni Deusebio, Marco Pane, Alessandro Celi, Angela Amoruso, Tommaso Neri

Oestrogen and ER-β: implications for airway inflammation in COPD
Christine Mwasuku (Benfleet, United Kingdom), Mona Bafadhel, Jonathan Baker

Association Between miR126 Targets And Hematocrit Levels in COPD
Claudia Onofrei (Denver, United States), Ryen Ormesher, Yue Wang, Khushboo Goel, Katerina Kechris, Irina Petrache

Exploring the association between eosinophils and autoimmunity in COPD
Alejandro Torvisco Tello (Barcelona, Spain), Sandra Casas, Àlvar Agustí, Judith Garcia-Aymerich, Rosa Faner

Could a diet rich in Oloreupein counteracts the negative action of cigarette smoke on oxidative stress and epigenetic modifications in the airways? An in vitro model.
Mirella Profita (Palermo (PA), Italy), Angela Marina Montalbano, Caterina Di Sano, Giusy Daniela Albano, Rosalia Paola Gagliardo

Chlamydia pneumoniae modulates neutrophil inflammation via unconventional pathways
Dóra Paróczai (Deszk, Hungary), Anett Magyari, Rozália Igyártó, Valéria Endrész, Katalin Burián

New insights into the neutrophilic phenotype from the NOVELTY study
Rosa Faner (Barcelona, Spain), Adnan Azim, Neha Cheemalavagu, Arun Jayaraman, Zhi Liu, Greet De Baets, Adam Platt, Gary P Anderson, Rod Hughes, Hana Müllerová, Lisa Öberg, Helen K Reddel, Stephanie Christenson, Maarten Van Den Berge, - For The Novelty Scientific Community And The Novelty Scientific Investigators

Comparison Surface Proteins on Extracellular Vesicles from Healthy and COPD Cells
Justine Devulder (London, United Kingdom), Efthymios Fousekis-Papakonstantinou, Mareike Lehmann, Louise Donnelly, Peter Barnes

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Plasma proteomic profiles for eosinophilic inflammation in NOVELTY
Maarten van den Berge (Groningen, Netherlands), Adnan Azim, Alberto Papi, Helen K Reddel, Neha Cheemalavagu, Arun Jayaraman, Zhi Liu, Greet De Baets, Daniel Muthas, Adam Platt, Gary Anderson, Rod Hughes, Hana Müllerová, Lisa Öberg, Stephanie Christenson, Rosa Faner, - For The Novelty Study Investigators

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Transcriptome analysis reveals aberrant B-cell immune response promotes COPD progression
yiling chen (Beijing, China), Chu Xu, Qian Zhang, Baicun Li, Ting Yang

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PAD4 deficiency alleviates airway inflammation in a mouse model of COPD exacerbation
Tao Wang (Chengdu (Sichuan), China), Mengxin Cheng, Yu Wu, Zijian Zeng, Yutian Zhang, Bi Ran, Jun Chen, Fuqiang Wen

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Temperatures exacerbated adverse effects caused by diesel exhaust particle on type II alveolar epithelial cells differentiation
SYUE-WEI PENG (Taipei City, Taiwan), Hsiao-Chi Chuang

PM2.5 exposure modulates inflammation and markers of barrier integrity in the lungs of rats: A comparative study of chronic and acute exposure
Irma Mahmutovic Persson (Lund, Sweden), Fanny Bergman, Lena Ohlsson, Sangeetha Ramu, Mandy Menzel, Christina Isaxon, Lena Uller

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Dietary fibre modulates Alveolar Macrophage and progenitor cells function through SCFA-mediated gene expression
Aishat Azeez (Dublin, Ireland), Lian Dahlan, John Baugh

The water extract of “Jiao Mei Gu” alleviates acute lung injury by inducing macrophage anti-inflammatory polarization via IL-10-mediated fatty acid oxidation
Jing Gao (Shanghai, China), Ximing Liao, Di Wu, Kun Wang, Qiang Li, Wei Gao

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Apple Pulp Callus attenuates cigarette smoke-induced oxidative stress in airway epithelial cells
Rosalia Gagliardo (Palermo (PA), Italy), Angela Marina Montalbano, Andrea Perri, Daniele Fraternale, Caterina Di Sano, Giorgio Brandi, Giusy Daniela Albano, Mirella Profita, Valentina Lazzara, Velia Malizia, Stefania La Grutta

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Impact of Cigarette smoke on DNA Methylation and MUC21 Expression in COPD
Taoyu Li (Hanzeplein 1, Netherlands), Marnix Jonker, Kingsley Okechukwu Nwozor, Xinzi Zheng, Irene Heijink, Maaike De Vries

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Cigarette smoke increases infectious risk altering innate immune response in airway models
Paola Pinto (PALERMO, Italy), Maria Ferraro, Stefania La Grutta, Elisabetta Pace, Serena Di Vincenzo

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Effects of FAM8A1-mediated ERAD on Macrophage Polarization in Chronic Obstructive Pulmonary Disease
yanan zhang (yinchuan, China), RUONAN LV, Yuling Wang, Mingrui Wan

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PS-28 Session 08:00 - 09:30

Poster session: Advancing pneumonia care: scoring systems, treatment decisions and real-world practice

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Transplantation Epidemiology Respiratory intensive care Public health Pulmonary rehabilitation Pulmonary function testing

Chairs : Catia Cilloniz Campos (Barcelona, Spain)

Smoking status, etiology and comorbidity – is it influence on the course of community-acquired pneumonia (CAP)?
Mariia Krykhtina (Dniepropetrovsk, Ukraine), Kseniia Bielosludtseva, Tetyana Pertseva, Yuliia Huba, Olena Myronenko

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Impact of hospital-acquired pneumonia on intensive care unit stays and ventilation in liver transplant patients
Syed Murtaza Hassan Kazmi (Islamabad, Pakistan), Areeba Nisar, Ahmed Talha Tariq, Fatima Rehman, Muhammad Adil Azmat, Muhammad Rizwan, Abu Bakar Hafeez Bhatti

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Quality of life in patients with community-acquired pneumonia and polymorbidity.
Valentin Calancea (Chisinau, Codru, Republic of Moldova), Ion Sirbu, Sergiu Matcovschi, Elena Calancea, Doina Ranga

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"Frailty Enhances Prognostic Accuracy Compared to CURB-65 in Community-Acquired Pneumonia"
Oğuz Karcioğlu (Ankara, Turkey), Hande Çelik, Duygu Aydın, Serdar Ceylan, Aytekin Idikut, Ali Batur, Elif Öztürk, Meltem Gülhan Halil, Cafer Balcı, Mert Eşme

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Should we rely on A-DROP or CURB-65 score in prediction of mortality risk of patients with CAP
Desa Nastasijević Borovac (Niš, Republic of Serbia), Borislav Božanić, Tatjana Pejčić

Predictors of hospital-acquired pneumonia in liver transplant patients: insights from a resource-limited setting
Syed Murtaza Hassan Kazmi (Islamabad, Pakistan), Areeba Nisar, Ahmed Talha Tariq, Fatima Rehman, Muhammad Zeeshan, Muhammad Hamza Iqbal, Abu Bakar Hafeez Bhatti

Prevalence and Prognosis of Immunocompromised Patients in Hospitalized CAP Patients: A Cross-Section Study from a Chest Diseases Hospital
Çigdem Sabanci (Istanbul, Turkey), Fatma Muge Batı Alyurt, Gulsah Gunluoglu, Hulya Abalı, Sida Gosterïcï, Sevdenur Özer, Fatma Tokgöz Akyıl

From Non-Ventilator Hospital Acquired Pneumonia to Ventilator Hospital Acquired Pneumonia: How Things End up
Jatu Aphridasari (Surakarta (Central Java), Indonesia), Linda Soebroto, Luthfia Nur Aini

Sex-related disparities in severe CAP: experiences from a multi-center prospective study in China
Yusang Xie (Shanghai, China), Jingya Zhao, Yu Chen, Yi Huang, Yuping Li, Dongwei Shi, Jinfu Xu, Qiuyue Wang, Bei He, Ning Shen, Bin Cao, Danyang She, Yi Shi, Xin Su, Hua Zhou, Hong Fan, Feng Ye, Qiao Zhang, Xinlun Tian, Guoxiang Lai, Jing Zhang, Min Zhou, Jieming Qu

The improved prediction value of neutrophil to lymphocyte ratio to pneumonia severity scores for mortality in the elderly with community-acquired pneumonia
lixue huang (beijing, China), Bingxuan Weng, Mengyuan Wang, Jianzhen Weng, Xunliang Tong, Yang Ju, Yanming Li

Influence of corticosteroids in Community Acquired Pneumonia: a multivariate analysis
Manya Ranganthan (, United Kingdom), Rachel Snoddy, Kerrimarie Heenan, Maire Drain, Paul Minnis

Retrospective review of pneumonia severity scoring methods in stratifying pneumonia severity, mortality, and NIV requirements
Joanna Huang (Sydney, Australia), Ken Khaw, Jessica Ward, Anindita Dey, Anushka Dashputre, Ben Knippenberg, Ben Kwan, Corinna Pan, Ridzuan Mohsin

Evaluating adherence to national standards for community-acquired pneumonia management: a retrospective single centre audit
Gabriela Kopernicka (Chelmsford, United Kingdom), Abigail Moore, Vinitha Kirupaharan, Charisma Nash, Bethany Sinclair

Compliance with the National Institute of Healthcare and Clinical Excellence (NICE) guidelines for the hospital discharge of patients with a Community Acquired Pneumonia (CAP)
Ria Mukherjee (Telford, United Kingdom), Sabha Nadeem, Koottalai Srinivasan, Harmesh Moudgil

Management gaps and prospects in the older patients with lower respiratory tract infectionsLRTIs): now and future
Bingxuan Weng (Beijing, China), Yanming Li, Jin Jin

Design of a patient-centered shared decision-making aide for emergency department disposition in pneumonia
Matthew Christensen (Nashville, United States), Freneka Minter, Yasemin Akdas, Russ Beebe, Carrie Reale, Janelle Faiman, Brett Nance, Kathryn Kuttler, Jason Carr, Nathan Dean, Shilo Anders, Jason Slagle, Marc Probst, Michael Ward

Performance of various pneumonia severity models in predicting 1-year mortality in elderly inpatients with community-acquired pneumonia
lixue huang (beijing, China), Bingxuan Weng, Jianzhen Weng, Juyang Tong, Yang Ju, Yanming Li

Factors associated with increased in-hospital mortality among older patients with aspiration pneumonia: A nationwide database study in Japan.
ryohei kudoh (Yufu, Oita, Japan), Akihiko Hagiwara, Hisayuki Shuto, Shota Omori, Kiyohide Fushimi, Kosaku Komiya

Descriptive Analysis of a Real-World-Cohort of Patients with Post-Covid-Condition in a pulmonary Doctor's Practice – Cough and Dyspnea
Carolin Endres (Ochtendung, Germany), Paul Beyer, Christoph Nell, Andreas Rembert Koczulla, Susanne Wilhelm, Timm Greulich

PS-39 Session 08:00 - 09:30

Poster session: Endobronchial ultrasound: mediastinal lymph nodes and tumours

Disease(s) : Thoracic oncology | Pulmonary vascular diseases | Airway diseases

Method(s) : Endoscopy and interventional pulmonology | Imaging | Surgery | Epidemiology

Chairs : Katerina Bakiri (Cholargos, Attiki, Greece), Chair to be confirmed

The impact of TNM 9th edition in EBUS TBNA staging of non-small cell lung cancer (NSCLC): a single centre retrospective study.
Irene Pomero (Torino, Italy), Letizia Valsecchi, Luca Riberi, Aleksandar Veljkovic, Massimo Comune

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Differences between TNM 8th and TNM 9th staging in predicting mortality in newly diagnosed lung cancer patients staging by EBUS
Ezgi Demirdogen (Bursa, Turkey), Orkun Eray Terzi, Özge Aydın Güçlü, Ahmet Ursavaş, Mehmet Karadağ

New approaches in Endobronchial ultrasound transbronchial needle agobiopsy (EBUS-TBNA): comparison between elastography and contrast enhanced ultrasound in EBUS (CE-EBUS)
Matteo Maria Artiano (Rome, Italy), Olimpia Calò, Krisstopher Richard Flores, Ilaria Cuccaro, Rossana Vigliarolo, Angela Maria Pia Succu, Giuseppina Gioffrè, Maria Cristina Zappa, Leo Guidobaldi, Federica Olmati, Paolo Palange

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Contrast Enhanced Endobronchial Ultrasound (CE-EBUS): A potential new aid in endoscopic ultrasound diagnosis
Olimpia Calò (Roma, Italy), Matteo Artiano, Krisstopher Richard Flores, Federica Olmati, Ilaria Cuccaro, Giuseppina Gioffrè, Rossana Vigliarolo, Angela Succu, Leo Guidobaldi, Antonella Rossi, Paolo Palange, Maria Cristina Zappa

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RESULTS OF EBUS-TBNA IN THE DIAGNOSIS OF BRONCHOGENIC CANCER AND REASONS FOR REPEATING THE PROCEDURE IN OUR UNIT.
Cesar Alejandro Araque Molina (Madrid, Spain), Jorge Rabago Castro, David Martos Ruiz, Inmaculada Castillo Gil, María Belén López-Muñiz Ballesteros, María Beatriz Arias Arcos,, Julio Hernández Vázquez, África Alcorta Mesas, Carmen Matesanz Ruiz, Carmen, Mariara Calderón Alcalá, María Isabel Andrade Vela, Luis Arvelo Castro, Elena Rodríguez Jimeno, Miguel Suárez Ortiz, Miguel Lorente González, Daniel Hiad Mouhtar El Halabi, Irene Milagros Domínguez Zabaleta, María Jesús Buendía García, Silvia Martín Bote, Ismael Ali García

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Associated factors with non-diagnostic histopathological examination in samples obtained by the endobronchial ultrasound-transbronchial needle aspiration: A retrospective cohort study
Ümran Özden Sertçelik (Ankara, Turkey), Ebru Sengul Seref Parlak, Habibe Hezer, Eren Goktug Ceylan, Ahmet Sertcelik, Ayşegul Karalezli

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Diagnostic Value of PET/CT and Computed Tomography in Cases Breast Cancer with Mediastinal Lymph Nodes Diagnosed with Endobronchial Ultrasonography
Kemal Can Tertemiz (Izmir, Turkey), Gözde Şimşek, Hüseyin Salih Semiz, Çisem Kalyoncu Sarıoğlu, Özge Yetkinoğlu, Nurcan Güler, Duygu Gürel, Erkan Derebek, Naciye Sinem Gezer

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Predictive value of Hounsfield Unit, SUVmax and LAP Size in Differentiating for Outcomes in EBUS Patients
Caner Çınar (istanbul, Turkey), Zeynep Mercancı, Şehnaz Olgun Yıldızeli, Derya Kocakaya

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The EBUS Edge : Transforming Diagnostic Accuracy in mediastinal and hilar lymphadenopathy in patients with Extrathoracic Cancer: The Indian experience.
Aayushi Gupta (Mumbai, India), Anshu Punjabi, Pavankumar Biraris, Maheema Bhaskar, Y C Kriti, Anish Lodha, Karmay Shah, V Karthik, Virendra Tiwari, Devayani Niyogi, Sabita Jiwnani, Kunal Gala, Amit Janu, Nitin Shetty, Swapnil Parab, Madhavi Shetmahajan, Priya Ranganathan, Gaurav Salunke, Rajiv Kaushal, Suyesh Kulkarni, Sandeep Tandon, C S Pramesh

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Inflammatory Reaction post EBUS-TBNA and the role of IL-6
Fotios Sampsonas (Patra, Greece), George Tsirikos, Aris Anagnostopoulos, Evaggelia Koukaki, Panagiota Tsiri, Matthaios Katsaras, Ourania Papaioannou, Dimitris Komninos, Dionisios Papalexatos, Vasileios Karamouzos, Ilektra Koulousousa, Vassilina Sotiropoulou, Foteinos Dimitrakopoulos, Anastasia Kottorou, Grigorios Stratakos, Argyrios Tzouvelekis

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Unmasking The Masquerader: Endobronchial Ultrasound Features In Distinguishing Malignant And Benign Lymphnodes In A Tuberculous Endemic Country.
Aayushi Gupta (Mumbai, India), Anshu Punjabi, Maheema Bhaskar, Pavankumar Biraris, Y C Kriti, Anish Lodha, Karmay Shah, V Karthik, Virendra Tiwari, Devayani Niyogi, Sabita Jiwnani, Kunal Gala, Amit Janu, Nitin Shetty, Swapnil Parab, Madhavi Shetmahajan, Priya Ranganathan, Rajiv Kaushal, Gaurav Salunke, Suyash Kulkarni, Sandeep Tandon, C S Pramesh

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Comparison of diagnostic yield at EBUS with and without ROSE.
Chi Han Leong (London, United Kingdom), Helen Meredith

Endoscopic ultrasound with bronchoscope-guided fine-needle-aspiration (EUS-B-FNA) for necrotic mediastinal lymphadenopathy in unresectable lung cancer: safety and diagnostic yield
Teresa Calari (Bologna, Italy), Filippo Natali, Martina Ferioli, Marco Ferrari, Thomas Galasso, Gian Piero Bandelli, Tommaso Abbate, Piero Candoli

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Diagnostic value of repeat endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA)
Emad Abugassa (Stafford, United Kingdom), Viktoria Oakden, Mohammed Hussain, Muhammad Badar Ganaie

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ROLE OF EBUS-TBNA IN RADIOLOGICALLY NON-PATHOLOGIC MEDIASTINAL LYMPH NODES IN PATIENTS WITH A HIGHLY SUSPICIOUS LUNG DISEASE
Dejan Radovanovic (Milano (MI), Italy), Sarah O' Donnell, Marina Saad, Fiammetta Danzo, Juan Camilo Signorello, Peter Dilov, Lisa Milani, Luca Carsana, Pierachille Santus

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Ultrasound-Guided Biopsy with Modified Menghini Needle: A Safe, low-cost and High-Efficacy Technique for Pulmonologists
Maria Angela Vittoria Anna Chiara Licata (Rome, Italy), Alessia Mari, Sandro Cinotti, Marco Di Perna, Luigia Dari Salisburgo, Roberta Di Crecchio, Stefano Feliciangeli, Gian Luca Primomo

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Transvenous Mediastinal Biopsy (TVMB) for Mediastinal Masses with Superior Vena Cava Syndrome: A Case Series with Systematic Review
Jiang Faming (chengdu, China), Wang Ye

PS-20 Session 08:00 - 09:30

Poster session: Tobacco cessation: from behavioural support to pharmacotherapy

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Public health Epidemiology Pulmonary function testing General respiratory patient care Pulmonary rehabilitation

Chairs : Paraskevi Katsaounou (Athens, Greece)

A study of different smoking cessation treatments at the anti-smoking clinic of virgen del rocío hospital in seville
David Echavarria (Sevilla, Spain), Oliviero Ruiz, Maria Ruiz-Serrano, Pedro García, Marco Mesa, Carolina Bravo, Candido Fernandez, Maria Dolores Núñez, Francisco Ortega

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Smoking cessation after a hospital admission - Who remains abstinent after discharge?
Pedro Viegas (Vila Nova de Gaia, Portugal), Leonor Roseta, Marta Sá Marques, Daniel Coutinho, Paula Faustino, Manuel Preto, Teresa Almeida, Ivone Pascoal

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Smoking cessation in cancer patients: still a gap to fill?
Chiara Veronese (Milano, Italy), Roberto Mazza, Elena Munarini, Elisa Cardani, Debora Spitaleri, Roberto Boffi

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Impact of immediate appointment scheduling on quit success at first year follow ups: Mid-term outcomes of a randomized trial of smokers with chronic airway diseases
Dilek Karadoğan (Rize, Turkey), Tahsin Gökhan Telatar, Ilknur Kaya, Siahmet Atlı, Neslihan Köse Kabil, Feride Marım, Merve Yumrukuz Şenel, Aycan Yüksel, Burcu Yalçın, Ökkeş Gültekin, Merve Erçelik, Metin Akgün

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Real world data of two months cytisine administration for smoking cessation
Vasiliki Petta (Athens, Greece), Nikolaos Athanasiou, Georgios Poupouzas, Vasiliki Ntoumou, Konstantina Dede, Aliki Korkontzelou, Konstantinos Thomas, Xaralampos Georgiadis, Zafeiria Barbaressou, Paraskevi Katsaounou

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Smoking cessation support for hospitalised patients with COPD: A clinical intervention study
Jannie Frølund (Vejle, Denmark), Anders Løkke, Ingeborg Farver-Vestergaard

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Changes in smoking behavior after the diagnosis of their lung cancer
sirine khemiri (tunsiia, Tunisia), Hajer Racil, Sarra Maazaoui, Amany Touil, Mariem Chaabene, Tasnime Zneugui, Sonia Habibech, Nawel Chaouch

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Analysis of smoking habits and cessation strategies in 150 tunisian smoking patients
Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Hadhemi Rejeb, Yosra Bellil, Nawres Hamdawi, Dorra Greb, Hanene Smadhi, Leila Elfekih

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Bridging the gaps in inpatient tobacco dependency management: A quality improvement project
Chaw Hsu (Stevenage, United Kingdom), Myat Thin, Muhammad Arif

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The effect of tobacco consumption methods on smoking cessation success
Volodymyr Tsmok (Vinnytsia, Ukraine), Oksana Poberezhets, Sofia Borysenko, Khrystyna Volnytska, Svitlana Kovalenko

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Sociodemographic factors for hospitalized exacerbation in non-smoker and smoker with COPD: insights from a Chinese prospective cohort study
Zhoude Zheng (Beijing, China), Ke Huang, Wei Li, Hongtao Niu, Jieping Lei, Fen Dong, Xinyao Tang, Richard Russell, Mona Bafadhel, Ting Yang, Chen Wang

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Ophthalmological Effects of Electronic Cigarettes
Mercedes Segura Romero (Málaga, Spain), Sara Sánchez Martin, Daniel Enrique Vega Lizarazo, Elena Condorelli, Eva Cabrera César, José Luis Velasco Garrido

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Pack-years predict COPD-like symptoms and underscore risk in smokers without known lung disease
Magno F Formiga (Fortaleza, CE, Brazil), Jennifer Wendy Teixeira Façanha, Artur Solon Lima, Roberta Catunda Costa, Andressa Rodrigues De Souza, Rafael B Mesquita

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Epidemiological study of early detection of young COPD in pod e-cigarettes smokers and traditional cigarette smokers of the Volyn Region of Ukraine.
Oleh Yakovenko (Lutsk, Ukraine), Alla Hrytsiuk, Inna Matrunchyk, Olena Novosad, Oleh Lysiuk, Olha Korzhyk, Oksana Viltsaniuk, Tetiana Yakovenko

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The relationship between nicotine addiction and risk-taking among cigarette and e-cigarette users
Nazlı Zeynep Uslu (Istanbul, Turkey), Ebru Bilir, Arif Ataberk Büyükyatikci, Eleanore Altunay, Merih Kalamanoglu Balci

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Novel cytisine regimen for smoking cessation: preliminary real-life effectiveness and tolerability data
Claudia Meschi (Pisa (PI), Italy), Valentina Bessi, Giacomo Guglielmi, Lucia Lupetti, Laura Carrozzi, Francesco Pistelli

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Comparison of heat-not-burn-tobacco-products and cigarette use effect on lung health deterioration in adults
Aida Mujakovic (Sarajevo, Bosnia and Herzegovina), Saied Al Salloum, Besim Prnjavorac, Belma Paralija, Emir Čokić

Short-term changes in respiratory function and diffusion in dual smokers.
Aldo Pezzuto (Roma, Italy), Alberto Ricci, Alessia Pacini, Giosue' Amoroso, Valerio Brigato, Noemi Calabro', Teresa Palermo, Gerardo Salerno

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Snus use is associated with elevated levels of Troponin I among younger individuals
Ulf Nilsson (Umeå, Sweden), Hermon Amman, Magnus Lundbäck, Linnea Hedman, Jenny Bosson Damewood

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Trends in the mortality burden of Chronic Obstructive Pulmonary Disease attributable to secondhand smoke Globally and in Greece: 1990-2021
PERIKLIS MARNAS (Larisa, Greece), Eleftherios Papazoglou, Chryssi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis, Erasmia Rouka

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PS-11 Session 08:00 - 09:30

Poster session: Biologics for asthma and allergic rhinitis: novel trial data

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Cell and molecular biology

Chairs : Alberto Papi (Cona, Ferrara, Italy), Ran Wang (Manchester (Greater Manchester), United Kingdom)

Twice-yearly depemokimab demonstrates efficacy in patients with asthma across baseline medium- and high-dose ICS subgroups: Phase III SWIFT-1/2 studies
Ian D. Pavord (Oxford (Oxfordshire), United Kingdom), Matteo Bonini, Diana Jarreta, Nicholas Bird, Anna Vichiendilokkul, Pascal Chanez

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Geographic variation in outcomes in RCTs of biologic therapies in patients with asthma or COPD: A systematic literature review
David J. Jackson (London, United Kingdom), Piotr Kuna, Loretta Jacques, Rafael Alfonso-Cristancho, Tricia Finney-Hayward, Nishant Mehra, Tracy Taylor, Jiayue Yu, Lydia Vinals, Jeremiah Hwee

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Relationship between early lung function improvement with dupilumab and long-term clinical improvement in chronic obstructive pulmonary disease
Frits M.E. Franssen (Maastricht, Netherlands), Nicola A. Hanania, Nicolas Roche, Rongchang Chen, Wassim W. Labaki, Nadia N. Hansel, Gaëtan Deslée, Changming Xia, Benjamin Ferey, Mena Soliman

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Bronchoscopy measurements of tezepelumab pharmacokinetics and TSLP in asthmatic patients
Jacob Leander (Billdal, Sweden), Lubna Abuqayyas, Beata Pawlikowska, Petar Pop-Damkov, Joseph D. Sherrill, Gun Almqvist, Åsa Hellqvist, Sandhia Ponnarambil, Chris E. Brightling, Anna Lundahl

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A Multinational Phase 2, Randomized, Double-Blinded, Placebo-Controlled Study to Evaluate the Effect of Linvemastat (MMP12 inhibitor) in Patients with Uncontrolled Asthma on Inhaled Corticosteroids (ICS) with Long-Acting Beta Agonist (LABA) as SOC
Bassem Elmankabadi (San Ramon, United States), Yisheng Lee, Wenjin Yang, Mathieu Boudreau, Benjamin Chien, Connor Peterson

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APG808, an anti-IL-4Rα monoclonal antibody, demonstrates safety, extended half-life, and sustained inhibition of type 2 inflammatory biomarkers
Amol Kamboj (San Francisco, United States), Erica Winter, Lauren Wood, Cecilia Hale, Sai Thankamony, Carl Dambkowski, Xiu Qin Lim

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First-in-human study of 9MW1911 (an anti-ST2 monoclonal antibody) in healthy volunteers
Rui Chen (, United States), Qian Zhao, Zhitian Hu, Jing Feng, Qingxi Liu, Danfeng Yin, Yinhan Guo

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Evaluation of ACQ-5 components from the rilzabrutinib phase 2 asthma study
Jorge Fernando Maspero (Ciudad Autónoma Buenos Aires, Argentina), Ian D Pavord, William Busse, Tian Liu, Jessica Gereige, Leda Mannent, Renata Martincova

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Twice-yearly depemokimab is well-tolerated in randomised, double-blind, placebo-controlled Phase III SWIFT and ANCHOR studies
Marjolein Cornet (Leiderdorp, Netherlands), Arnaud Bourdin, Nicholas Bird, Dawn Edwards, Natalia Karkoszka, Richard Follows, David Muccino, Anna Vichiendilokkul, Laura Walrave, Peter Howarth, Daniel J. Jackson

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Clinical remission in patients with asthma treated with twice-yearly depemokimab in the Phase III SWIFT-1/2 studies
Michael E. Wechsler (Denver, United States), Giorgio Walter Canonica, Guy Brusselle, David Muccino, Richard Forth, Anna Vichiendilokkul, Peter Howarth, David J. Jackson

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Twice-yearly depemokimab demonstrates sustained pharmacokinetics and pharmacodynamics across Phase I and III trials
Stein Schalkwijk (London, United Kingdom), Anders Thorsted, Jakob Ribbing, Lénaïg Tanneau, Richard Follows, Loretta Jacques, Nicholas Bird, Peter Howarth, Anubha Gupta, Philippe Gevaert, Ian D. Pavord

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Rademikibart in moderate-to-severe asthma: Impact of eosinophils and regional differences on response
Raul Collazo (San Diego, United States), David Jackson, Mona Bafadhel, Dave Singh, Barry Quart

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Rapid and sustained FEV1 improvements with rademikibart in type 2 asthma: Impact of eosinophils and FENO
Raul Collazo (San Diego, United States), Michael Wechsler, Praveen Akuthota, Barry Quart

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A Phase 1 randomized, double-blind study of safety, tolerability and pharmacokinetics of Solrikitug in healthy participants
Bojan Lalovic (Malvern, United States), Amy Woo, Kiyomi Komori, Hector Ortega, Andrew Lee, Tim Henkel, Lisa Wittmer

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Absorption, distribution, metabolism, and elimination (ADME) study strengthens clinical pharmacology package of londamocitinib
Julia Lund (Mölndal, Sweden), Helena Dahlbäck, Peter Bold, Maria Heijer, Rod Hughes, Tina Jellesmark Jensen, Davinder P S Dosanjh, Maria G Belvisi, Camille Riff

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A study to investigate the safety, tolerability and pharmacokinetics of londamocitinib, an inhaled Janus kinase 1 inhibitor, in healthy Japanese and Chinese participants (NCT06519968)
Mohd Nubli Mustapa (Cambridge, United Kingdom), Tina Jellesmark Jensen, Rod Hughes, Rachel Moate, Jitendar Reddy, Camille Riff, Julia Lund, Maria G Belvisi, Sarah S Grant, Pablo Forte-Soto, Davinder P S Dosanjh

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OCS reduction with tezepelumab in OCS-dependent patients with severe allergic, eosinophilic asthma in WAYFINDER
Guy Brusselle (Ghent, Belgium), David J Jackson, Njira L Lugogo, Mark Gurnell, Liam G Heaney, Stephanie Korn, Pascal Chanez, Ricardo Del Olmo, Jean-Pierre Llanos, Javier Moreno Sepena, Bill Cook, Amit Parulekar, Neil Martin, Shradha Chandarana

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Predicting long-term remission with benralizumab in severe eosinophilic asthma (SEA): Post-hoc analysis of SIROCCO, CALIMA, BORA
David Price (Singapore, Singapore), Marek Lommatzsch, Sean Swisher, Soram Patel, David Cohen, Flavia C. L. Hoyte

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Dose Optimization and Exposure-Response Analyses to Support the Dose Selection of TQC2731, a Novel Anti-TSLP Monoclonal Antibody, in Patients with Severe Asthma
Shixing Zhu (Nanjing, China), Xin Wang, Li Mei, Ding Yu

Twice-yearly depemokimab reduces exacerbations versus placebo in patients with asthma across age of onset/duration subgroups: Phase III SWIFT-1/2 studies
David J. Jackson (London, United Kingdom), Florence Schleich, Diana Jarreta, Chang-Qing Zhu, Peter Howarth, Michael E. Wechsler

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PS-30 Session 08:00 - 09:30

Poster session: COVID-19: prevention, infection and treatment

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health Cell and molecular biology Imaging Respiratory intensive care Endoscopy and interventional pulmonology Pulmonary function testing

Chairs : Martha Purcell (Southampton, United Kingdom), Chair to be confirmed

Diagnostic accuracy of an AI-based model for quantifying COVID-19 lung involvement on chest CT: A cross-sectional study
Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Rúbia Mara Correia Campos Silva, André Luiz Cavalcante Trajano, Rafael Moraes Campos Vitorino, Mariana Sousa De Pina Silva, Fernanda Campos Vitorino, Camila Gomes De Souza Andrade, Pedro Cesana Portugal, Juan Carlos Calderón, Gustavo Nunes De O Costa

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Do not overlook prolonged positive SARS-Cov2 PCR!
Frédéric Riviere (Caen, France), Dylan Kadibanga, Sylvain Chantepie, Emmanuel Bergot

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MET/PI3K/AKT Axis maintains SARS-CoV-2 Main protease stability and promotes viral replication
Yiwen Xie (Hangzhou, Zhejiang, China), Kang Sun, Jiong Yu, Shaorui Hao, Hongcui Cao

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Non-invasively measuring small airway RNA load & inflammation in acute COVID-19 at resource-limited primary care
Sterghios Moschos (Newcastle Upon Tyne, United Kingdom), Pedro Almeida, Leonardo Oliveira, Daniel Querioz, Nicholas Bailey, Saqib Ali, Renato Aquiar, Mauro Teixeira

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Omicron wave displayed a higher coagulation cascade in Mexican-Hispanic patients with severe COVID-19. A 2-wave analysis
Arturo Cortes-Telles (Merida (Yucatan), Mexico), Diana Ortiz, Esperanza Figueroa-Hurtado, Ingrid Fricke Galindo, Ramcés Falfán-Valencia

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Acute COVID-19 symptoms patterns in younger and older adults: a US nationwide study
Manuela Di Fusco (New York, United States), Manuela Di Fusco, Laura L. Lupton, Mary M. Moran, Joseph C. Cappelleri, Laura Puzniak, Alon Yehoshua, Santiago M.C. Lopez, Xiaowu Sun

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Hospitalized COPD patients with 'breakthrough' SARS-CoV-2 infections during the Omicron era.
Paul Loubet (Nîmes, France), Nadia Quignot, Martin Kolditz, Veronika Müller, Giancarlo Pesce, Gaelle Gusto, Mark Berry, Thomas Oppelt, Andre Kalil, Essy Mozaffari

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SARS-CoV-2 Sub-Lineages and Severity in Hospitalized Patients Using Targeted Enrichment Sequencing
Martha Purcell (Southampton, United Kingdom), Tommaso Morelli, Mohamed Darwish, Katie Bellis, Diego Teixeira, Alexander Allen, Paul Lee, Jacqueline Nuttall, Tristan Clark, Anna Freeman, Ewan Harrison, Tom Wilkinson

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Bradykinin inhibition in COVID-19: a randomised, double-blind trial of icatibant versus placebo
Melanie Bailey (DROMORE, United Kingdom), Dermot Linden, Hong Guo-Parke, Olivia Earley, Tunde Peto, Daniel Francis Mcauley, Clifford Taggart, Joseph Kidney

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Association of Inhaled Corticosteroid Use with COVID-19 Severity and Hospitalization in Patients with and without Respiratory Disease
Dekel Shlomi (Tel-Aviv, Israel), Michal Leibovich, Bernice Oberman, Jacob Cohen, Tamar Strahl, Noga Yosef, Yael Reichenberg

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The relationship between pro-BNP levels and pneumonia severity and disease course in individuals with COVID-19 pneumonia
Ümran Erbay (Kütahya, Turkey), Şebnem Emine Parspur, Feride Marim, Gökhan Yavaş, Deniz Uysal, Ilknur Kaya, Kamil Gönderen, Ceylan Ayada, Inci Arikan, Zeynep Yaren Yilmaz

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Effects of COVID-19 Infection on QoL and Arterial Stiffness – a longitudinal observational study
Klaas F. Franzen (Luebeck, Germany), Charlotte Ekenhorst, Dominik E. Pawlak, Markus Weckmann, Tobias Jagomast, Daniel Drömann

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Effect of remdesivir on mortality of COVID-19 inpatients with chronic respiratory comorbidity
Mark Berry (Foster City, United States), Veronika Muller, Martin Kolditz, Valentina Shvachko, Thomas Oppelt, Chen-Yu Wang, Essy Mozaffari, Amos Lichtman, Jay Hawkshead

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Hemoglobin Levels and Mortality Risk in Severe COVID-19: A single center, retrospective cohort study
Da Hye Moon (Chuncheon (Gangwon-do), Republic of Korea), Myoung-Nam Lim, Seung-Joon Lee, Woo Jin Kim, Seon-Sook Han

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CT-derived muscle response in patients hospitalized for COVID-19
Debbie Gach (Sittard, Netherlands), Frits Van Osch, Joop Van Den Bergh, Thomas Van Der Krieken, Hester Gietema, Sophie Van Bakel, Annemie Schols, Rosanne Beijers

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Vagus Nerve Stimulation as a potential adjuvant treatment for COVID-19: a systematic literature review
Adrian Balan (Timisoara, Romania), Maria Frent, Oana Raduna, Stefan Mihaicuta, Graham Giles, Stefan Frent

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Prevalence of Pediatric Acute Respiratory Infections Before, During, and After the COVID-19 Pandemic in Dubai, UAE
Mazen Alhaj Ahmad (Sharjah, United Arab Emirates), Albara' Alshalkhaty, Mukram Jamour, Saif Eddin Mansour, Obada Al-Wawi, Rabia Shah, Arun Thomas, Omendra Narayan

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Long-term effects of COVID-19 vaccination on preventing infection and hospitalization in household contacts from December 2021 to April 2023: A cohort study
Dong Liu (Beijing, China), Limin Zhang, Xiaoyu Cao, Hui Zhang, Shasha Li, Ruirui Wang, Mingfeng Han, Yeming Wang, Bin Cao

Combination Treatment of Persistent SARS-CoV-2 Infection with Dual Antiviral Therapy and Intravenous Immunoglobulin: a novel approach.
Elvira Markela Antonogiannaki (Athens, Greece), Myrto Blizou, Stefanos Lampadakis, Emmanouil Karofylakis, Andromachi Blizou, Thomas Raptakis, Effrosyni D. Manali, Spyros A Papiris, Stelios Loukides

Use of polygenic risk scores in the prediction of COVID-19 non-recovery
Anne Florentine Goemans (Glasgow, United Kingdom), Olivia Leavy, Beatriz Guillen-Guio, Erola Pairo-Castineira, Konrad Rawlik, J. Kenneth Baillie, Amisha Singapuri, Rachael Evans, Christopher Brightling, Louise Wain, Tim Lucas, The Phosp-Covid Collaborative Group

PS-17 Session 08:00 - 09:30

Poster session: Novel insights into the mechanisms of airways disease from preclinical and translational studies

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Physiology Pulmonary function testing Respiratory intensive care

Chairs : Patricia Ramos-Ramírez (Stockholm, Sweden), Chair to be confirmed

Pollen induces pseudo-allergy via MRGPRX2/MRGPRB2 on mast cells
Yun Liu (Xi'an, China), Yan Zhang

B cells and Plasma Cells accumulate in lung during allergen-driven airway inflammation and aggregate into tertiary lymphoid follicles
Andrea Vecchione (Tarrytown, United States), Joseph Devlin, Eva Conde, Subhashini Srivatsan, Caroline Sanden, Dylan Birchard, Hyunjin Kim, Andrew Murphy, Andre Limnander, Wei Keat Lim, Jonas Erjefalt, Seblewongel Asrat, Jamie Orengo

IL-33 expands lung plasma cells and increases autoantibody production
Eva Conde Garcia (Tarrytown, United States), George Scott, Subhashini Srivatsan, Dylan Birchard, Caroline Sanden, Jonas Erjefalt, Jeanne Allinne, Andrew Murphy, Andre Limnander, Seblewongel Asrat, Jamie Orengo

AdipoR1 expressing Th17 cells produce IL-10 in allergic lung inflammation
Patricia Ramos-Ramírez (Stockholm, Sweden), Carina Malmhäll, Madeleine Rådinger, Anders Lindén, Apostolos Bossios

Identifying pyroptosis-related subtypes in asthma through gene expression profiles: implications for airway inflammation
Min Li (Kunming, China), Wenye Zhu, Zhuang Luo

Pharmacological inhibition of MutT homolog 1 in allergic airway inflammation
Anna Adler (Lund, Sweden), Jesper Bergwik, Médea Padra, Praveen Papareddy, Tobias Schmidt, Madelene Dahlgren, Robin Kahn, Ulrika Warpman Berglund, Arne Egesten

Exploring the Role of STAT3 phosphorylation in Mediating Airway Hyperresponsiveness in a Model of Corticosteroid-Resistant Asthma
Yishu Xue (Shanghai, China), Yilin Pan, Wuping Bao, Xue Zhang, Lei Zhao, Lei Han, Yali Qiu, Qiang Fu, Hang Su, Xia Fei, Min Zhang

The inhibitor of TIP60 NU9056 could alleviate HDM induced allergic airway inflammation
Yidan Sun (Shanghai, China), Tiantian Zhang, Guochao Shi

Single-cell RNA sequencing with cell-cell communication analyses reveals the impact of osteopontin for ozone-induced airway response
Hiroki Tashiro (Saga, Japan), Yuki Kuwahara, Yuki Kurihara, Koichiro Takahashi

Dueling effects of nocturnal hypoxia in experimental asthma: implications for future therapies
Andres Bruno Rojas Ruiz (Quebec, Canada), Magali Boucher, Cindy Henry, François Marcouiller, Vincent Joseph, Jorge Soliz, Ynuk Bossé

Light mediates allergic airway inflammation by an ipRGC-sympathetic nerve-lung axis
Zhongnan Qin (Hangzhou, China), Jiayi Feng, Chen Zhu, Zhihua Chen, Wen Li

Targeting the airway epithelial cell clock in attenuating airway hyperresponsiveness associated with T2 asthma
Amlan Chakraborty (Manchester, United Kingdom), Jafar Cain, Robert Maidstone, Vishvangi Deugi, Alein Alex, Karolina Krakowiak, Nicola Begley, Julie Gibbs, Hannah Durrington

Mechanism of Lactobacillus Rhamnosus in improving airway mucus hypersecretion in allergic asthma by regulating AhR/Nrf2/ROS/STAT6 pathway through gut-lung axis
Yang'fan Hou (Xi'an, China), Yun Liu

Epithelial immunomodulation by aerosolized TLR agonists prevents allergic lung inflammation by reducing Th2 polarization
Scott Evans (Houston, United States), Mbaya Ntita, Jezreel Pantaleon Garcia

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Delineating the molecular mechanism of tslp-driven non type inflammation in Severe Asthma
Efthymia Theofani (Athens, Greece), Christina Anagnostopoulou, Ioanna Galani, Petros Bakakos, Maria Semitekolou, Nikoletta Rovina

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Increased Inhibitory Surface Marker PD-1 Expression in CD4+T Cells and Th2+T Cells in Allergen-specific Immunotherapy
Yun Liu (Xi'an, China), Xueyan Jie

Epoxyeicosatrienoic Acids (EETs) in Chronic Obstructive Pulmonary Disease (COPD): Antimitochondrial Fission and Antiapoptotic Effects
LI YUNXIAO (Beijing, China), Lin Fang

Inhibition of ferroptosis attenuates experimental COPD features
Silke Geirnaert (Ghent, Belgium), Tom Vanden Berghe, Koen Augustyns, Philip Hansbro, Ken Bracke

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Characterization of T-cell repertoire alteration and inflammation in COPD
Hongru Li (Shanghai, China), Zhaolin Gu, Tingting Wei, Xiaocen Wang, Yulan Qu, Ke Lang, Xinyi Ning, Dong Yang

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Impact of Neonatal LPS Exposure on Lung Structure and Disease Susceptibility
Amal Alsomali (khobar, Saudi Arabia), Andrea Cooper, John Pearl, Mrinal Das, Kieran Dewing, Lucy Onions

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PS-27 Session 08:00 - 09:30

Poster session: Contemporary nursing

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Pulmonary rehabilitation | Palliative care | General respiratory patient care | Endoscopy and interventional pulmonology | Public health

Chairs : Chair to be confirmed

From Evidence to Practice: Review and Recommendations for Palliative Care in Pulmonary Fibrosis
Lucía Méndez González (Santa Maria da Feira, Portugal), Joana Isabel Cordeiro Carvalho

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Impact of the Simeox Device in Patients with Bronchiectasis
Lucía Méndez González (Santa Maria da Feira, Portugal), Cristina Alves, Cristiana Cruz, Vanessa Santos, Sofia Barroso, Rita Gomes, Jorge Ferreira, Catia Caneiras

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Croatian Adaptation of the Revised Cystic Fibrosis Questionnaire for Adults (CFQ-R)
Ivana Lalic Cickovic (Zagreb, Croatia), Tihana Odobasic Palkovic, Ivana Barisic, Irena Godic, Lora Kirigin Bilos, Ivan Bambir, Duska Tjesic-Drinkovic, Andrea Vukic Dugac

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Seasonal Influenza Vaccination Program for patients with Chronic Obstructive Pulmonary Disease (COPD) in COPD nurse clinic
Chi Keung Lam (Hong Kong, Hong Kong)

Understanding COPD-Related Loneliness
Camilla Askov Mousing (Randers SØ, Denmark), Dorthe Sørensen, Maiken Bay Ravn, Julie Sandell Jacobsen, Tina Helle

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Experience in caring patients on long-term home invasive mechanical ventilation in district hospital in Hong Kong
Ming Wah Choi (Hong Kong, Hong Kong), Shu Wah Ng, Hok Lun Chan, Yuen Yee Chan, Yip Fung Cheung, Chi Keung Lam, Mei Sze Fung, Wing Yu Fung, Shuk Ching Ma, Man Tsun Siu, Kit Man Suen, Yuen Fong Wong, Man To Cheung, Wai Tat Tang, Siu Man Ho, Pik Shan Cheung

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A brave new era for non-bedded acute care management of respiratory patients in Ireland
Una O'Connor (Limerick, Ireland), Saad-Bin Ejaz, Umar Khan

Two-years follow-up of alpha-1 antitrypsin deficiency patients' experiences with home treatment.
Nanna Vendelboe Gregersen (Aarhus N, Denmark), Birgit Refsgaard

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Pain and medication use in Australian COPD adults
Sheree Smith (Adelaide, Australia), Christine Mcdonald, Jody Hook, Guy Marks

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Co-Creation of a Continuing Professional Development Toolkit focused on self-management of respiratory health issues in people with intellectual disabilities
Nicola J. Roberts (Edinburgh, United Kingdom), Lisa O'Leary, Daniel Dicksit, Nicola Ring, Margaret Dunham

Nurse-led initiative for bronchoscopy safety: developing and evaluating a risk-reduction checklist
Agita Melbarde-Kelmere (Rīga, Latvia), Evija Apalite, Iluta Aleksandrova, Signe Daukste, Ineta Leskevica, Valentina Jaunzeme, Ruta Deklava, Anita Vrublevska, Anna Salina, Anna Salina

Analysis of the clinical effects of different nebulized inhalation devices on nurses' inhalation exposure
Qin Zeyu (Changchun (Jilin), China), Hongjing Lin

THE EFFECT OF NURSE TRAINING ON SLEEP QUALITY AND ANXIETY LEVEL IN PATIENTS WITH TRACHEAL STENT IMPLANTATION
Efsun Gonca Uğur Chousein (Istanbul, Turkey), Alev Cinel Karataş, Demet Turan, Ferhan Karataş

Teaching negative health implications of smoking to middle school students
Rune Fauerskov Jensen (Odense SØ, Denmark), Bettina Dalsgaard, Jens Christian Dalsgaard, Ingrid Titlestad, Louise Munkholm

Effects of an educational intervention on breathlessness beliefs in pulmonary embolism patients: A Randomized Controlled Trial
Julia Raya Benitez (Granada, Spain), Ana Belén Gámiz Molina, Eva Rubio Calvo, Jesús Zamora Tortosa, Alba Navas Otero, Geraldine Valenza Peña, Marie Carmen Valenza

Streamlining Interstitial Lung Disease Care: An Audit of Pulmonary Rehab Referral Pathways
Kate Osborne (London, United Kingdom), Natalie Chen, Shahnaz Hussain, Sehar Jabeen, Glenis Hajrullahu, Sophie Crawley, Alex West, Katherine Myall, Bhashkar Mukherjee

Expert Educator: Unveiling the Knowledge Dissemination Practices of Respiratory Nurse Specialists through Qualitative Exploration Study.
Bridget Murray (DUBLIN, Ireland)

ILD tailored Pulmonary Rehabilitation
Robert Dean (Windsor, United Kingdom), Charlotte Glazzard, Pamela Marriner, Christine Gethings, Joanne King, Sharon Power

Patients' experiences with smoking cessation support during the diagnostic process for lung cancer
Birgit Refsgaard (Malling, Denmark), Anders Løkke, Ingeborg Farver-Vestergaard

Nursing interventions for patients with respiratory diseases and syndromes in the Nordic countries: A scoping review
Anne Louise Kleiven (Oslo, Norway), Simen A. Steindal, Kari L. Mariussen, Dorthe Gaby Bove, Mai-Britt Hägi-Pedersen, Nanna Vedelbo Gregersen, Bettan Bagger, Gerd Gran, Vivi Lycke Christensen, Heidi Øksnes Markussen, Hilde Smith-Strom, Trine Oksholm, Heidi Jerpseth, Birgit Refsgaard, Christine Råheim Borge

PS-8 Session 08:00 - 09:30

Poster session: Ex vivo modelling in lung research: new frontiers

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Respiratory critical care | Thoracic oncology

Method(s) : Cell and molecular biology | Imaging | Pulmonary function testing

Chairs : Antonella Dost (Utrecht, Netherlands), Niki L. Reynaert (Maastricht, Netherlands)

FGF10 alleviates LPS-induced acute lung injury and inflammation by inhibiting Gasdermin-E-mediated pyroptosis of alveolar epithelial cell
Tianchang Wei (Shanghai, China), Yuanlin Song

Attenuation of ventilation-induced endoplasmic reticulum stress associated with lung injury through phosphoinositide 3-kinase-γ in a murine endotoxemia model
Li-Fu Li (Keelung, Taiwan), Chih-Yu Huang

Interleukin-21 exacerbates acute lung injury by increasing pulmonary microvascular endothelial permeability
Qiao Luo (Guangzhou, China), Tao Wang

LSC - 2025 - Investigating the mechanisms through which lung MSCs regulate endothelial functionality in COP D using distal lung organoid models
Mark Bell (Belfast, United Kingdom), Irene Heijink, Cliff Taggart, Anna Krasnodembskaya

Cell type-specific origins of oxidative/nitrosative stress drive the development of distinct COPD phenotypes
Stefan Hadzic (Giessen, Germany), Cheng-Yu Wu, Siddartha Doswada, Edma Loku, Julia Schaeffer, Marija Gredic, Magdalena Wujak, Werner Seeger, Saverio Bellusci, Natascha Sommer, Norbert Weissmann

Dynamic Pulmonary Aciniform Organoids for fibrosis modeling via mechanical expansion assessment
Satoshi Ikeo (Tokyo, Japan), Yuta Tani, Jun Sawayama, Tetsuharu Nagamoto, Yuki Yamamoto, Shoji Takeuchi

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A novel perfused muscle-on-chip platform to study muscle impairments in COPD
Sven Manse (Maastricht, Netherlands), Jalal Mosayebi Amroabadi, David Baião Barata, Pauline J. M. Henrot, Luna I. G. C. Louwe, Roman K. Truckenmüller, Irene H. Heijink, Harry R. Gosker, Ramon C. J. Langen

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Small airways, big questions: how small airway disease relates to emphysema in COPD explant lungs
Thibo Verheyen (Kontich, Belgium), Jeroen Hendriks, Wen Wen, Dieter Peeters, Annemiek Snoeckx, Joke De Raedemaecker, Thérèse Lapperre, Stijn Verleden

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WISP1 modulates inflammation and Oxidative Stress in COPD: evidence from a Lung-on-chip model
Maria Elpida Christopoulou (Freiburg im Breisgau, Germany), Eleni Papakonstantinou, Gernot Zissel, Marina Freudenberg, Daiana Stolz

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LSC - 2025 - Hydrogel-embedding extends utility of PCLS models of pulmonary fibrosis
Alicia E. Tanneberger (Aurora, United States), Tvishi Yendamuri, Rachel Blomberg, Chelsea M. Magin

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Label-free 4D-imaging of pathophysiological cell and tissue changes in precision-cut lung slices
Naomi Esmee Duits (Amsterdam, Netherlands), Lyra A. J. Soeterbroek, Yuanyuan M. Ma, Martijn Van Dorp, Chris Dickhoff, Jouke T. Annema, Jan Willem Duitman, Marie Louise Groot

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Cold storage of human Precision-Cut Lung Slices preserves cellular composition and transcriptional responses and enables on-demand translational lung research
Maria Camila Melo Narvaez (Marburg, Germany), Fee Gölitz, Eshita Jain, Janine Gote-Schniering, Mircea Gabriel Stoleriu, Wilhelm Bertrams, Bernd Schmeck, Ali Önder Yildirim, Ursula Rauen, Timo Wille, Mareike Lehmann

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Pulmonary vascular leak: In vitro modelling of the microvasculature under flow conditions
Aoife Blake (Dublin, Ireland), Paul Mcloughlin, John Baugh

The DDR1-TLN1 axis contributes to collagen synthesis in a chronic in vitro model of lung fibrogenesis.
Annabel Kunzemann Martinez (London, United Kingdom), Serena Bertolini, Anna Maria Capelli, Rachel Walters, Madeleine Rossanese, Greg Contento, Rachel C Chambers, Manuela Platé

Protective effects of a KEAP1 inhibitor in preclinical lung models of oxidative stress and cell damage
Karolina Öst (Mölndal, Sweden), Magdalena Rhedin, Oliwia Slettengren, Linda Yrlid

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Ex Vivo Deposition and Pharmacokinetics of Inhaled RNA Therapeutics: Insights from the Isolated Perfused Rat Lung
Dorothee Winterberg (Hannover, Germany), Philippe Vollmer Barbosa, Katharina Schwarz, Fabian Röpken, Anna Zimmer, Franziska Dahlmann, Armin Braun

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Comparison between a tri and a tetraculture air liquid interface fibrosis models
Emanuela Bocchi (Parma, Italy), Gessica Marchini, Vanessa Pitozzi, Marcello Trevisani, Gino Villetti, Francesca Ruscitti

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3D Lung Organoids as a Novel Model for Studying Ischemia-Reperfusion Injury in Lung Transplantation
Rosaria Tinnirello (Palermo, Italy), Maura Cimino, Maria Chiara Iachini, Giovanni Zito, Gioacchin Iannolo, Federica Cosentino, Antonio D'Amore, Massimo Pinzani, Pier Giulio Conaldi, Alessandro Bertani, Lorenzo Rosso, Lorenza Lazzari, Vitale Miceli

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Secretome profile of human alveolar epithelial type 2 cells from healthy and COPD subjects cultured in decellularised human lung slices
Anna-Karin Larsson-Callerfelt (Lund, Sweden), Oskar Rosmark, Ida Rosdal, Martin Ryde, Monica Kåredal, Sandra Lindstedt, Göran Dellgren, Gunilla Westergren-Thorsson

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Contributions from alveolar cell extrusion to cell-state transitions in lung fibrosis
Isabel Uwagboe (London, United Kingdom), Alison John, Charlotte Dean, Gisli Jenkins, Jody Rosenblatt, Maddy Parsons

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PS-19 Session 08:00 - 09:30

Poster session: Environmental impact on COPD and lung function

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Pulmonary function testing | Epidemiology | Public health | Physiology | Imaging

Chairs : Isabella Annesi Maesano (Montpellier, France), Chair to be confirmed

Short-term effects of physical activity and air pollution exposure on the daily respiratory symptoms of people with COPD
Alícia Josa-Culleré (Barcelona, Spain), Lidia Morawska, Paula Alvarez, Joren Buekers, Victoria Alcaraz, Marta Cirach, Antònia Valentín, Beatrix Vereijken, Dimitrios Megaritis, Nuria Celorrio, Laura Delgado-Ortiz, Sarah Koch, Judith Garcia-Aymerich

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Evaluating chronic obstructive pulmonary disease mortality clusters and proximity to toxic release inventory facilities in North Carolina, USA
Roy Pleasants (Cary, United States), Veeranna Maddipati, Gregory Kearney

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Impact of chronic biomass smoke exposure on pulmonary function and respiratory health in elderly women: A Rural perspective
Burcu Turan (Istanbul, Turkey), Baran Balcan

Air pollution and exacerbation of chronic obstructive pulmonary disease in three Latin American cities
Astrid Berena Herrera Lopez (Bogota, Colombia), Carlos Arturo Torres-Duque, Alejandro Casas Herrera, María Patricia Arbeláez Montoya, Horacio Riojas-Rodríguez, Néstor Y. Rojas Roa, Fabio Bolivar Grimaldos, Leslie Vargas-Ramírez, Claudia Diaz Bossa, Laura Andrea Rodríguez-Villamizar

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Household air pollution and PM2.5 exposure are risk factors for chronic obstructive pulmonary disease in females
Yan Liu (Beijing, China), Yanyan Li, Jia Cui, Yaqi Tong, Yuxia Wang, Yali Ma, Yanming Li, Tieying Sun, Yanfei Guo

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Long-term ambient nitrogen dioxide exposure and COPD: a systematic review and quantitative synthesis
Tessa Haverkate (Rotterdam, Netherlands), Periklis Charalampous, Elia Gonzato, Susanne Breitner-Busch, Juanita Haagsma

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Association between alcohol intake and small airways obstruction: findings from the UK Biobank
Jixuan Ma (Wuhan, China), Valentina Quintero Santofimio, James Potts, Andre F. S. Amaral

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Investigation of the presence of microplastics and their clinical significance in patients with exacerbation and stable periods of chronic obstructive pulmonary disease
ismail Aydın (KIRIKKALE, Turkey), Ayse Baccioglu, Aysegul Tuna

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Unraveling the exposome of severe exacerbations of obstructive respiratory diseases in France
Colas TCHERAKIAN (Suresnes Cedex, France), Isabella Annesi-Maesano, Julien Cottet, Christiane Pochulu, Léa Antoniali, Aurélie Chekroun Martinot, Fayssoil Fouad, Floriane Huret, Véronique Marcade-Fulcrand, Mathieu Rose, Thomas Sejourné, Priscille De La Tour, Nicolas Molinari

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Air pollution exposure and lung function: preliminary results from the NAKO study
Patrick Wincy Reyes (Düsseldorf, Germany), Sara Kress, Claudia Wigmann, Tamara Schikowski

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The association between ambient temperature and respiratory health
Eun Chong Yoon (Seoul, Republic of Korea), Hee-Young Yoon

Impact of London's Ultra Low Emission Zone (ULEZ) on lung development in children: results from the CHILL cohort study
Helen Wood (London, United Kingdom), Hajar Hajmohammadi, Rosamund Dove, James Scales, Ivelina Tsocheva, Harpal Kalsi, Jasmine Chavda, Jessica Mitchell, Veronica Toffolutti, Borislava Mihaylova, Chris Newby, Beth Stuart, Esther Van Sluijs, Aziz Sheikh, W J Gauderman, Gurch Randhawa, Ian Mudway, Chris Griffiths

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Polycyclic aromatic hydrocarbons (PAHs) in air pollution linked to lung function decline and emphysema in COPD
Chun-Hua Wang (Taipei, Taiwan), Yung-Liang Wan, Jung-Ru He, Chon-Lin Lee, Kian Fan Chung

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Associations between environmental exposures and the lung function plateau
Diana M. Hendrickx (Utrecht, Netherlands), Gerard H. Koppelman, Judith M. Vonk, Jolanda M.A. Boer, Hans Jacob L. Koefoed, Marieke Oldenwening, Roel C.H. Vermeulen, Ulrike Gehring

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Relationship between biomass exposure and lung health in children in the Nepal family Cohort Study (NeFCoS): findings from the baseline data
Om Prakash Kurmi (Coventry, United Kingdom), Nagendra Chaudhary, Harpal Randeva, Ioannis Kyrou, Suman Pant, Ashesh Dhungana, Gayathri Delanerolle, Edwin Van Teijlingen, Paramjit Gill

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Heavy Metals and Their Relationships with Lung Function and Airway Inflammation: Insights from a Population-Based Study
Zhou Jin (Beijing, China), Junjun Huang, Wen Sun, Jiping Liao, Jing Ma, Guangfa Wang

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Unveiling the impact of poor air quality index on mortality in patient with respiratory diseases
Muhammad Sajjad Sarwar (Bahawalpur, Pakistan)

Long-term exposure to black carbon and mortality in the Danish Nurse Cohort
Marie Bergmann (København K, Denmark), Rina So, Jiawei Zhang, Youn-Hee Lim, Cale Lawlor, Kajsa Pira, Anna Oudin, Ebba Malmqvist, Zorana Jovanovic Andersen

The Impact of Air Pollution on Respiratory Admissions: A Study of Hospitalization Rates in Athens, Greece
EMMANOUIL VERYKAKIS (Athens, Greece), Antonios Analytis, Konstantina Dimakopoulou, Dimitrios Stamatiou, Georgia Kontonasiou, Evangelia Samoli, Anna Karakatsani

Dietary antioxidants may protect against long-term effects of extreme PM2.5 exposure on respiratory symptoms
Michael J. Abramson (Melbourne (VIC), Australia), Thara Govindaraju, Catherine L. Smith, Jillian Ikin, Alice Owen, Matthew T.C. Carroll, Brigitte M. Borg, Caroline X. Gao, David Brown, David Poland, Karen Walker-Bone, Tracy Mc Caffrey, Tyler J. Lane

PS-32 Session 08:00 - 09:30

Poster session: Paving optimisation in diagnosis and multidisciplinary supportive care in lung cancer

Disease(s) : Thoracic oncology Pulmonary vascular diseases

Method(s) : Palliative care General respiratory patient care Pulmonary rehabilitation Pulmonary function testing Endoscopy and interventional pulmonology Imaging Epidemiology Surgery Public health Respiratory intensive care Transplantation

Chairs : Chair to be confirmed

High frequency bronchoscopic microwave ablation for patients with lung cancer: interim results from the United Kingdom
Elif S. Agaoglu (London, United Kingdom), Chris M. Orton, Ley T. Chan, Anand Tana, Ashish Karir, Ines Meireles, Justin L. Garner, Patrick Burn, Pallav L. Shah

Factors associated with diagnostic delays in lung cancer in East Africa: The role of symptoms and passive smoking
Irene Najjingo (Kampala, Uganda), Grace Soka, Margaret Mbabazi, Faezeh Afsari, Immaculate Nankya, Robert Lukande, Harriet Kisembo, Simon Kasasa, James Hale, Fredrick Schumacher, Stanton Gerson, 2esther Ngadaya 2esther Ngadaya, Sayoki Mfinanga, Bruce Kirenga, Robert Salata

Management of Hemoptysis in Lung Cancer Patients – A Single-Center Experience
Christina Kytea (Münster, Germany), Ioannis Kyriazidis, Apostolos Pitoulias, Konstantinos Syrigos, Marousa Kouvela, Andriani Charpidou

The evaluation of Claude Bernard Horner's Syndrome
Emre Yanardag (Istanbul, Turkey), Halil Yanardağ, Muammer Bilir

Do our lung cancer services have access to non-pharmacological management pathways? Preliminary results from international survey in supportive care for lung cancer and pleural mesothelioma
Maria Koulopoulou (London, United Kingdom), Najib M Rahman, Georgia Hardavella

Reliability of telehealth and artificial intelligence for diagnosis of lung cancer
Leonardo Monteleone (Foggia, Italy), Pasquale Tondo, Giulia Scioscia, Terence Campanino, Crescenzio Gallo, Ruggiero Torraco, Gianluca Libero Ciliberti, Maria Cristina Colanardi, Antonio Giuseppe Palmiotti, Giancarlo D'Alagni, Donato Lacedonia

Interplay between mobility, social participation, and symptom burden in advanced lung cancer
Carmine Petrasso (London, United Kingdom), Joanne Bayly, Lucy Fettes, Stephen Ashford, Matthew Maddocks

Real-life data on anticoagulants for the treatment of venous thromboembolism in lung cancer patients
Alix Souza (Lille, France), Simon Baldacci, Eric Wasielewski, Gregoire Ficheur, Lucas Shorten, Emeline Cailliau, Alexis Cortot, Arnaud Scherpereel

Cardiopulmonary exercise testing (CPET) in patients with suspected lung cancer (LC) – does the breathing reserve (BR) or oxygen saturation (O2sat) differ between 3-year survivors and non-survivors?
Guðrún Nína Óskarsdóttir (Reykjavik, Iceland), Henrik Mosen

Postoperative Lung Function Advantages in Pulmonary Segmentectomy for Early-Stage Lung Cancer
Elide Felici (Verona, Italy), Claudio Micheletto, Maurizio Infante, Ernesto Crisafulli, Giulia Sartori

Management of carcinomatous pericarditis with lung cancer: Is post-drainage pericardial adhesion still necessary?
Yoko Kida (Kobe, Japan), Ayako Yoshiyama, Yuya Furukawa, Sayaka Fujimoto, Soichiro Yoshimura, Kousuke Tokushige, Takahiro Masuda, Hiroki Sato, Naoko Hamazaki, Nanako Miwa, Masatsugu Yamamoto, Rikiya Koketsu, Toshiyasu Sakurai, Maki Kanzawa, Kimihide Tada

Research on Nursing Care of Palliative Treatment for Patients with Lung Cancer
Xueli Zhang (Changchun (Jilin), China), Hongjing Lin, Yi Cui, Zeyu Qin

Management of lung cancer in advanced stage: The place of non-conventional therapies
Chaima Habouria (Manouba, Tunisia), Nidhal Belloumi, Maroua Bouguacha, Imen Bechouch, Neder Mefteh, Fatma Chermiti, Sorraya Fenniche

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Evaluation of a prehabilitation and rehabilitation service on lung cancer patient outcomes
Carol Keen (Sheffield (South Yorkshire), United Kingdom), Kerry Rosenthal, Gabriella Frith, Liam Humphreys, Nik Kudiersky, Gail Phillips, Anna Myers, Gary Mills, Diana Greenfield, Robert Copeland

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Diagnostic challenge of lepidic-predominant adenocarcinoma
Ricardo Petinga Fortes (Lisboa, Portugal), Vera Figueiredo, Catarina Figueiredo Roquete, Marisa Anciães, Laura Santos, Cecília Pardal

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Impact of consultation delay on the prognosis of patients with lung cancer
yosra bellil (bardo,tunis, Tunisia), Hela Kamoun, Hadhemi Rejeb, Sirine Arfa, Dorra Greb, Hela Hassene, Hanene Smadhi, Leila Elfekih

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FDG PET-CT to evaluate metastatic patterns and organ distribution in molecular subgroups of stage IV NSCLC.
Zhou Li (Munich, Germany), Yu Tian, Diego Kauffmann-Guerrero, Maria N. Arredondo, Marah Freiwan, Rosemarie Kiefl, Friederike Völter, Lena M. Unterrainer, Adrien Holzgreve, Amanda Tufman

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Combined chest tomography imaging with second-look bronchoscopy in patients with suspected lung cancer
Manel Jabberi (tunisia, Tunisia), Tasnim Znegui, Sarra Maazaoui, Mariem Chaaben, Ameni Toui, Sonia Hbibech, Hejer Racil, Nawel Chaouch

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Is there additional diagnostic value of staging computed tomography (CT) to positron emission tomography (PET-CT) in patients with suspected early-stage lung cancer?
Mohammed Hussain (Stoke-on-Trent, United Kingdom), Viktoria Oakden, Emad Abugassa, Farhan Ali, Mohammed Mobasshir Hassan, Yusuf Elakhdar, Moazzma Ifzaal, Amna Salman, Muhammad Badar Ganaie

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Correlation between spread through air spaces (STAS) and clinico-pathological parameters in lung cancer surgery
Daniela Xhemalaj (Tirana, Albania), Ilir Skenduli, Jolanda Nikolla, Kleida Mati, Jonida Tula, Arben Tanka, Eriselda Kurushi, Elvisa Kozma, Silva Bala

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PS-5 Session 08:00 - 09:30

Poster session: Weaning extubation

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care General respiratory patient care Pulmonary rehabilitation Imaging Epidemiology

Chairs : Chair to be confirmed

Extubation readiness score (ERS); for safer extubation __PRESENT__PRESENT
Abdulaziz Alyami (Dammam, Saudi Arabia)

Timing of tracheostomy and its impact on nosocomial infections in critically ill patients
Ayesha Siddiqa (Doha, Qatar), Syed Murtaza Hassan Kazmi, Fatima Rehman, Sundus Kashif, Sameer Rajpoot, Muhammad Asim

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Impact of tracheostomy on intensive care unit and hospital length of stay.
Hassan Alzaharni (Makkah, Saudi Arabia), Saeed Alghamdi, Ahmad Mohammad Alessa, Badr Awadh Allehyani, Doaa Kutbi, Abdulmajeed Alotaibi, Abdulrahman O Alhindi, Abdulaziz A Alzahrani, Dr. Mohammad Raed Kolko

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Machine Learning Analysis of Endotracheal Size-related Factors in Ventilator Weaning:Implication for Patient Care in an Medical Intensive Care Unit
Chang Yujen (Taichung City, Taiwan), Chi Shuhua

Mortality analysis in a respiratory intermediate care unit. A one year retrospective Spanish cohort
Juan Manuel Mejia Romero (Cordoba, Spain), Roberto Martín De León, Marta Domínguez Gómez, Maria Luisa González Vicente, Antonio Requejo Jiménez, Cristina Muñóz Corroto, Natalia Pascual Martínez

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Impact of intraoperative phrenic nerve stimulation on postoperative pulmonary complications in neurosurgical patients: a prospective, randomized controlled pilot study
Zhonghua Shi (Beijing, China), Dan Zhang, Caie Yang, Xiang Qi, Yang Liu, Meizhizi Zhang, Jingyi Li, Baoguo Wang, Yongxing Sun

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Tracheostomy Tube Pressure Measurement as Predictor of Capping Test Success in Patients Undergoing Decannulation
Matteo Vigna (Pavia (PV), Italy), Stefano Rigoldi, Serena Cirio, Piero Ceriana

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Expiratory muscle stimulation does not increase intracranial pressure in mechanically ventilated neurosurgical patients at risk.
Nicolai Meise (Halle, Germany), Fridolin Streibert, Axel Großstück, Michael Lautenschläger, Johannes Wollmann, Felix Göhre, Hermann Wrigge

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Predictors of extubation failure among patients with end-stage renal disease in the intensive care unit: A single specialty center retrospective study
Maria Regina Eden Atienza (Quezon City, Philippines), Joanne Kathleen Garcia

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Dyspnea during tracheostomized weaning from Invasive Mechanical Ventilation
Thijs Janssen (ROTTERDAM, Netherlands), Henrik Endeman, Jan Elderman, Marco Goeijenbier, Hazra Moeniralam, Jacco Rozendaal, Arné Van Hees, Jessica Workum, Evelien Oostdijk, Danique Van Nieuwenhuizen, Susanne Stads, Sefanja Achterberg, Aart Osinski, Ashley De Bie Dekker, Ingeborg Herold, Leo Heunks, Evert-Jan Wils

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Predictors of recovery in US patients hospitalized for viral lower respiratory tract disease: an analysis of linked electronic health records and claims data
Ekaterina Maslova (Reading, United Kingdom), Malin Fagerås, Sue Johnson, Gopal Dalal, Hashmath Ulla Syed, Srishti Mishra, Hayley D Germack, Andrew Lee, Sayan Chakraborty, Nadir Yehya, Joanne Mcpeake

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PRiVENT Study: Baseline Data of Patients in a German Multicenter Study Aimed at Preventing Long-Term Invasive Mechanical Ventilation
Franziska Trudzinski (Heidelberg, Germany), Jana-Christina Dahlhoff,, Biljana Joves, Philipp Höger, Elena Biehler, Elena, Thomas Fleischhauer, Julia Michels-Zetsche, Michel Wensing, Axel Kempa, Claus Neurohr, Armin Schneider, Joachim Szecsenyi, Felix Herth, Benjamin Neetz

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High-flow oxygen therapy improves quality of life in tracheotomized patients who weaned from mechanical ventilation: A controlled trial.
Ching-Hua Su (Taichung, Taiwan), Yi-Hao Peng

A temporal deep learning algorithm for prediction of extubation failures in critical care patients
Jiawei Shen (Beijing, China), Huiying Zhao, Shengye Lu, Buzhou Tang, Fengxue Zhu

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The Fatigue Index Test for evaluating propensity to inspiratory muscle fatigue in the ICU
Magno F Formiga (Fortaleza, CE, Brazil), Roberta Catunda Costa, Carol Alonso Gonzalez, Thayanne Gomes Neves, Francisco Hamilton Andrade Leite Junior, Andressa Rodrigues De Souza, Artur Solon Lima, Lawrence P Cahalin

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Effect of one-way speaking valve on ventilation physiology and weaning outcomes of tracheostomized patients with prolonged mechanical ventilation
Jih-Shuin Jerng (Taipei, Taiwan), Hui-Chuan Chen, Yu-Shan Li

Inspiratory Effort and Muscle Strength in IMV: Insights from Pmus and S-Index
Lilian E. B. Delazari (Indaiatuba, Brazil), Adria Cristina Dasilva, Melissa Sibinelli, Paulo Henrique Freitas De Oliveira, Ana Vitória Proni Oliveira, Luciana Castilho De Figueiredo, Lígia Dos Santos Rocetto Ratti

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Post-traumatic stress disorder among family members of patients with prolonged mechanical ventilation
Wei-Chih Chen (Taipei, Taiwan), Chia-Fen Tsai, Kuang-Yao Yang

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Delta-hemoglobin and delta-mixed venous oxygen saturation (SVO2) as predictors for mechanical ventilation weaning and extubation
Lea Dianne Ayuyao (Qc, Philippines), Luis Martin Habana, Emily Aventura

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The pivotal role of microbiological colonization in weaning from mechanical ventilation, decannulation and rate of recovery in tracheostomized post-ICU survivors
Federico Pasqualotto (Padova, Italy), Ioannis Alexandros Charitos, Giorgio Castellana, Luciana Salerno, Simona Merla, Patrizia Guido, Maria Aliani, Mauro Carone

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PS-4 Session 08:00 - 09:30

Poster session: Sports respiratory medicine: ready for prime time

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Physiology | Pulmonary function testing | Imaging | Epidemiology | Endoscopy and interventional pulmonology | General respiratory patient care | Pulmonary rehabilitation

Chairs : James H. Hull (London, United Kingdom), Hege Clemm (Paradis, Norway)

Impact of Inhalation Allergies on Bronchial Provocation Test Outcomes in Athletes with Exercise-Induced Respiratory Symptoms
Julie Stang (Oslo, Norway), Martin Bellander, Bjørn Nordlund, Tonje Reier-Nilsen

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The burden of cough in elite cross-country skiers
Rikhard Mäki-Heikkilä (Jyväskylä, Finland), Maarit Valtonen, Heikki Koskela, Jussi Karjalainen, Lauri Lehtimäki, James Hull

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Omega-3 polyunsaturated fatty acids for the management of exercise-induced bronchoconstriction: insights from a meta-analysis
Oliver Price (Leeds, United Kingdom), Christopher Thompson, Joe Sails, Rebecca Birch, Julie Stang, John Brannan, James Hull

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Changes in prevalence of asthma and respiratory symptoms among Norwegian adolescent handball players over two years
Cecilie Margrethe Nagy (Oslo, Norway), Monica Holmsve, Trine Stensrud

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Day–night differences in breathing variability: new perspectives with wearables
Alessandra Angelucci (Milano, Italy), Andrea Aliverti

Why do Norseman Triathletes develop Exercise-Induced Bronchoconstriction (EIB) after the race?
Trine Stensrud (Oslo, Norway), Monica Holmsve, Cecilie Margrethe Nagy, Julie Stang

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Dysfunctional breathing and performance in long-distance runners: a cross-sectional study
João V. Hermógenes de Souza (São Paulo, Brazil), Helena S. Batko, Guilherme B. Rodrigues, Fabiano F. De Lima, Juliana M. B. Dos Santos, Celso R. F. Carvalho

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Exercise ventilatory efficiency in elite athletes assessed for the paris 2024 olympic games: the effect of sex and sport categories
Matteo Morviducci (Roma, Italy), Ilaria Menichini, J Alberto Neder, Maria Rosaria Squeo, Paolo Palange

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A case of breathing pattern disorder masking exercise-induced laryngeal obstruction
Danielle Stone (Pymble, Australia), David Chapman, Louise Hansell, Claire Doughty, Meredith King, Fei Ni Hau, Ryan Wallis, Greg King

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Treating refractory EILO: guidance for respirologists when respiratory retraining is not enough
Emily Nauman (, United States), Tod Olin

Effects of Expiratory Muscle Strength Training on Diaphragm Functions in Adolescent Players:pilot study
Zeliha Celik (Ankara, Turkey), Nevin A. Güzel, Halit Nahit Şendur, Müşerrefe Nur Keleş, Nihan Kafa, Nurdan Kokturk

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A randomized controlled trial (RCT), adding inspiratory mucle training (IMT) to standard treatment for exercise-induced laryngeal obstruction (EILO).
Petrine Veierod Solli (Bergen, Norway), Praveen Muralitharan, Haakon Kvidaland, Sivert Veseth, Petter Carlsen, Astrid Sandnes, Merete Salveson Engeset, Maria Vollsæter, Thomas Halvorsen, Ola Drange Røksund, Hege Clemm

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Impact of continuous bronchoscopy during exercise on cardiopulmonary and ventilatory parameters
Zander J Williams (London, United Kingdom), Christopher M Orton, Justin L Garner, Ley T Chan, Anand Tana, Pallav L Shah, Michael I Polkey, Thomas Semple, James H Hull

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Is there any relationship between exercise-induced laryngeal obstruction (EILO) and bronchial hyperresponsiveness (BHR) in Norwegian olympic athletes?
Monica Holmsve (Oslo, Norway), Julie Stang, Sanne Nordøy, Hege Clemm, Thomas Halvorsen, Trine Stensrud

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Effect of posture on diaphragm thickness and excursion in healthy controls compared to adults with exercise-induced laryngeal obstruction
Louise Hansell (Sydney, Australia), Maree Milross, David Chapman, Mia Axe, Bosco Leung, Nidhi Nair, Danielle Stone

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Inspiratory muscle training in conjunction with creatine monohydrate supplementation enhances inspiratory muscle strength in healthy humans
Oliver Price (Leeds, United Kingdom), James Brown, Emily Storey, Louise Turner, Graham Sharpe, Michael Johnson, T. Scott Bowen

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Behavioral predictors of exercise-induced laryngeal obstruction symptom severity
Anna Dammann (Denver, United States), Tod Olin

Beyond lung function: The impact of nicotine dependence on physical performance in smokers
Nour Elhouda Ben Mrad (Ariana, Tunisia), Khouloud Kchaou, Nadia Ben Lazreg, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine

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The resting spirometries of world-level cross-country skiers
Rikhard Mäki-Heikkilä (Jyväskylä, Finland), Dan Helenius, Jussi Mikkola, Maarit Valtonen

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Improvement of exercise performance at high altitude using novel device
Shanfeng Liang (Guangzhou, China), Luguang Wu, Lishuang Wang, Xiuxuan Xiang, Baiting He, Lu Wang, Andrew Wellman, Joerg Steier, Danny J. Eckert, Peter Catcheside, Michael I Polkey, Yuanming Luo

PS-13 Session 08:00 - 09:30

Poster session: Clinical management of COPD

Disease(s) : Airway diseases

Method(s) : Epidemiology Pulmonary function testing Cell and molecular biology General respiratory patient care Pulmonary rehabilitation Public health Physiology

Chairs : Chair to be confirmed

Characteristics of patients in a community hospital-based COPD clinic
Angel Ortega González (Talavera de la Reina (Toledo), Spain), María Salud Estrada Pastor, Isaac Abraham Pérez Romero, Miryam Artero Clemente, María De La Cruz Rodríguez, Marcos Leandro Lafarga Poyo

Psychometric validation of E-RS:COPD in patients with Chronic Obstructive Pulmonary Disease (COPD)
Ernesto Mayen (Cambridge, United States), Stephanie Rhoten, Gaizka Perez, Jérôme Msihid, Eilish Mccann, Ashish Bansal, Lacey Robinson, Veleka Allen

Analysis of Factors Associated with Fatigue in Individuals with COPD
Luis Fernando Pereira Brizola (Botucatu, Brazil), Gabriel De Godoy Artiga, Bianca Silva Costa, Flavio Vinicius Fagundes Xavier, Pamela Larissa Kiill Dourado, Karen Kaori Miyamoto, Matheus Augusto Callegari, Estefania Aparecida Thome Franco, Robson Prudente, Suzana Erico Tanni

Stability of CAT-defined chronic bronchitis in COPD patients over 30 months
Fengyan Wang (Guangzhou, China), Xueping Li, Zijun Guo, Zhang Wang, Huai Chen, Zhenyu Liang, Yongchang Sun, Fuqiang Wen, Qianli Ma, Tao Ye, Jinping Zheng, Rongchang Chen, Paul W. Jones

Serum endocan levels in COPD patients with frequent exacerbations compared to non-frequent exacerbators
Mehmet Bekir Aydin (Izmir, Turkey), Yelda Varol, Enver Yalnız

Unsupervised COPD cluster analysis in relation to disease burden
Xingwu Zhou (Uppsala, Sweden), Björn Ställberg, Maria Hårdstedt, Kristina Bröms, Amir Farkhooy, Christer Janson, Andreas Palm, Karin Lisspers, Marieann Högman, Andrei Malinovschi

Comparison of FEV1/FVC ratio staging and GOLD grade for mortality risk prediction in patients with COPD
Kwonhyung Hyung (Seoul, Republic of Korea), Chang-Hoon Lee

Initiation of non-invasive ventilation in COPD patients with chronic hypercapnic respiratory failure does not affect blood eosinophil count
Inês Ferreira Carvalho (Porto, Portugal), Elena Piao, Maria Jacob, Mona Bafadhel, Nicholas Hart, Richard E.K Russell, Eui-Sik Suh, Patrick Murphy, Rebecca F. D'Cruz

Clinical variables influencing CAT score in a general COPD population
Brigitta Dombai (Budapest , Hungary), Balázs Sánta, Enikő Réka Szádvári, Roberta Falcone, Lisa Comarella, Zsófia Lázár

Cut-off values to differentiate between healthy and obstructive airways diseases (OAD) for the Indian adult population using the Antlia-Pro Forced Oscillation Technique (FOT) device
Deesha Ghorpade (Pune (Maharashtra), India), Suhas Bardapurkar, Shreehas Bardapurkar, Ashish Kumar Prakash, Harshavardhan Vhora, Anshum Aneja Arora, Sonam Solanki, Arti Shah, Raja Dhar, Bhavesh Patel, Sujata Chauthmal, Sapna Madas, Ruby Swami, Abhishek Sabale, Samruddhi Bhalare, Nikita Navale, Deepika Dhumal, Namiksha Koli, Sharika Karanjkar, Amit Karad, Sundeep Salvi

Prevalence and characterization of Chronic Obstructive Pulmonary Disease (COPD) and Pre-COPD phenotypes in a high-risk population from Nicaragua
Jorge Ivan Miranda (Managua, Nicaragua), Jessy C Trujillo-Morales, Edgar Urquidez-Bazúa

Consistency between oscillometry and spirometry in patients with asthma or COPD
Hongtao Niu (Beijing, China), Xiajun Rong, Min Zhang, Fei Deng, Liang Zhang, Yong Li, Tim Harrison, Samuel Bardsley, Yuanlin Song, Kewu Huang, Ting Yang, Chen Wang

Identifying patients with both COPD and asthma in a community spirometry service
Timothy Ho (Liverpool, United Kingdom), Devon Ward, Rachel Burton, Fred Fyles, Maria Puthoor, Hassan Burhan, Seher Zaidi

Connected Care COPD: a community-led pathway for early detection and intervention
Andrew Kouri (Toronto (ON), Canada), Cécile Raymond, Kyle Maccallum, Erin Stankevicius, Christopher Chan, Alina Blazer

Using behavioural modelling to identify COPD patient archetypes for personalised disease management
Tharishini Mohan (Kuala Lumpur, Malaysia), Valentina Di Boscio, Khaleda Ahmadyar, David Halpin

COPD and Malnutrition: ABE Classification Identifies Risk Better Than GOLD
Khouloud Kchaou (Ariana, Tunisia), Soumaya Khaldi, Chaima Briki, Yosra Abdelhedi, Saloua Ben Khamsa Jameleddine

Clinical characteristics by endotype in patients hospitalized with COPD exacerbation: Is Eosinophilic endotype or Neutrophilic endotype better?
Dilan Yasar (Izmir, Turkey), Seda Sancar, Sedef Sule Bozkir, Gulistan Karadeniz

Validity and reliability of the Nijmegen Questionnaire in individuals with COPD.
Andreas Daskalakis (N. Smyrni - Athens, Greece), Irini Patsaki, Aikaterini Haniotou, Emmanouil Skordilis, Afroditi Evangelodimou, Irini Grammatopoulou

Improving safety and TReatment precision for Acute COPD Exacerbations (TRACE): Feasibility of point-of-care testing in community pharmacies. A qualitative study.
Timothy Harries (London, United Kingdom), Mona Bafadhel, Richard Russell, Alison Wright, Hiten Patel, Dilip Joshi, Leslie Hamilton, Patrick White

PS-34 Session 08:00 - 09:30

Poster session: Technology and imaging in interstitial lung disease/Clinical aspects in interstitial lung disease

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases

Method(s) : Cell and molecular biology | General respiratory patient care | Imaging | Epidemiology | Pulmonary function testing | Transplantation

Chairs : Punchalee Kaenmuang (Songkhla, Thailand)

Deep learning analysis of pulmonary vessel volume (PVV): prognostic implications in idiopathic pulmonary fibrosis (IPF)
Gaetano Rea (Naples, Italy), Annalisa Mazzocca, Stefano Sanduzzi Zamparelli, Roberta Lieto, Dario Bruzzese, Raphael Borie, Bruno Crestani, Marialuisa Bocchino

CT Lung Volume measurements are Useful in Predicting Treatment Response in Idiopathic Pulmonary Fibrosis
Yoshiaki Zaizen (Kurume, Japan), Midori Zaizen, Kenji Tsumura, Tomonori Chikasue, Masaki Tominaga, Kiminori Fujimoto, Tomoaki Hoshino

SPAIDNet: a Deep Learning-Based Imaging Classification Framework for Interstitial Lung Disease Developed and Validated in A Multicenter Prospective Cohort Study
Hongyi Wang (Beijing, China), Min Liu, Huaping Dai

Deep learning analysis of serial CT scans correlates with changes in how patients feel, function and survive in fibrotic interstitial lung disease
Giles Dixon (Badminton, United Kingdom), Huzaifa Adamali, Jo Hardy, Matthew Wells, Tom Hartley, Ana-Maria Adam, Sophie Whiteley, Elliot Bussell, Stephen Bishop, Muhunthan Thillai, Simon Walsh, Krasimira Tsaneva-Atanasova, Michael A Gibbons, Shaney L Barratt, Chris J Scotton, Jonathan Cl Rodrigues

Developing and Validation of a Multimodal-based Machine Learning Model for Diagnosis of Usual Interstitial Pneumonia: a Prospective Multicenter Study
Hongyi Wang (Beijing, China), Min Liu, Huaping Dai

Short-Term Longitudinal Assessment of Automated Lung Parenchyma Analysis in IPF
Martyna Martka (, Poland), Joanna Miłkowska-Dymanowska, Wojciech J. Piotrowski, Sebastian Majewski

Functional Characteristics of fibrosing interstitial lung diseases on phase-resolved functional lung magnetic resonance imaging
Yifei Ni (Beijing, China), Min Liu

A CT imaging measure of combined pulmonary fibrosis and emphysema (CPFE)
Jennifer Wang (Ann Arbor, United States), Janelle Pugashetti, Susan Murray, Nisha Mohan, Nazanin Nazemi, Edward Kang, Ella Kazerooni, Kevin Flaherty, Elizabeth Belloli, Jamie Sheth, David O'Dwyer, Charles Hatt, Meilan Han, Justin Oldham

Motion Diagnosis for Tracheal Change in Interstitial Lung Disease using Respiratory Dynamic CT
Hiroaki Nakagawa (Otsu (Shiga), Japan), Yoko Tsunoda, Yukihiro Nagatani, Akio Yamazaki, Daisuke Kinose, Masafumi Yamaguchi, Emiko Ogawa, Yasutaka Nakano

The initial CT can predict progressive pulmonary fibrosis in unclassifiable idiopathic interstitial pneumonias
Ryoko Egashira (London, United Kingdom), Tae Iwasawa, Ryo Okuda, Yuriko Takeda, Tomohisa Baba, Toru Arai, Yasuhiro Kondoh, Yutaro Nakamura, Keisuke Tomii, Takafumi Suda, Akira Hebisawa, Chiyoko Kono, Yasuo Kohashi, Kazuya Tsubouchi, Daisuke Inoue, Masamichi Komatsu, Masamichi Mineshita, Yuichiro Kimura, Kazuyoshi Imaizumi, Yasutsugu Fukushima, Nao Ichihara, Kunihiko Kobayashi, Toshihiro Nukiwa, Takashi Ogura

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SPECT-CT imaging of avb3 integrin reveals increased activity in patients with fibrotic interstitial lung disease compared to healthy controls
Giles Dixon (Badminton, United Kingdom), David Little, Sarah Cade, Jon Barnett, Druin Burch, Jonathan Cl Rodrigues, Krasimira Tsaneva-Atanasova, Chris J Scotton, Shaney L Barratt, Michael A Gibbons

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Role of 3-D Echo in Predicting Pulmonary Vascular Damage in IPF: a prospective study
Umberto Zanini (monza, Italy), Andrea Lombi, Marta Tundo, Riccardo Ripamonti, Paola Alfieri, Chiara Milano, Davide Pandolfino, Paola Faverio, Fabrizio Luppi, Giuseppe Paciocco

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Myeloperoxidase Antineutrophil Cytoplasmic Antibodies (MPO-ANCA) in Idiopathic Pulmonary Fibrosis: Prevalence and Risk of Progression to Microscopic Polyangiitis in a UK Cohort
Jonathon Shaw (Manchester (Greater Manchester), United Kingdom), Trishala Raj, Bavithra Vijayakumar, Conal Hayton

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Indicators of disease severity and prognosis in patients with IPAF
Ewa Miadlikowska (Łódź, Poland), Joanna Miłkowska-Dymanowska, Adam Jerzy Białas, Joanna Samanta Makowska, Anna Lewandowska-Polak, Anna Puła, Piotr Łacwik, Anna Kumor-Kisielewska, Wojciech Jerzy Piotrowski

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Interstitial Lung Disease (ILD) Associated With Pulmonary Hypertension (PH): Considerations After 2024 World Symposium for Pulmonary Hypertension (WSPH) Guidance – A Single ILD Centre Perspective
Jonathon Shaw (Manchester (Greater Manchester), United Kingdom), Trishala Raj, Saniya Rizwan, Harshana Bandara, Pilar Rivera-Ortega

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The need for genetic consultation in lung transplantation for interstitial lung diseases
Martina Šterclová (Praha, Czech Republic), Zdenka Strakova, Lucie Valentova Bartakova, Libor Fila

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Vertebral fractures as a predictor of reduced forced vital capacity in subject with interstitial lung disease
Loredana Carobene (Bussolengo, Italy), Susanna Baltieri, Angela Ventura, Francesco Pollastri, Sofia Comandini, Giovanni Adami, Maurizio Rossini, Isotta Galvagni, Stefania Montemezzi, Davide Gatti, Claudio Micheletto, Angelo Fassio

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Effects of ezetimibe on lung function in placebo-treated patients from idiopathic pulmonary fibrosis trials
Rayid Abdulqawi (Riyadh, Saudi Arabia), Ghada Algwaiz, Haifa Aldakhil, Edward Devol, Imran Satia, Fasihul Khan, Martin Kolb, Zainab Al Duhailib, Eid Al-Mutairy

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PS-36 Session 08:00 - 09:30

Poster session: Primary care and quality of life in interstitial lung diseases

Disease(s) : Interstitial lung diseases Respiratory critical care

Method(s) : Epidemiology Public health Pulmonary function testing General respiratory patient care Pulmonary rehabilitation Respiratory intensive care

Chairs : Athénaïs Boucly (Paris, France)

Development of the Hypersensitivity pneumonitis South Asian Questionnaire for Exposure (HP-SAQE)
Sheetu Singh (Jaipur (Rajasthan), India), Ambika Sharma, Virendra Singh, Amila Rathnapala, Nishtha Singh, Nitesh Gupta, Vijay Hadda, Mansi Gupta, Sahajal Dhooria, Parthasarathi Bhattacharyya, Parvaiz A Koul, Raja Dhar, Kripesh Ranjan Sarmah, Dipesh Maskey, Ravi Dosi, H J Gayathri Devi, Dipti Gothi, Asmita Mehta, Arpana Neopane, P Arjun, Alok Kumar Singh, Pahal M Soibam, Bodhika Samarasekera, Sonia Dalal, Sujeet Kumar Madhukar, Sandeep Katiyar, N Loganathan, Devi Jyoti Dash, Harjit Dumra, Deepak Talwar, Sonam Spalgais, Viswesvaran Balasubramanian, Murali Mohan, Saima Saeed, Matiur Rahman, Sk Chhabra, Zarir Udwadia, Aditya Agarwal, Naveen Dutt, Richa Gupta, Eshanth Perera, Aniket Mondal, Kerri A Johannson

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Functional Respiratory Patterns and Classification of Ventilatory Defects in Interstitial Lung Diseases: Percent Predicted vs. Z-Score Approach
Khouloud Kchaou (Ariana, Tunisia), Yosra Abdelhedi, Soumaya Khaldi, Chaima Briki, Saloua Ben Khamsa Jameleddine

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Co-designing FILIP: The pulmonary fibrosis learning and self-management program
Thomas Riegler (Zurich, Switzerland), Thimo Marcin, Sabina A. Guler, Markus Wirz, Lauren Clack, Milo A. Puhan, Patrick Brun, Anja Frei

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Gender disparity in immunosuppression prescribing in progressive pulmonary fibrosis (PPF) patients from the British Thoracic Society (BTS) United Kingdom (UK) interstitial lung disease (ILD) registry
Gina Amanda (Jakarta Pusat, Indonesia), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Leng Cheng Sia, Karol Bączek, Andrew Achaiah, Lucile Sesé, Nazia Chaudhuri

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The patient journey to identification of progressive pulmonary fibrosis (PPF): data from the INCHANGE study
Katrin Esther Hostettler (Basel, Switzerland), Ventsislav Dimitrov, Katarzyna Górska, Anita Sahu-Osen, Maria Sanzharovskaya, Claudia L Toma

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Results from a Novel Ongoing Prospective Screening Algorithm for Patients at risk for Interstitial Lung Disease
Katarina Zeder (Graz, Austria), Florentine Moazedi-Fuerst, Lea Baumgartner, Lisa Blazek, Bernd Bohr, Philipp Douschan, Holger Flick, Vasile Foris, Bastian Guettler, Maria Hermann, Balazs Illes, Nikolaus John, Teresa John, Maria Kuehnelt-Leddihn, Xhylsime Kqiku-Kryeziu, Katrin Milger-Kneidinger, Martin Trinker, Christoph Wohlkoenig, David Kickinger, Balazs Odler, Philipp Jud, Wolfgang Salmhofer, Emina Talakic, Horst Olschewski, Jens Thiel, Nikolaus Kneidinger, Gabor Kovacs

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Incorporating patient perspectives in the design of BEconneCTD-ILD: a belimumab phase 3 trial in CTD-ILD
Toby M Maher (Los Angeles, United States), Elizabeth R Volkmann, Michael Kreuter, Masataka Kuwana, Didier Saurigny, Lazaro Mwandigha, Miguel Villarreal, Svetlana Nihtyanova, Wesley Peters, William Fahy, Ryan Tomlinson, Elaine Irving

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Role of Living with Pulmonary Fibrosis impacts questionnaire (L-PF) in predicting interstitial lung disease (ILD) progression
Serena Bellani (Padova, Italy), Elisabetta Cocconcelli, Laura Natoli, Giusi L'Abbate, Marco Cattelan, Gioele Castelli, Giacomo Giulianelli, Nicol Bernardinello, Paolo Spagnolo, Elisabetta Balestro

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A retrospective evaluation of a novel specialist shared care ILD pathway
Helen Parfrey (Cambridge (Cambridgeshire), United Kingdom), Christine Fiddler, Naomi Hosking, Tessa Lush, John Hartley, Richard Moore, Maryam Najafi, Sam Rees, Scott Taylor, Joshua Wells, Rekha Badiger

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Association Between BMI and Pulmonary Function Decline in a Mixed Interstitial Lung Disease Population: A Retrospective Analysis
Tine Follet (Steenokkerzeel, Belgium), Marie Vermant, Nathalie Veyt, Stefan Gogaert, Marieke De Rooy, Albana Koci, Nina Verachtert, Jasmien Van Den Bergh, Christophe Matthys, Marianne Carlon, Laurens De Sadeleer, Bart Vanaudenaerde, Nico De Crem, Wim Wuyts

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IMPACT OF REMOTE VITAL SIGNS MONITORING IN PEOPLE USING LONG-TERM OXYGEN THERAPY: A RCT
Elinny Raissa M. Reis (São Paulo, Brazil), Marieta C.A Cunha, Gabriela M. Alencar, Amanda M. Schneider, Bruno G. Baldi, Guilherme P. Bridi, João G. Silva, Luis C. P. Sousa Junior, Mari C. T. Fernandes, Regina M. Carvalho Pinto, Juliana M. B. Santos, Celso R. F. Carvalho

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Poor nutritional status is associated with higher mortality in fibrosing ILD
Juan Ignacio Enghelmayer (Ciudad Autónoma Buenos Aires, Argentina), Eugenia Perticone, Veronica Barcos, Ailin Vallejos, Silvana Acuna, Alberto Casey, Gabriela Legarreta

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Frequency of Lung Cancer in Cases of Progressive Pulmonary Fibrosis
Gülfer Nigar Okumuş (Istanbul, Turkey), Aslıhan Balvi, Ulku Durak, Gokhan Altan, Shirkhan Amikishiyev, Yasemin Yalçınkaya, Zuleyha Bingol, Murat Inanc

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ILD-GAPm score: Integrating monocyte count for better mortality risk prediction in fibrotic hypersensitivity pneumonitis (fHP)
Mariana Gonzalez Ribeiro (Gaia, Portugal), Maria João Moura, Inês Neves, Patrícia Caetano Mota, David Barros Coelho, André Terras Alexandre, Hélder Novais Bastos, André Carvalho, Conceição Souto Moura, Susana Guimarães, António Morais, Natália Melo

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Associations to Cough-Related Quality of Life in ILD
Ana Sofia Brites Grave (Alcobaça, Portugal), Vânia Fernandes, Sandra Dinis, Ana Loureiro, Diogo Tecelão, Alda Marques, Ana Oliveira

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Factors affecting caregiver stress syndrome in interstitial lung disease
Lanier O'Hare (Birmingham, United States), Kathleen Lindell, Shore Jessica, Horvath Gregor, Kulkarni Tejaswini

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Longitudinal home monitoring in interstitial lung disease: Report on 12-month data capture
Marium Naqvi (London, United Kingdom), Rebecca Borton, Sarah Lines, Joanne Dallas, Jessica Mandizha, Howard Almond, Colin Edwards, Wendy Adams, Joseph Vincent, Richard Russell, Michael Gibbons, Anne Marie Russell, Alex West

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Cardiac involvement and pulmonary hypertension in interstitial lung disease: a comprehensive evaluation using ECG and 2D-echocardiography for early detection and risk stratification.
Radha P. Munje (Nagpur (Maharashtra), India), Mohammad Aateer Shaikh, Punit Jhawar, Sanjay Gour, Gyanshankar Praphullakumar Mishra

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Disease-Specific educational webinars for patients with Interstitial Lung Disease (ILD), a quality improvement project (QI)
Maria Koulopoulou (London, United Kingdom), Katerina Antoniou, Demosthenis Bouros, Vasilios Tzilas, Georgios Margaritopoulos

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Familial Pulmonary Fibrosis in Brazil: Expirience of forty cases in a referral ILD center.
Fernanda de Aguiar Baptista (Salvador (BA), Brazil), Paula Tannus, Rúbia Campos, Guilherme Montal

PS-9 Session 08:00 - 09:30

Poster session: Novel diagnostic tools, measurements and techniques for the prediction and evaluation of obstructive sleep apnoea

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Public health General respiratory patient care Physiology Epidemiology Cell and molecular biology Imaging

Chairs : Chair to be confirmed

Improving Sleep Quality: The Benefits of Using Smartwatches for Sleep Assessment
NADA Boutbagha (Agadir, Morocco), Hanane Ikrou, Salma Abrar, Oussama Halloumi, Selma Abdala, Hind Serhane

Identification of Obstructive Apnea Signatures Result in Phenotypes with Distinct Biometric Differences
Hamed Hanafi (Halifax (NS), Canada), Matthew Hickey, Kazi Antor Hasan, Steve Driscoll, Scott Lowe, Ingo Fietze, Thomas Penzel, Reena Mehra, Sanja Jelic, Yuksel Peker, Debra Morrison

The role of mean apnea-hypopnea duration in cardiovascular effects in obstructive sleep apnea
Gulfem Ozduygu (BAHÇELİEVLER, Turkey), Cagrı Atasoy, Dogan Ilis, Inanc Artac, Ihsan Topaloglu

Nocturnal pulse transit time drops as autonomic arousals surrogate in obstructive sleep apnea
Matteo Bradicich (Zurich, Switzerland), Laura Katharina Schnider, Lara Benning, Zoe Bousraou, Michelle Mollet, Esther Irene Schwarz

Quantifying endotypic traits in obstructive sleep apnea from polygraphy with arousal detection
Tim Heuker of Hoek (Hengelo, Netherlands), Luca Cerina, Franciscus De Jongh, Pedro Fonseca, Sebastiaan Overeem, Timon Fabius

From laboratory to home: obstructive sleep apnea screening
Maria João Santos Silva Oliveira (Vila Nova De Gaia, Portugal), Mafalda Pais, Inês Franco, Daniela Machado, Carla Nogueira, Ana Fonseca, Marta Marques, Regina Monteiro, Susana Alves, Raquel Marçôa, Ines Sanches, Daniela Ferreira

Agreement in treatment decisions between a peripheral arterial tonometry-based sleep test and polysomnography: a prospective observational study
Anita Lídia Lascasas Trigueira (Porto, Portugal), João Marques Macedo, Luís Filipe Santos Silva, Margarida Costa Silva, Rita Matos Gomes, Jorge Ferreira

Measurements of sleep duration and sleep apnea hypopnea at once by a millimeter wave radar
Kazuo Chin (H. B. Jin) (Tokyo, Japan), Yutaka Kozu, Shigeaki Okumura, Kazuma Nagata, Mamiko Hoshi, Daisuke Endo, Tatsuya Ito, Susumu Sato, Kimihiko Murase, Hironobu Sunadome, Takuya Sakamoto, Toyohiro Hirai, Yasuhiro Gon, Hirofmi Taki, Toshiki Akahoshi

Reliability of mandibular jaw movement analysis for assessing residual apnea-hypopnea index in OSA patients under PAP therapy
Jean-Benoit Martinot (Namur, Belgium), Nhat-Nam Le-Dong, Didier Clause, Atul Malhotra, Jean-Louis Pépin

Cheyne-Stokes respiratory features, O2 homeostasis and heart failure severity in ADVENT-HF
Sayaki Ishiwata (Toronto, Canada), Clodagh M. Ryan, Christian M. Horvath, Alexander G. Logan, John S. Floras, T. Douglas Bradley

Deceleration Capacity of Heart Rate is Associated with All-cause Mortality in Co-morbid Insomnia and Sleep Apnea
Hua Qin (Guangzhou, China), Fernando Vaquerizo-Villar, Jan W. Kantelhardt, Thomas Penzel, Xiaowen Zhang

Pilot study: AI-enhanced COMISA diagnosis in a community hospital using objective sleep and HRV metrics in Hong Kong
Hai Ka, Betty Young (Hong Kong, Hong Kong), Chak Yan Isaac Kwok, Chih-Wei Tsai, Lydia Leung, Cynthia Cheung, Pui Ling Amy Kwok

Association between the uric acid to high-density cholesterol ratio (UHR) and obstructive sleep apnea: mediation by C-reactive protein
Yu Liu (shanghai, China), Liang Li, Wenjing Zhu, Cuixia Zheng

Ultrasound-Guided Tongue Base Thickness as a Screening Tool for Assessing Severity among patients with symptoms of Obstructive Sleep Apnea (OSA) at the Lung Center of the Philippines
MARK EDISON DE VERA (Taguig, Philippines), Virginia Delos Reyes

Upper Airway Ultrasound and Clinical Predictors for Obstructive Sleep Apnea
Cristina Gangemi (Catania, Italy), Domenico Caratozzolo, Giorgio Morana, Pietro Impellizzeri, Salvatore Mancuso, Andrea Renda, Carlo Reina, Carlo Vancheri, Lucia Spicuzza

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Tongue Base Thickness Measurements by Ultrasound Images for Patients with Obstructive Sleep Apnea
Ahmed Beshir (Cairo, Egypt), Ismail Mohamed Alwakil, Mohamed Abomandour Fouda, Mohamed Abdallah Mabrouk

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Hypnodensity metrics captured by nocturnal fingertip photoplethysmography in sleep-disordered breathing: Association with self-reported daytime sleepiness and fatigue
Matias Rusanen (Kuopio, Finland), Viateur Tuyinsenge, Sandrine Muller, Renaud Tamisier, Sebastien Baillieul, Sami Myllymaa, Samu Kainulainen, Timo Leppänen, Jean-Louis Pepin, Sebastien Bailly

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Correlation of spontaneous eye-blinks with sleepiness in patients with sleep apnea
Fotios Drakopanagiotakis (Alexandroupoli, Greece), Gilmaz Batzak, Konstantina Chadia, Eirini Kanella Panagiotopoulou, Minas Bakitzis, Georgios Labiris, Paschalis Steiropoulos

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Novel ST8SIA3 mutation associated with familial obstructive sleep apnea
Burcu Arpinar Yigitbas (Istanbul, Turkey), Diyar Sayıt, Irem Uzun, Sacit Icten, Filiz Özen, Esra Yazar

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Glymphatic System Dysfunction Evaluated by Magnetic Resonance Imaging in Obese Children with Obstructive Sleep Apnea
Birce Sunman (Ankara, Turkey), Didem Alboga, Burcu Capraz Yavuz, Burcu Senkalfa, Ekim Gumeler, Meltem Karatas, Nagehan Emiralioglu Ordukaya, Suna Sabuncuoglu, Elmaz Nazlı Gönç, Zeynep Alev Özön, Kader Karli Oguz, Ebru Yalcin, Deniz Dogru, Uğur Özçelik

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PS-40 Session 08:00 - 09:30

Poster session: Education, paediatric bronchoscopy and orphan interventional pulmonology topics

Disease(s) : Thoracic oncology | Interstitial lung diseases | Respiratory critical care | Pulmonary vascular diseases | Airway diseases

Method(s) : Endoscopy and interventional pulmonology | Surgery | Epidemiology | General respiratory patient care | Imaging | Palliative care | Respiratory intensive care | Cell and molecular biology

Chairs : Efsun Gonca Uğur Chousein (Istanbul, Turkey), Chair to be confirmed

A decade of structured education in endobronchial ultrasound: impact and outcomes
Jouke T. Annema (Amsterdam, Netherlands), Amy Farr, Konstantina Kontogianni, Felix Herth, Anne Orholm Nielsen, Gregoris Stratakos, Peter Bonta, Laurence M.M.J. Crombag, Diana Orejuela, Anna Mitrovic, Lars Konge

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Impact of an advanced training program on competency development in interventional pulmonology
Francesca Accordino (Florence, Italy), Federico Lavorini, Lorenzo Corbetta

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Implementation of hands-on bronchoscopy workshops in Ghana improves confidence in flexible bronchoscopy and may support the development of bronchoscopic services in West Africa
Daniela Gompelmann (Vienna, Austria), Christina Bal, Georg Murauer, Christian Stanislaw, Sandra Kwarteng Owusu

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Female trainees in bronchoscopy: yet another glass ceiling?
Chung-Mei Maggie Cheung (London, United Kingdom), Maryam Omar, Revati Naran, Alveena D'Souza, Louise Warren, Ayantika Dhara, Hannah Jarvis

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Current practices and variations in pediatric flexible bronchoscopy: First national survey of pediatric pulmonologists in Türkiye
ECE OCAK (IZMIR, Turkey), Erdem Başaran, Erkan Çakır, Nazan Çobanoğlu, Pınar Ergenekon, Sanem Eryılmaz Polat, Saniye Girit, Gökçen Kartal Öztürk, Ayze Ayzıt Kılınç, Mehmet Köse, Füsun Ünal, Ali Özdemir, Beste Ozsezen, Sevgi Pekcan, Velat Şen, Tuğba Şişmanlar Eyüboğlu, Zeynep Seda Uyan, Ebru Yalçın, Hasan Yüksel, Figen Gülen

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Clinical Outcomes and Influencing Factors of Embolization in Hemoptysis Management
Fatma Arslan (Mamak, Turkey), Emre Can Celebioglu, Irem Aras, Deniz Dogan Mulazimoglu, Mirac Oz, Aslıhan Gurun Kaya, Serhat Erol, Akın Kaya

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Efficacy of Prophylactic Tranexamic Acid Instillation in Reducing Bleeding Complications During Transbronchial Lung Biopsy: A Randomized, Double-blind, Placebo-Controlled Trial
Suphanan Autto (Nakhon Ratchasima, Thailand), Tanakorn Anantasetagoon, Tirachat Sewatanon

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Tranexamic acid nebulizations in the management of low to moderate hemoptysis - A study of current practices
Virgile Caban (Marseille, France), Julie Tronchetti, Jean-Baptiste Lovato, Hervé Dutau, Philippe Astoul

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Nebulized lidocaine and ketamine vs. lidocaine before fiberoptic bronchoscopy
Hanaa Shafiek (Alexandria, Egypt), Mirette Elias, Hatem Essam, Hossam Sorour, Ahme Youssef

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Bronchoalveolar Lavage in Immunocompetent Patients with Pneumonia: A Retrospective Cohort Study Shows No Mortality Benefit
Alon Pomerantz (Ramat Gan, Israel), Adar Yaacov, Adam Goldman, Ofir Deri, Asaf Zlotnic, Eden Lahav, Paz Israel Sailes, Ella Huszti, Liran Levy

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Pulmonary infections in immunocompromised patients with hematological diseases
Figen Mustafa (Varna, Bulgaria), Pavel Yordanov, Vania Kostadinova, Darina Miteva, Valentina Dimitrova, Diana Petkova

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Microwave Ablation Versus Lobectomy for Ground-Glass Opacity Nodules in the Hilar Region: A Multicenter Prospective Real-World Study on Efficacy and Safety
Wangrui Liu (Shanghai, China), Jiachang Chi

GENERATION OF PATIENT-DERIVED LUNG CANCER ORGANOIDS FROM CYTOLOGICAL SAMPLES OBTAINED BY ENDOBRONCHIAL ULTRASOUND-GUIDED TRANSBRONCHIAL NEEDLE ASPIRATION (EBUS-TBNA)
Juan Pablo Orozco Zapata (L'Hospitalet De Llobregat, Spain), Carlos Daniel Rodriguez Padilla, Manuela Herrera Tamayo, Melissa Acosta-Plasencia, Ainhoa Fontana, Trinidad Israel, Yangyi He, Tania Díaz Sanchez, Risha Na, Antonio Altuna-Co, Harold Alberto Garcia Muñoz, Daniel Martinez Hernandez, Laura Mezquita, Noemí Reguart Aransay, Carmen Lucena Pozo, Carles Agustí García-Navarro, Ramón Marrades Sicart, Alfons Navarro Pons

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Endoscopic sampling of airway and lymphatic tissue for evaluation of immunity response after influenza vaccination – a protocol from the VAXXAIR project
Zaigham Saghir (København Ø, Denmark), Matiullah Naqibullah, Pradeesh Sivapalan, Josefin Eklöf, Hanne Vibeke Marquart, Signe Modvig, Hans Jakob Hartling, Renan Mauch, Erik Sørensen, Mette Kongstad, Sisse Rye Ostrowski, Henrik Kløverpris, Joshua Daniel Rosenheim, Chris Chiu, Onn Mi Kon, Ryan Thwaites, Zitta Barrella Harboe, Lars Rønn Olsen, Ramona Trebbien, Dorthe Sandbæk Høgsberg, Viktoria Rose Li, Ida Elisabeth Krohn, Anna Kubel Vognsen, Julie Majormoen Davidsen, Jens-Ulrik Stæhr Jensen

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Interventional pulmonology in lymphoma's diagnosis
Maria Clara Ribeiro (Rio de Janeiro, Brazil), Bianca Peixoto, Marcos Bethlem, Amir Szklo, João Pedro Steinhauser

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Anthracosis and anthracofibrosis in an Australian population
Wai Yiu (Melbourne, Australia), Paul King, Martin Macdonald

Role of bronchoscopy in detecting tracheobronchial involvement in esophageal carcinoma.
Vijay Noel Nongpiur (Shillong (Meghalaya), India), Vikas Jagtap, Kyrshanlang Lynrah, Caleb Harris, Evarisalin Marbaniang

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Safety of bronchoscopy in patients with ENT cancers
Yasmin Merza (Wien, Austria), Anastasia Papaporfyriou, Christina Bal, Markus Brunner, Doris-Maria Denk-Linnert, Edda Tschernko, Marco Idzko, Daniela Gompelmann

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Total number of biopsies needed during bronchoscopy for diagnosing pulmonary lesions
Kathrine Holgersen (Odense, Denmark), Nicoline Mathiessen Andersen, Christian Borbjerg Laursen, Tina Marie Green, Lars Svend Börnsen, Elzbieta Magdalena Grabczak, Amanda Dandanell Juul

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Pulmonary Rapid Intraoperative Diagnostic Evaluation (PRIDE): A Comparative Study of Imprint Cytology and Frozen Section in Interventional Pulmonology
Shyam Krishnan (Kolkata (West Bengal), India), Diptendu Dey, Nirmallya Banerjee, Beauty Biswas, Raja Dhar

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PS-25 Session 08:00 - 09:30

Poster session: Innovations in design and delivery of exercise interventions

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Pulmonary rehabilitation | Transplantation | General respiratory patient care | Physiology | Pulmonary function testing | Respiratory intensive care

Chairs : Ana Lista Paz (A Coruña, Spain), Chair to be confirmed

Singing for Lung Health following completion of pulmonary rehabilitation – a feasibility trial
Adam Lewis (Enfield, United Kingdom), Peter Jung, Parris J Williams, Jennifer Steinmann, Karen Ingram, Noah Longley, Puja Trivedi, Stuart Clarke, Helen Lammin, George Edwards, Maria Koulopoulou, Arun Sureshkumar, Anna Moore, Paul Pfeffer, Leanne Reardon, Kim Sorley, Jarvis Kenman, Brendan Deluca, Michelle Maguire, Laura-Jane Smith, Sarah Elkin, Adam Lound, Laura Moth, Penelope Rickman, Sharon Alexander, Natasha Lohan, Emily Garsin, Susan Young, Amanda Harris, Rosie Watters, Cleo Lane, Claire M Nolan, Joy Conway, William D-C Man, Winston Banya, Nana Anokye, Keir E J Philip, Phoene Cave, Nicholas S Hopkinson

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Written educational resources in pulmonary rehabilitation: Insights from pulmonary rehabilitation education consortium (PREC) patient and public involvement.
Hannah Clifton (London, United Kingdom), Kirsti J Loughran, Ruth E Barker, Matthew Armstrong, Annie Pritchard, Laura Graham, Siân Williams, Enrico Sgroi, Jonny Branney, Lindsay Welch, Nicola J Roberts

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Investigation of Disease Status, Dyspnea Severity and Symptoms According to Exercise Habits in COPD Patients Completing Pulmonary Rehabilitation Program
Melissa Köprülüoglu (Izmir, Turkey), Elvan Felekoğlu, Ilknur Naz

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Urinary incontinence is common among people with chronic respiratory disease attending pulmonary rehabilitation and may reduce adherence – A multicenter cross sectional study.
Tristan Bonnevie (Saint Léger Du Bourg Denis, France), Damien Parrot, Fanny Laporte, Léna Bocquet, Francis-Edouard Gravier, Pauline Smondack, Guillaume Prieur, Jean-François Muir, Antoine Cuvelier, Fairuz Boujibar, Clément Médrinal, Arnaud Nze Ossima, Yann Combret

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Codesign of balance training for people with chronic obstructive pulmonary disease (pwCOPD)
Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom), Sophie Suri, Kirsti Loughran, Sarah Mclusky, Denis Martin, Jamie Mcphee, Eileen Kaner, Tim Rapley, Leah Avery

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Enhancing lung care: integrating respiratory physiotherapists in respiratory wards
Beatriz Herrero Cortina (Zaragoza, Spain), Jesica Montero-Marco, Marta Charlo-Bernardos, Joaquín Costán-Galicia, Marta Marín-Oto, Laura Anoro-Abenoza, Marta Martín-Lana, Marta Puyal-Barcelona, Eva Sanchez-García, Silvia Aliod-Zandundo, Vanesa Ramos-Abril, Alfonso Perez-Trullen, Elena Altarribas-Bolsa

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Psychological barriers to exercise in interstitial lung disease (ILD): the role of kinesiophobia and body awareness
Seda Karaca (Rize, Turkey)

The Evolving Role of the Interstitial Lung Diseases Specialist Physiotherapist (ILD-SPT): A Case Series
Claire Walker (Solihull, United Kingdom), Christopher Huntley, Anne-Marie Russell, Gareth Walters, Lisa Green, Bethany Hemmings, Emma Briggs

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Psychological Factors Influencing Changes in Life-Space Mobility in COPD Outpatients Undergoing Pulmonary Rehabilitation
Kunihiko Anami (Nara, Japan), Satoshi Saruwatari, Hisashi Watanabe, Shinichiro Hayashi, Jun Horie

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Protocol for early and safe implementation of walking excercise in hypoxemic patients receiving high flow nasal cannula therapy
Katarzyna Papiez (Krakow, Poland), Paulina Katarzynska, Renata Klimek, Tomasz Wloch, Aleksander Kania

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Relationship between psychological distress, functionality and activity levels in community adquired pneumonia
Laura Lopez Lopez (Granada, Spain), Ana Belén Gámiz Molina, Oriana Denise Strilinsky Pérez, Raquel Galisteo Panadero, Jesús Zamora Tortosa, Marie Carmen Valenza

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Frailty at Admission and Its Impact on Mid-Term Health Status and Functionality in Community-Acquired Pneumonia Patients
Laura Lopez Lopez (Granada, Spain), Julia Raya Benítez, Ana Belén Gámiz Molina, Oriana Denise Strilinsky Pérez, Raquel Galisteo Panadero, Lourdes Rodríguez Castro, Jesús Zamora Tortosa

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Comparison of exercise capacity and arterial stiffness in COPD effects of emphysema
Elif Kocaaga (ANKARA, Turkey), Aslihan Cakmak-Onal, Duygu Aydin, Oguz Karcioglu, Deniz Inal-Ince

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Impact of mucus properties and clinical conditions on mucus displacement during mechanical in-exsufflation
Roberto Martinez Alejos (Montpellier, France), Marius Lebret, Juliette Raoul-Duval, Ema Swingwood, Willemke Stilma, Marcia S Volpe, Emeline Fresenel, Maxime Patout

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Weaning in the IRCU: factors retarding the process. A retrospective observational study.
Adriana Martin Pascual (Badalona, Spain), Antonio Marin Muñiz, Ignasi Garcia Olivé, Irene Aldas Criado, Monica Matute Villacis, Antoni Rosell Gratacos

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The role of laughter in respiratory health: a systematic review of laughter-based interventions in adults with chronic respiratory disease
Kezia Dowsett (London, United Kingdom), Arietta Spinou, Emmy Chu, William Taylor, Annemarie Lee, Vasiliki Theodorou

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Prevalence of urinary incontinence in a Belgian pulmonary rehabilitation cohort.
Evelyn Pauwels (Antwerp, Belgium), Kevin De Soomer, Bilitis Crokaert, Jo Raskin, Alexandra Vermandel, Stefan De Wachter, Thérèse Lapperre

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Profile of individuals with COPD who reduce sedentary time after a pulmonary rehabilitation program specifically designed for sedentary behavior change.
Lais Santin (Londrina, Brazil), Thais Tofoli, Amanda Pucca, Mariana Vicentin, Carlos Augusto Camillo, Leticia Medeiros, Fabio Pitta

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Patient's perspectives on a virtual physical prehabilitation program in lung transplant candidates: a qualitative study
Tania Janaudis-Ferreira (Montréal (QC), Canada), Nicholas Bourgeois, Marie-Françoise Malo, Larry C Lands, Karina Prévost, Charles Poirier

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Correlation between sleep parameters, systemic inflammation, functional exercise capacity and blood lipids in moderate OSAS patients
Nurel Ertürk (Mersin, Turkey), Adem Çelik, Hüseyin Yaman, Sevim Kahraman Yaman, Ebru Çalık Kütükcü

PS-2 Session 08:00 - 09:30

Poster session: Enhancing and further understanding the benefits of pulmonary rehabilitation

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Pulmonary rehabilitation | Transplantation | General respiratory patient care

Chairs : William Man (Harefield, United Kingdom), Chair to be confirmed

Intra- and Inter-Day Variability of FeNO in Asthma Patients During Inpatient Pulmonary Rehabilitation
Rainer Gloeckl (Schoenau am Koenigssee, Germany), Daniela Kroll, Gaffar Abdullayev, Inga Jarosch, Tessa Schneeberger, Christoph Nell, Rembert Koczulla

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Impact of pulmonary rehabilitation on body composition in patients with COPD
Bente Brauwers (Heerlen, Netherlands), Frits Franssen, Paula Van Melick, Roy Meys, Rosanne Beijers, Jeroen Van Hees, Bram Van Den Borst, Chris Burtin, Felipe Machado, Martijn Spruit

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The effect of Pulmonary Rehabilitation on Bone Mineral Density in COPD patients.
Andreas Daskalakis (N. Smyrni - Athens, Greece), Irini Patsaki, Maria Papandreou, Afroditi Evangelodimou, Irini Grammatopoulou

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RESPIRATORY REHABILITATION AND INSULIN RESISTANCE IN COPD PATIENTS: PRACTICAL ASPECTS
Olha Lemko (Uzhgorad, Ukraine), Margarita Haysak, Diana Reshetar, Natalia Vantiukh, Svitlana Lukashchuk

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Impact of echocardiographic abnormalities on pulmonary rehabilitation outcomes in patients with COPD
Cássia Goulart (São Carlos, Brazil), Sarah Houben-Wilke, Martijn A. Spruit, Nicole H.M.K. Uszko-Lencer, Audrey Borghi-Silva, Frits M.E. Franssen

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A study of in-patient setting in chronic lung disease patients with exacerbation who received pulmonary rehabilitation during hospitalization in Faculty of Medicine, Ramathibodi hospital.
Saranyu Bunyaphothi (Bangkok, Thailand), Naparat Amornputtisathaporn

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Eligibility for Prophylactic Azithromycin in individuals with COPD attending pulmonary rehabilitation
George D Edwards (Ilford, United Kingdom), Timothy Jenkins, Karen A Ingram, Samantha Kon, Claire M Nolan, William D-C Man

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A scoping review of peer support interventions to facilitate the uptake of pulmonary rehabilitation in COPD
Samantha Hayes (Liverpool (Merseyside), United Kingdom), Andy Levy, Joy Gana-Inatimi, Adrian Midgley

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Predicting enrolment to pulmonary rehabilitation
Holly Drover (Leicester, United Kingdom), Lin Wang, Mark W Orme, Matthew Richardson, Jennifer K Quint, Rachael Evans, Sally J Singh, Enya Daynes

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Predictors of completing pulmonary rehabilitation in the UK
Holly Drover (Leicester, United Kingdom), Lin Wang, Mark W Orme, Matthew Richardson, Jennifer K Quint, Rachael Evans, Sally J Singh, Enya Daynes

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Guiding STAR: can we predict success in COPD Pulmonary Rehabilitation?
Andreia Casimiro Daniel (Beja, Portugal), Gisela Gomes, Patrícia Martins, Maria Miguel, Marta Baião, Ana Gomes, Sílvia Rodrigues, Tiago Sequeira, Miguel Constante, Susana Clemente, Ana Rolo Duarte, Ana Borges, Filipa Todo Bom

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Pulmonary rehabilitation (PR) using minimal or specialist equipment:effects on quadriceps strength
Melanie Palmer (Uxbridge (Middlesex), United Kingdom), Suhani Patel, George Edwards, Timothy Jenkins, Karen Ingram, Claire Nolan, William Man

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The magnitude of pulmonary rehabilitation-induced improvements in health outcomes is independent of age category in COPD
Nikolaos Chynkiamis (Ilion, Greece), Angelos Vontetsianos, Christiana Lekka, Christina Anagnostopoulou, Spyros Kanakopoulos, Thomi Karanika, Annita Papasarantou, Zafeiris Louvaris, Andrianna Papaioannou, Grigoris Stratakos, Petros Bakakos, Nikolaos Koulouris, Ioannis Vogiatzis, Georgios Kaltsakas

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Monitoring rehabilitation at the patient's home: free website and user-friendly customization tutorial for healthcare professionals
Nuria Farre (Galway, Ireland), Ariadna Sabala, Donough Mcbrearty, Ailis Loughnane, Jorge Otero, Ramón Farré Ventura

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Cost and carbon footprint comparison of mobile pulmonary rehabilitation (m-PR) and centre-based pulmonary rehabilitation
Sarah Brown (Melbourne, Australia), Michelle Cunich, Sally Wootton, Marita Dale, Jennifer Alison, Andrew Chan, Marlien Varnfield, Ian Yang, Zoe Mckeough

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Application of Virtual Reality - Assisted Respiratory Rehabilitation Training in Patients with Chronic Respiratory Diseases: A Randomized Controlled Trial
Na Yao (Changchun of Jilin province, China), Hongjing Lin, Zeyu Qin

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Pulmonary rehabilitation with negative pressure ventilation (NPV) attenuates lung function decline, limits exercise-induced desaturation and increases walking distance in idiopathic pulmonary fibrosis (IPF)
Te Fang Sheng (Taoyuan, Taiwan), Hung-Yu Huang, Ji Hkah Chen, Kian Fan Chung, Chun-Hua Wang

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Quadriceps electrical stimulation as an adjunct to pulmonary rehabilitation: a pilot randomised controlled trial
William Man (Harefield, United Kingdom), Jack Taylor, Sarah Jones, Suhani Patel, Ruth Barker, Karen Ingram, Claire Nolan, Matthew Maddocks

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The role of artificial intelligence in respiratory rehabilitation
(Changchun, China)

Effect of a hybrid pulmonary rehabilitation programme on performance status in patients eligible for lung transplant
Shubham Agarwal (Lucknow, India), Anant Mohan, Vidushi Rathi, Karan Madan, Vijay Hadda, Saurabh Mittal, Pawan Tiwari, Tejas Suri, Randeep Guleria, Milind Hote, Manoj Sahu, Sandeep Seth, Aarti Vij, Swati Yadav, Maroof Khan

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PS-29 Session 08:00 - 09:30

Poster session: Microbial detection, resistance and host response in respiratory infection

Disease(s) : Airway diseases

Method(s) : Endoscopy and interventional pulmonology Epidemiology Public health General respiratory patient care Cell and molecular biology Physiology Respiratory intensive care Transplantation

Chairs : Chair to be confirmed

Added Diagnostic Value of Bacterial and Viral PCR in BAL Samples of Patients with Suspected Respiratory Infections
Francesca Mandurino Mirizzi (LECCE, Italy), Marina Saad, Giada Lazzaroni, Juan Camilo Signorello, Silvia Nella Grosso, Andrea Airoldi, Dejan Radovanovic, Pierachille Santus

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Added diagnostic value of the BioFire PN-panel in patients hospitalized with Community-Acquired Pneumonia
Dian Karssen (Alkmaar, Netherlands), Lotte C. Terpstra, Wim Boersma, Wouter Rozemeijer

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Evaluation of Multiplex Polymerase Chain Reaction (PCR) Positive Patients Hospitalized with Respiratory Symptoms: Frequency of Viral Pathogens and Clinical Outcomes
Gülistan Karadeniz (Izmir, Turkey), Can Biçmen, Onur Fevzi Erer, Büşra Dinçel, Melike Gökbel, Sibel Karasu, Mervenur Atcı, Berna Kömürcüoğlu

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Microbiological findings of bronchial aspirate and bronchoalveolar lavage in the first month after lung transplantation
Begoña Peña del Cura (Madrid, Spain), Clara Seghers Carreras, Lucía Ortega Ruiz, Juan Margallo Iribarnegaray, Rodrigo Alonso Moralejo, Fernando Revuelta Salgado, Ricardo García Luján

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The antimicrobial susceptibility pattern of lower respiratory tract infection pathogens in patients with chronic respiratory diseases
Dalia Ezat Elsharawy (Elgharbya, Egypt), Manar Rady, Marwa Ezzat, Ahmed Shawky

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Sputum bacteria and resistance patterns in asthma patients: a 27-year longitudinal analysis
Jiashu Shen (Oxford, United Kingdom), Clare Tiedeman, David Eyre, Sarah Walker, Timothy Hinks

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Age- and gender-stratified differential diagnosis of respiratory pathogen infections based on symptom variations
Chunyan Xiang (Beijing, China), Tingting You, Yeming Wang, Bin Cao

Trends of respiratory pathogens causing ARI at a tertiary centre in Mumbai ,India
Sanjitha Muneeswaran (Chennai, India), Aparna Naik, Shaoli Basu, Zarir F Udwadia, Jai Mullerpattan, Radhika Banka, Camilla Rodrigues, Lancelot M Pinto

Comparison of Multidrug-Resistant (MDR) and Non-MDR Patients in medical Intensive Care Unit: an observational study.
Kaleem Toori (Rawalpindi, Pakistan), Ramsha Ghazal

Emergence and Distribution of MBL and Serine-β-Lactamase-Producing Pathogens in Ventilator-Associated Pneumonia: A Study on Multidrug and Extensively Drug-Resistant Strains"
Zeb Hussain (Karachi, Pakistan), Asma Naim

Procalcitonin-guided antibiotic prescription in patients with respiratory syncytial virus (RSV) and influenza virus
Lisa Hessels (Alkmaar, Netherlands), Didi Vossen, Miriam Leeuw, Nienke Paternotte, Dian Karssen, Lotte Terpstra, Wim Boersma

Bacterial extracellular vesicles as protective decoys: a novel mechanism of resistance
Anna Lena Jung (Marburg, Germany), Marie Burt, Gerogia Angelidou, Christopher Nils Mais, Christian Preußer, Timo Glatter, Thomas Heimerl, Gowtham Boosarpu, Elke Pogge Von Strandmann, Janis Müller, Gert Bange, Mareike Lehmann, Nicole Paczia, Bernd Schmeck

Host-response profiles aid interpretation of rhinoenterovirus detection in adults hospitalised with acute respiratory infection.
Alex Tanner (Southampton, United Kingdom), Bilge Eylem Dedeoglu, Rebecca Wong, Tristan W Clark

Association of predisposition infection response organ (PIRO) score for mortality risk of patients with bacterial community acquired pneumonia in a tertiary private hospital
Nolin Meribel Realingo (San Juan, Philippines), Jamie Lynn Co

Safety and efficacy of CT-guided lung biopsy and drainage for the management of respiratory infections
Kohei Fujita (Kyoto, Japan), Naoki Fujimoto, Saiki Yoshimura, Shogo Toyama, Takuma Imakita, Issei Oi, Osamu Kanai, Kiminobu Tanizawa

REACH: a multi-country, non-interventional study to evaluate the effectiveness of OM-85 for the prevention of recurrent respiratory tract infections in pediatric and adult patients, and its use in routine clinical practice
Caterina Sansone (Geneva, Switzerland), Pauline Maffert, Lorenz Lehr, Giorgio Walter Canonica, Jinping Zheng, David Price

Selection of IgA coated microbiome from Endotracheal Aspirate.
Veronica Monforte (08208, Spain), Laia Puig, Marta Camprubí, Elena Campaña, Aina Areny, Sara Quero, German Julia, Gemma Gomà, Emilio Diaz, Antoni Artigas, Leticia Suárez, Giuliana Magri, Adrian Ceccato

Comparison of pollutant levels and its effect on iinfluenza-like illness among adults in Hong Kong pre- and during COVID-19 pandemic
Shama Razzaq (Hong Kong, China), King Lun Yeung, Wei Han

Clinical and radiological characteristics of viral and non-viral pathogens in hospitalized patients with pneumonia:a retrospective analysis
Kübra Taskaraca Karabacak (Ankara, Turkey), Hulya Kaya, Azime Demirel Aydin, Livia Qose, Ozge Tonbuloglu Altiner, Asiye Ugras Dikmen, Nurdan Kokturk

PS-24 Session 08:00 - 09:30

Poster session: Anatomy lessons in transplantation: advances in categorisations of lung transplant acronyms

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Surgery | Transplantation | Pulmonary function testing | Palliative care | Epidemiology | Cell and molecular biology | Respiratory intensive care | General respiratory patient care | Pulmonary rehabilitation

Chairs : Eva Revilla Lopez (Barcelona, Spain), Hans Henrik Schultz (Copenhagen, Denmark)

Multi-state modeling of baseline lung allograft dysfunction in lung transplant recipients
Michael Gerckens (München, Germany), Alexander Richard, Paola Arnold, Tobias Veit, Jürgen Barton, Jeremias Götschke, Katrin Milger, Teresa Kauke, Christian Schneider, Sebastian Michel, Michael Irlbeck, Malte Lücken, Ali Önder Yildirim, Jürgen Behr, Nikolaus Kneidinger, Carlo Mümmler

Pleural effusions requiring thoracocentesis are associated with baseline lung allograft dysfunction and mortality in lung transplant recipients
Carlo Mümmler (München, Germany), Michael Gerckens, Nicole Weiss, Daria Khmelovska, Alexander Richard, Mathias Klemm, Philipp Plohmann, Paola Arnold, Tobias Veit, Jürgen Barton, Teresa Kauke, Christian Schneider, Sebastian Michel, Michael Irlbeck, Ali Önder Yildirim, Jürgen Behr, Nikolaus Kneidinger

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Investigating factors influencing baseline allograft dysfunction in patients undergoing bilateral lung transplantation.
Paula Barquero Dueñas (Barcelona, Spain), Berta Sáez Giménez, Cristina Berastegui García, Ane Lopez Gonzalez, Marta Andreu Casas, Sara Salvador, Carlos Bravo Masgoret, Víctor Monforte, Joel Rosado, Judith Sacanell, Manuel López Meseguer, Susana Gómez-Ollés, Eva Revilla López

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A single centre analysis of the association between selected non-HLA antibodies and primary graft dysfunction
Andrei Darie (Melbourne, Australia), Steven Hiho, Bronwyn Levvey, Samantha Ennis, Miranda Paraskeva, Damanjit Goondi, Reece Jefferies, Helen Shingles, Steven Ivulich, Glen Westall, Lucy Sullivan, Gregory Snell

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Bedside identification of biological phenotypes in lung transplant (LUTX) recipients
Vittorio Scaravilli (MILAN, Italy), Anna Vitalini, Davide Pietro Carrà, Valentina Vago, Marco Bosone, Gloria Turconi, Amedeo Guzzardella, Fabiana Madotto, Letizia Corinna Morlacchi, Lorenzo Rosso, Mario Nosotti, Francesco Blasi, Giacomo Grasselli

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Unveiling Acute Lung Allograft Dysfunction (ALAD): an emerging and underrecognized post-transplant entity
Marco Guerrieri (Siena, Italy), Felice Perillo, Matteo Fanetti, Jean-Guillaume Starnini, Chiara Piscitello, Francesco Gentili, Armando Perrella, Vito Di Martino, Antonella Fossi, Luca Luzzi, Elena Bargagli, Maria Antonietta Mazzei, David Bennett

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Baseline Lung Allograft Dysfunction: Prevalence, Risk factors and Post-Transplant Outcomes
Hanne Beeckmans (Leuven, Belgium), Lyne Van Dieren, Pieterjan Kerckhof, Jan Van Slambrouck, Cedric Vanluyten, Laurens Ceulemans, Andrea Zajacova, Marta Zapata-Ortega, Saskia Bos, Laurens De Sadeleer, Laurent Godinas, Lieven Dupont, Bart Vanaudenaerde, Robin Vos

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Incidence and progression of late -acute-lung allograft dysfunction (ALAD) in a single center cohort of Lung recipients
Federica Meloni (Padova, Italy), Fausto Braccioni, Monica Loy, Sara Lococo, Federico Lionello, Francesca Lunardi, Marta Vadori, Chiara Giraudo, Andrea Vianello, Emanuele Cozzi, Fiorella Calabrese, Marco Schiavon, Federico Rea

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Venous thromboembolism after lung transplantation and its relation with survival and chronic lung allograft dysfunction
Dieuwertje Ruigrok (Utrecht, Netherlands), Rob Schönwetter, Marco C. Post

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Pre-transplant non-HLA antibody subtypes may impact long-term outcomes in lung transplant recipients
Andrei Darie (Melbourne, Australia), Steven Hiho, Bronwyn Levvey, Samantha Ennis, Miranda Paraskeva, Damanjit Goondi, Reece Jefferies, Helen Shingles, Steven Ivulich, Glen Westall, Lucy Sullivan, Gregory Snell

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Pre-transplantation immunosuppression impairs lung transplant outcomes in interstitial lung disease
Karim Tazibet (Lille, France), Vincent Bunel, Hervé Mal, Tiphaine Goletto, Pierre Halitim, Lise Morer, Domitille Mouren, Mathilde Salpin, Adèle Sandot, Gaëlle Weisenburger, Philippe Montravers, Enora Atchade, Sebastien Tanaka, Justine Frija-Masson, Linda Hajouji, Yves Castier, Pierre Mordant, Bruno Crestani, Raphaël Borie, Kinan El Husseini

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Impact of DLCO on survival in COPD patients referred (but not accepted) for lung transplantation
Jakob Van Herck (Leuven, Belgium), Saskia Bos, Laurens De Sadeleer, Stephanie Everaerts, Wim Janssens, Laurens J. Ceulemans, Dirk Van Raemdonck, Lieven Dupont, Robin Vos, Laurent Godinas

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Audit of lung transplant referrals for Interstitial Lung Disease (ILD)
muhammad moeed iqbal (Dublin 13, Ireland), Michelle Murray, Nicola Ronan

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Allergy transfer from donor to recipient in lung transplantation
Bianca Battilana (Zurich, Switzerland), Rea Andermatt, Martina Haberecker, Macé Schuurmans, Ilker Iskender, Theodorus Papasotiropoulos, Rolf Schuepbach, Claudia Lang, Franz Immer, György Lang, Isabelle Opitz

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Application of Roy's Adaptation Model in Postoperative Rehabilitation of Lung Transplant Patients
Xueli Zhang (Changchun (Jilin), China), Hongjing Lin, Yi Cui, Zeyu Qin

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Evaluating large animal ex vivo lung perfusion (EVLP) models: Contributions, bias, and research gaps in lung transplantation studies
Shane Fisher (Dublin, Ireland), James O'Connor, Karen Redmond

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A second chance: controlled asystole donation in neuromuscular disease patients.
Miguel Jimenez Gomez (Madrid (Madrid), Spain), Ana Hernández Voth, Marta Corral Blanco, Laura González Ramos, Carmen Lorenzo Martínez, Clara Seghers Carrera, Lucía Ortega Ruiz, Begoña Peña Del Cura, Javier Sayas Catalan

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Long-term outcomes among lung transplant recipients with high-risk cytomegalovirus mismatch
Amit Banga (Palo Alto, United States), Rohan Kanade, Anishka Kappalayil, Fernando Torres

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Gender Medicine in Lung Transplant.
Jean-Guillaume Starnini (Siena, Italy), Paolo Cameli, Elena Bargagli

From intensive care to independent breathing: Postoperative recovery following bilateral lung transplantation through collaboration between nurses and physiotherapists
Nikolina Perak (Zagreb, Croatia), Azra Hodzic, Hrvoje Krstanovic, Martina Cubic, Tanja Zovko, Tajana Jalusic Gluncic, Fedza Dzubur

PS-10 Session 08:00 - 09:30

Poster session: Revisiting established asthma and COPD therapies: new data and evolving perspectives

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Pulmonary rehabilitation Epidemiology Imaging Endoscopy and interventional pulmonology Physiology Cell and molecular biology

Chairs : Thérèse Lapperre (Edegem, Belgium), Andrea Portacci (Modugno, Italy)

Phase III/IV trials of COPD maintenance management assess heterogeneous outcomes
Vi Truong (Salford, United Kingdom), Sulaiman Bin Safar, Sachin Ananth, Markus Fally, Nawar Diar Bakerly, Sarah Gorst, Dave Singh, Jørgen Vestbo, Lies Lahousse, Alexander G. Mathioudakis

Effects of oral doxofylline and procaterol on chronic obstructive pulmonary disease: A randomized crossover study
Sarawut Panichaporn (Chonburi, Thailand), Narongkorn Saiphoklang, Thiravit Siriyothipun, Pitchayapa Ruchiwit

Prophylactic azithromycin in preventing recurrent acute exacerbations of COPD and blood eosinophil counts: a hospital review
Mathieu Saint-Pierre (Ottawa, Canada)

Inflammation, lung function, symptoms and reliever use in chronic obstructive pulmonary disease
Mona Bafadhel (London, United Kingdom), Richard Russell, Graham W Clarke, Laura Belton, Malin Fagerås, Per Gustafson, Vieshal Raja Gopal, Tim Harrison

High- vs. low-intensity inspiratory muscle training in asthma: effects on exercise capacity and clinical characteristics
Cahidenur Kocak (Pendik, Turkey), Esra Pehlivan, Seyma Baslilar

Effectiveness Salmeterol-Fluticasone and Indacaterol on FEV1/FVC Post-Tuberculosis Patient at dr. H. Abdul Moeloek Hospital Lampung Province Indonesia
Retno Ariza Soemarwoto (Bandar Lampung, Indonesia), Khairun Nisa Berawi, Pad Dilangga, Anse Diana Valentiene Messah, Adhi Nugroho Latief, Adityo Wibowo, Chicy Widya Morfi

What is the effective pharmacotherapy for post TB COPD? An observational multicentric, real world effectiveness study from India
Sujata Chauthmal (Pune, India), Suhas Bardapurkar, Shreehas Bardapurkar, Kalpesh Panchal, Vivek Vardhan Veerapaneni, Vishnun Rao Veerapaneni, Aleemuddin Naveed, Parthasarathi Bhattacharyya, Kasiram Goli M Venkata, Jaymohan Unnithan, Anil Kumar Singh, Sonia Dalal, Gayathri Malkapuram, Vishlavath Bhaskar, Mahendra Kumar Gupta, Vaibhav Kubal, Abhinav Bhosale, Huda Shamim, Nandagopal Velayuthaswamy, Srikanth Krishnamurthy, Nagarajan Srinivasan, Sapna Madas, Abhishek Sabale, Ruby Swami, Samruddhi Bhalare, Nikita Navale, Deepika Dhumal, Namiksha Koli, Rushika Shah, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay, Deesha Ghorpade, Sundeep Salvi

Persistence and outcomes after 12 months of patients with COPD initiating formoterol/glycopyrronium/budesonide in Spain. ORESTES study
Bernardino Alcazar Navarrete (Cájar, Spain), Juan Marco Figueira-Gonçalves, Carmen Corregidor, Luciano Escudero, Joaquín Sánchez-Covisa

Serum levels of salbutamol in healthy volunteers and patients with chronic obstructive pulmonary disease.
Kristian Brat (Brno, Czech Republic), Martin Scurek, Martin Pesl, Jan Pribyl, Petra Pribylova, Vladimir Rotrekl

Real-world evidence (RWE) study on clinical outcomes in asthma: fluticasone furoate/vilanterol (FF/VI) versus (vs) budesonide/formoterol (BUD/FOR)
Ashley Woodcock (Manchester (Greater Manchester), United Kingdom), John Blakey, Arnaud Bourdin, Giorgio Walter Canonica, Christian Domingo, Alexander Ford, Rosie Hulme, Theo Tritton, Emily Vinall, Ines Palomares, Sanchayita Sadhu, Arunangshu Biswas, Manish Verma

Chinese patients receiving ICS/LABA or LAMA-containing asthma therapy characterisation: Retrospective cohort study
Zhiliu Tang (Shanghai, China), Xin Li, Jie Cao, Iris Chen, Sune Hao, Stephen G. Noorduyn, Jiaxin Ding

Risk of future exacerbations in patients with severe uncontrolled asthma in primary care
Caroline Stridsman (Luleå, Sweden), Jon Konradsen, Sylvia Packham, Jörgen Syk, Lowie Vanfleteren, Apostolos Bossios

General physicians' experience and perception of symptoms control in patients of asthma changed to branded generic formulation of Salmeterol/Fluticasone in Spain: The ORIGEN study
Belen Lopez-Muñiz Ballesteros (Madrid, Spain), Aniruddha Mukhopadhyay, Abhijit Vaidya, Sushmeeta Chhowala, Jaideep Gogtay, Vaibhav Gaur

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High variability of blood eosinophil (bEOS) levels among patients with chronic obstructive pulmonary disease (COPD) in the real world
Denise Boudreau (Seattle, United States), Huong Trinh, Tracy Burgess, Xin Chen, David M Mannino, Lauren Millette, Arpamas Seetasith, Katerina Samara, Charlie Strange

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Changes in sensory and affective components of dyspnea in severe COPD treated with endobronchial valves (EBV)
Nathalie Bautin (Lille cedex, France), Camille Nokin, Frederic Wallyn, Olivier Le Rouzic, Thierry Perez, Cecile Chenivesse

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Home high-flow therapy: insights from remote-monitoring and linked routine clinical data
Lorna Hickey (glasgow, United Kingdom), Eve Walker, Anna Taylor, Chris Carlin

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Reduction of Hyperinflation and Airway obstruction through BiPAP Ventilation using Expiratory-Flow-Technology (EFL)
Markus Henke (Solln, Germany), Fabian Schmitt, Stefanie Klampfleitner, Jan Hendrik Storre, Andreas Fertl, Ositha Prinz, Martin Dörfler-Schalm

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Detection of Collateral Ventilation in Pre-Planning for Bronchoscopic Lung Volume Reduction Procedures Using Advanced CT Imaging
Nina Eikelis (Melbourne, Australia), Kris Nilsen, Maya Wilmhurst, Nathaniel Marchetti, Marium Rashid, Walia Priya, Lii-Yoong Criner, Charles Hatt, Gerard Criner

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Effect of Long-Term Oxygen Therapy on Survival in COPD Patients with Moderate Resting Hypoxia after Acute Exacerbation: A Propensity Score-Weighted Analysis
Kenta Nishiyama (Okinawa, Japan), Tomohiko Hasegawa, Kazunori Tamaki, Tomohiko Ishimine

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Repeated sampling improves identification of eosinophilic COPD patients
Sophie Shields (Manchester, United Kingdom), Augusta Beech, Dave Singh

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PS-6 Session 08:00 - 09:30

Poster session: Omics-driven insights into acute and chronic lung disease: from molecular signatures to therapeutic targets

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Cell and molecular biology Imaging

Chairs : Aurélien Justet (Caen, France), Olivier Burgy (Dijon, France)

Protein Expression-Based Models for Differentiating Idiopathic Pulmonary Fibrosis from Non-IPF Interstitial Lung Diseases
Pin-Kuei Fu (Taichung, Taiwan), Chen-Shiou Wu, Lan-Yan Yang

Unveiling Gene Signatures of UIP-like Progression from Airway-Centric Interstitial Fibrosis
Andrea Jazel Rodríguez Herrera (Ribeirão Preto, Brazil), Sabrina Setembre Batah, Maria Julia Faci Do Marco, Wagner Moneda Telini, Tales Rubens Nadai, Marcel Koenigkam Santos, Jose Antônio Baddini, Vera Luiza Capelozzi, Alexandre Todorovic Fabro

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Using Spatial transcriptomics to profile selected candidate causal genes in lung epithelial regions of COPD and IPF patients
Holly Pedley (Nottingham, United Kingdom), Rohan Paranjpe, Alex Clay, Michael A Portelli, Samuel T Moss, Robert J Hall, Nick Shrine, Louise V Wain, Martin D Tobin, Ian P Hall, Ian Sayers

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Spatially resolved expression profiling of lung function impairment candidate causal genes in the airway smooth muscle of COPD and IPF patients.
Rohan Paranjpe (Nottingham, United Kingdom), Robert J Hall, Michael A Portelli, Alex Clay, Nick Shrine, Samuel T Moss, Louise V Wain, Martin D Tobin, Ian P Hall, Ian Sayers

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Spectral flow cytometry analysis revealed peripheral blood immune cell population changes in Idiopathic Pulmonary Fibrosis and Chronic Obstructive Pulmonary Disease
Elizabeth Guinto (Vancouver, Canada), Sameeksha Chopra, I-Chih Kuo, Samuel Shin, Julia Yang, Chung Cheung, Chris Ryerson, Janice Leung, Kelly Mcnagny, Don Sin

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Transcriptomic determinants of response to biological therapy in severe asthma: a prospective study
Laura Jiménez (Palma, Spain), Amanda Iglesias, Josep Muncunill, Aarne Fleischer, Maria Berman-Riu, Meritxell López, Ruth Engonga, Nuria Toledo, Mar Mosteiro, Inés Escribano, Francisco De Borja García-Cosío

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Transcriptomic bronchial biopsy profiles specific to asthma remission
Hui Wen (GRONINGEN, Netherlands), Orestes Carpaij, Tatiana Karp, Tessa E Gillett, Nazanin Zounemat-Kermani, Andy Lan, Katie L Raby, Alen Faiz, Victor Guryev, Kian Fan Chung, Pankaj Bhavsar, Ian M Adcock, Machteld N Hylkema, Martijn C Nawijn, Maarten Van Den Berge

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The nasal airway transcriptome reflects lower airway asthma-associated gene expression profiles
Hui Wen (GRONINGEN, Netherlands), Tatiana Karp, Orestes Carpaij, Nazanin Zounemat-Kermani, Andy Lan, Katie L Raby, Alen Faiz, Victor Guryev, Kian Fan Chung, Pankaj Bhavsar, Ian M Adcock, Machteld N Hylkema, Martijn C Nawijn, Maarten Van Den Berge

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The effect of mepolizumab on blood eosinophil subtype granule protein gene expression in severe eosinophilic asthma
Airidas Rimkunas (Kaunas, Lithuania), Andrius Januskevicius, Egle Vasyle, Jolita Palacionyte, Virginija Kalinauskaite-Zukauske, Inesa Jermalaviciene, Ryte Jurkute, Kestutis Malakauskas

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Effects of benralizumab on serum biomarkers and biomarker response after shifting from mepolizumab to benralizumab in eosinophilic granulomatosis with polyangiitis (EGPA)
Eva Rodríguez-Suárez (London, United Kingdom), Mathias Cardner, Michael E. Wechsler, Peter A. Merkel, Parameswaran Nair, David J. Jackson, David R. W. Jayne, Benjamin Terrier, Florence Roufosse, Ulrich Specks, Nancy Agmon-Levin, Lena Börjesson Sjö, Sofia Necander, Daniel Muthas, Chris Chamberlain, Adam Platt, Christopher Mccrae

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Whole blood transcriptomic profile effects of benralizumab or mepolizumab in eosinophilic granulomatosis with polyangiitis
Eva Rodríguez-Suárez (London, United Kingdom), Zhi Liu, Mathias Cardner, Lisa Öberg, Michael E. Wechsler, Peter A. Merkel, Benjamin Terrier, David R. W. Jayne, Florence Roufosse, Nancy Agmon-Levin, Lena Börjesson Sjö, Sofia Necander, Maria Jison, Daniel Muthas, Chris Chamberlain, Adam Platt, Christopher Mccrae

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Label-free 3D imaging of asthmatic airway biopsies
Sylvia Spies (Amsterdam, Netherlands), Sofi Vassileva, Laure Nicolai, Mengyao Zhou, Teodora Radonic, Johannes M. A. Daniels, Jouke T. Annema, Peter I. Bonta, Marie Louise Groot

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Spatially resolved expression profiling of lung function impairment candidate causal genes in the airway epithelium of COPD and IPF patients.
Rohan Paranjpe (Nottingham, United Kingdom), Robert J Hall, Michael A Portelli, Alex Clay, Nick Shrine, Samuel T Moss, Louise V Wain, Martin D Tobin, Ian P Hall, Ian Sayers

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Targeted spatial metabolomics and transcriptomics for mapping inflammation in the human lung
Craig Wheelock (Stockholm, Sweden), Matthew Smith, Jesper Säfholm, Alexandra Firsova, Christos Samakovlis

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Gene expression analysis identifies potential therapeutic targets in idiopathic pulmonary fibrosis
Samin Abbasidezfouli (Vancouver, Canada), Chen Xi Yang, Kohei Ikezoe, Joel D. Cooper, James Cameron Hogg, Dragos Vasilescu, Gillian C. Goobie, Tillie-Louise Hackett

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Associations between patient-reported outcome measures and omics data (PROMICs) in adults with asthma: results from the U-BIOPRED study
Guilherme Rodrigues (Aveiro, Portugal), Joana Antão, Nazanin Zounemat-Kermani, Paolo Montuschi, Qichen Deng, Alda Marques, Frits M. E. Franssen, Scott S. Wagers, Ian M. Adcock, Sven-Erik Dahlén, Martijn A. Spruit, On Behalf Of The U-Biopred Study Group

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Reanalysis of WES data reveals new candidate genes for primary ciliary dyskinesia and beyond
Tilbe Hakçıl Öz (Ankara, Turkey), Tuğba Şişmanlar Eyüboğlu, Ayse Tana Aslan, Nilgün Kula, Gülsüm Kayhan

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In silico exploration of the long and circular non-coding RNA network associated with Idiopathic Pulmonary Fibrosis
PERIKLIS MARNAS (Larisa, Greece), Eleftherios Papazoglou, Chryssi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis, Erasmia Rouka

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PS-38 Session 08:00 - 09:30

Poster session: Pulmonary hypertension associated with chronic lung disease, mainly COPD and pulmonary hypertension associated with high altitude

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases

Method(s) : Pulmonary function testing | Pulmonary rehabilitation | General respiratory patient care | Epidemiology | Physiology | Imaging | Public health

Chairs : Silvia Ulrich (Zurich, Switzerland), Valentina Mercurio (Napoli, Italy)

Clinical significance of bendopnea in patients with COPD and its role in screening for pulmonary hypertension associated with COPD
Toshitaka Shomura (Matsumoto City, Japan), Yosuke Wada, Yusuke Suzuki, Norihiko Goto, Kei Sonehara, Yoshiaki Kitaguchi, Atsuto Ushiki, Masanori Yasuo, Masayuki Hanaoka

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Pulmonary hypertension in chronic obstructive pulmonary disease exacerbations.
Elena Calancea (Chisinau, Codru, Republic of Moldova), Sergiu Matcovschi, Nicolae Bodrug, Ion Sirbu, Valentin Calancea

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Male sex is associated with severe pulmonary hypertension and increased mortality risk in COPD patients with elevated mean pulmonary arterial pressure
Klemens Orasche (Graz, Austria), Teresa John, Philipp Douschan, Vasile Foris, Bradley A Maron, Nikolaus Kneidinger, Gabor Kovacs, Katarina Zeder

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Association of Clinical and Radiological Parameters of Pulmonary Hypertension and Severity of Chronic Obstructive Pulmonary Disease : A Cross-sectional Analytical Study
Antonious Selvam (Puducherry, India), Sibi Sam, Arun Prasath

Pulmonary pressure increase during Acute Exacerbation in Chronic Obstructive Pulmonary Disease and clinical outcome
Ema Rastoder (Hellerup, Denmark), Pradeesh Sivapalan, Caroline Hedsund, Peter Kamstrup, Tor Biering-Sørensen, Maria Dons, Trine Charlotte Bistrup Petersen, Filip Soeskov Davidovski, Kristoffer Grundtvig Skaarup, Morten Sengeløv, Emil Durukan, Ditte Vesterlev, Helena Zander Wodschow, Lars Pedersen, Josefin Eklöf, Mia Moberg, Julie Janner, Louise Lindhardt Toennesen, Hashmat S. Z. Bahrami, Ulrik Dixen, Jens Dahlgaard Hove, Magnus Thorsten Jensen, Daniel Alexander Ackermann, Alexander Jordan, Valdemar Rømer, Søren Sperling, Elisabeth Bendstrup, Casper Falster, Christian B. Laursen, Jørn Carlsen, Jens-Ulrik Stæhr Jensen

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Elevated pulmonary vascular resistance is associated with acute exacerbation readmission in patients with chronic obstructive pulmonary disease-related pulmonary hypertension
Yingjie Chen (Wuhan, China), Fajiu Li, Chenghong Li

Pulmonary hypertension associated with chronic respiratory disease: the experience of a referral center.
Bianca Baino (Frattamaggiore, Italy), Antonio Orlando, Silvia Caiazza, Marialuisa Bocchino, Michele D'Alto

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Natural history and determinants of outcome in a large national cohort of infants with bronchopulmonary dysplasia related pulmonary hypertension (BPD-PH)
Caterina Lerose (London, United Kingdom), Sadia Quyam, Shahin Moledina

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Predictors of outcome in pulmonary hypertension in association with lung disease
Ellis Cerrone (Sheffield, United Kingdom), Zeming Goh, Felicity Hitchcock, Anusha Gajanan, Mahindhan Senkathir, Samer Alabed, Krit Dwivedi, Robin Condliffe, Abdul Hameed, Athanasios Charalampopoulos, Judith Hurdman, Charlie Elliot, Alex Rothman, Roger Thompson, David Kiely

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Effect of short-term supplemental oxygen therapy on six-minute walk distance in highlanders at risk for high altitude pulmonary hypertension: a randomized, crossover trial
Dinah Hertig (Zurich, Switzerland), Michael Furian, Julian Müller, Laura Mayer, Anna Titz, Mona Lichtblau, Alina Häfliger, Lena Reimann, Alessandro Vella, Maamed Mademilov, Adilet Omuralieva, Kay Von Grünigen, Simon Rafael Schneider, Talant Sooronbaev, Silvia Ulrich

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Changes in cardiac repolarisation by ECG in lowlander with pulmonary vascular disease during a day-trip to 2500m (Mount Säntis) - RCT
Simon Raphael Schneider (Zürich, Switzerland), Gian-Fadri Jäger, Mona Lichtblau, Laura Mayer, Esther Irene Schwarz, Michael Furian, Julian Müller, Konrad E Bloch, Silvia Ulrich

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Characteristics and outcomes of patients with coexisting bronchiectasis and pulmonary hypertension
Binnaz Zeynep Yildirim (Istanbul, Turkey), Zeynep Guney, Elif Tanriverdi, Ahmet Oz, Erdogan Cetinkaya

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Unraveling Four Paradoxes in Patients with Pulmonary Hypertension Living in the Andean Region: The Hidden Links between Altitude, Symptom Duration, Symptomatic Phenotype, and Hemodynamic Profile.
Mauricio Orozco-Levi (Floridablanca, Colombia), Rafael Conde, Alejandro Londoño, Ricardo Gómez Palau, Lucila Flórez, Julian Cortés Colorado, Juliana De Luque, Angie Pabón-Quezada, Alba Ramírez-Sarmiento

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Acute and one-week effects of descent from 3250m to 760m on pulmonary hemodynamics and exercise capacity in Kyrgyz highlanders at risk for pulmonary hypertension
Alessandro Vella (Zürich, Switzerland), Julian Müller, Adilet Omuralieva, Simon Schneider, Anna Titz, Laura Mayer, Mona Lichtblau, Michael Furian, Talant Sooronbaev, Sivlia Ulrich

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Acute effects of sildenafil on exercise hemodynamics whilst breathing normobaric hypoxia in patients with pulmonary vascular disease: The HEXA-RCT
Simon Raphael Schneider (Zürich, Switzerland), Mona Lichtblau, Julian Müller, Meret Bauer, Laura Mayer, Esther Irene Schwarz, Michael Furian, Stephanie Saxer, Silvia Ulrich

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Nomograms to predict severe PH and survival in COPD patients using noninvasive parameters
Jie Wang (, China), Xingxing Sun, Tianran Zhou

Does the inhaled nitric oxide pulmonary vasodilation test predict the therapeutic response in pulmonary hypertension associated with chronic respiratory diseases?
Carlos Ojeda Suárez (Las Palmas de Gran Canaria, Spain), Marta Évora García, Fernando León Marrero, Ibrahim Véliz Flores, Desireé Alemán Segura, Amando Márquez Sixto, Gregorio Pérez Peñate

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Effect of high-dose supplemental oxygen therapy on pulmonary hemodynamics at 3250m in highlanders at risk for pulmonary hypertension
Alessandro Vella (Zürich, Switzerland), Julian Müller, Adilet Omuralieva, Anna Titz, Laura Mayer, Mona Lichtblau, Michael Furian, Talant Sooronbaev, Silvia Ulrich

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The effect of high-flow nasal cannula on exercise capacity and dyspnea in patients with pulmonary hypertension associate with lung disease
Osamu Nishiyama (Osaka, Japan), Kazuya Yoshikawa, Ryo Yamazaki, Akiko Sano, Masashi Shiraishi, Yuki Mizusawa, Yuji Higashimoto, Hisako Matsumoto

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AI quantified CT percentage of fibrosis predicts survival in PH-COPD
Krit Dwivedi (Sheffield, United Kingdom), Michael Sharkey, Ahmed Maiter, Samer Alabed, Smitha Rajaram, Catherine Hill, Mahan Salehi, Charlie Elliot, Abdul Hameed, Athanasios Charalampopoulos, Roger Thompson, Alex Rothman, Robin Condliffe, Andy Swift, David Kiely

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PS-21 Session 08:00 - 09:30

Poster session: Paediatric asthma: new management and training strategies to improve clinical outcomes

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Physiology Pulmonary function testing Public health

Chairs : Peter Csonka (Tampere, Finland), Chair to be confirmed

Effectiveness of single inhaler MART for young children with severe asthma - Service evaluation
Sara Ahmad Adnan Kussad (Nottingham, United Kingdom), Alex Tom, Aminah Ali, Amina Shabbir, Anneka Sareen, Jayesh Bhatt, . Nottingham Respiratory Service, Matthew Hurley

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FENO and minimal clinically significant changes in asthmatic children a month after step down
Doris Primrose (Martinez Buenos Aires, Argentina), Gimena Donth Leger, Magdalena Vocos, Marcela Roque, Carlos Velasco Suarez, Juan Manuel Figueroa

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A transition program for adolescents and young adults with bronchial asthma
Alessia Catalisano (Firenze, Italy), Davide Versari, Sonia Rizzello, Rubina Giulia Girolamo, Elisa Bentivegna, Greta Insalata, Martina Maria Marinato, Luca Paita, Alberto Bracciali, Niccolò Marello, Chiara Marzi, Enrico Lombardi, Chiara Allegrini, Gianna Camiciottoli

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Feasibility of a personalised medicine clinic for children with asthma: The PRISTINE 2 study
Tom Ruffles (Brighton, United Kingdom), Ciara Holden, Elaney Youssef, Colin Palmer, Christina Jones, Somnath Mukhopadhyay

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A retrospective observational study to show low igE level in children with high allergy ,having history of covid 19 infection.
Himanish Roy (Kolkata, India)

Performance of reusable and disposable spacers in simulated pediatric breathing.
Laura Ojanperä (tampere, Finland), Lauri Lehtimäki, Balázs Kelemen, Péter Csonka

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Aerosol delivery using pediatric valved holding chamber face masks under real-life application pressure
Andrea Winzen (Gräfelfing, Germany), Yvonne Burmeister, Karin Steinführer, Luisa Rossmann, Arshan Perera

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Impact of an educational intervention program for asthma exacerbation in pediatric depts among healthcare professionals in twenty hospitals in Greece
Elpis Hatziagorou (Thessaloniki, Greece), Athina Karageorgiou, Fotios Kirvassilis, Elissavet-Anna Chrysochoou, Eleni Papastergiou, Maria Galogavrou, John Tsanakas

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Impact of a Multidisciplinary Program in the Categorization and Management of Children with Severe Asthma
Alvaro Teijeiro (Córdoba, Argentina), Andrés Grenat, Silvia Gomez, Carolina Bustos, Benigno Morales, Mariana Prunier, Analia Arteaga, Andrew Bush

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Network CYP Asthma Practitioners - Creating connections and improving care
Laura King (Essex, United Kingdom), Jessica Russell, Chinedu Nwokoro, Abigail Whitehouse

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Maintenance and reliever therapy (MART) in children less than 12 Years: A single-centre retrospective study
Neha Ahuja (Newcastle, United Kingdom), Zoe Rooke, Caroline Harris, Michael Mckean, Samantha Moss

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Healthcare team adherence to an asthma attack management protocol in hospitalized patients: a retrospective cohort study
Mariana Mazzuca Reimberg (São Paulo (SP), Brazil), Bruna Tateyama, Mariana Britto, Alayne Yamada, Vilma Soares, Luana Casari, Joyce Liberali

Paediatric asthma diagnosis in Switzerland: A national survey
Beatriz Guerra Buezo (Bern, Switzerland), Mari Sasaki, Lorenz Leuenberger, Sarah Glick, Erol Gaillard, Alexander Moeller, Nicolas Regamey, Oliver Sutter, Myrofora Goutaki, Claudia Kuehni

Reducing delays in corticosteroid administration in children with asthma: A pre-post test intervention study
Luna Antonino (Edegem, Belgium), Eva Goossens, Josefien Van Olmen, Stijn Verhulst, Kim Van Hoorenbeeck

Integrating data on the breathed environment into clinical practice – experience from a new environmental clinic
Abigail Whitehouse (London, United Kingdom), Charles Moorcroft, Jonathan Grigg

Reliability and validity of test for respiratory and asthma control in kids (TRACK) score in Indian preschool children
Kalyanaprabhakaran Balamurugan (rajasthan, India), Prawin Kumar, Jagdish Prasad Goyal

CONFIRM Score in Pediatric Asthma
Francesca Galletta (Messina, Italy), Amelia Licari, Simone Foti Randazzese, Antonella Gambadauro, Sara Manti

Comparison of as-required versus regular weaning inhaled salbutamol post-acute wheezing
Kah Wee Teo (Glenfield, United Kingdom), Dylan Whitaker, Karena Fraser

PS-1 Session 08:00 - 09:30

Poster session: Breathing better: evidence and innovations in oxygen, ventilation and functional respiratory care

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Interstitial lung diseases

Method(s) : General respiratory patient care | Physiology | Pulmonary function testing | Epidemiology | Respiratory intensive care | Endoscopy and interventional pulmonology | Cell and molecular biology

Chairs : Bram van den Borst (Nijmegen, Netherlands), Daniela Cristea-Nicoara (Leicester (Leicestershire), United Kingdom)

Development of a questionnaire for oxygen therapy effectiveness (QuOTE)
Michael Dreher (Aachen, Germany), Vogelmeier Claus, Gilles Jebrak, Claudio Rabec, Peter Wijkstra, Maxime Patout, Javier Sayas Catalan, Capucine Morelot-Panzini, Joao Winck, Aleksander Kania, Klaas Franzen, David Halpin, Nicholas Hart

Effect of Three Different Flows of High-Flow Nasal Cannula Oxygen Therapy in Patients with Chronic Obstructive Pulmonary Disease (COPD)
Atefeh Fakharian (Tehran, Islamic Republic of Iran), Mahrokh Fargah, Maryam Sadat Mirenayat, Reyhaneh Zahiri, Hamidreza Jamaati

Significant mortality with ward-based High Flow Nasal Oxygen: who are the optimal patients for this intervention?
Laura White (Manchester, United Kingdom), Tousif Baig, Tanmay Jain, Menaka Velewitharamalage, Devina Siaw Hui Min, Ihsan Ullah, Kathryn Prior

Enhancing oxygenation assessment: a QIP to increase FiO2 documentation in ABGs
Samraiz Nafees (KINGSTON UPON HULL, United Kingdom), Alice Tebboth, Mollie Evans, Michael Brown, Muhammad Haroon Riasat, Ali Javeed, Adi Ahmed, Riya Raphael, Kailas Nair, Aparna Ravikumar, Melna Mathew, Sashank Manda, Fateh Ullah Khan, Anoop Prakash

Role of functional status at NIV initiation in amyotrophic lateral sclerosis (ALS). Real-life data from an expert centre.
Alessandro Mele (Racconigi, Italy), Valentina Pennetta, Federica Riva-Rovedda, Valerio Dimonte, Marco Clari, Elisa Mesiti, Giulia Anna Poggio, Chiara Chiappero, Fulvia Ribolla, Michela Maria Bellocchia, Marco Michele Bardessono, Giuseppe Tabbia, Rocco Francesco Rinaldo, Paolo Solidoro

Bridging the NIV Care Gap: A Quality Improvement Initiative to Enhance Home NIV Management Across Hospital Wards
Ramy Atia (LEEDS, United Kingdom), Daniel Green

Respiratory Effects of Nusinersen Treatment in Adolescents with Spinal Muscular Atrophy
Moran Lavie (Tel-Aviv, Israel), Mika Rochman, Dar Shay Levanon, Michal Cahal, Moria Be'Er

Comparison of airway occlusion pressure (P0.1) in simple weaning and difficult weaning patients: a retrospective study
Yu Ciao Wang (Taichung, Taiwan), Hung Yuan Lai, Yu Chen Lin, Zih Lin Zeng, Sin Yu Shih

Excessive Dynamic Airway Collapse - a single center cohort
Thomas Jones (Winchester, United Kingdom), Shyun Tiong, Tashi Playle, Rob Cowburn, Laura Wardle, Matt Quint, Kayode Adeniji

Smartphone-based home spirometry for longitudinal monitoring of respiratory function: a prospective observational study
Garth Cruickshank (Birmingham, United Kingdom), Bipin Patel

Excessively large tracheostomas in prolonged weaning: A survey of different healthcare professionals
Gabriele Iberl (Heidelberg, Germany), Benjamin Neetz, Sabine Wege, Max Barre, Peter Wolf, Michael Müller, Bodil Wilkens, Biljana Joves, Jana Dahlhoff, Felix F. J. Herth, Franziska Trudzinski

Causes and health outcomes of breathless patients admitted to hospital in Malawi: a multicentre prospective cohort study
Stephen Spencer (Liverpool, United Kingdom), Florence Malowa, David Mccarty, Elizabeth Joekes, Jacob Phulusa, Lucy Keyala, Sylvester Kaimba, Peter Mandala, Mercy Mkandawire, Albert Mukatipa, Mulinda Nyirenda, Hendry Sawe, Sarah White, Marc Henrion, Daniel Augustine, David Oxborough, Felix Limbani, Eve Worrall, Paul Dark, Jamie Rylance, Stephen B Gordon, Ben Morton

Awake prone positioning reduces intubation rates in non-intubated patients with hypoxemia: a systematic review and meta-analysis of randomized controlled trials
Chi-Tsung Chen (Taipei, Taiwan), Ping-Hsuan Chan, Hsiao-Min Chou

Long-Term High-Altitude Exposure: Effects on Lung Function and COPD Outcomes in China
Qing Liu (Beijing, China), Hongtao Niu, ruirui Duan, Ting Yang

Challenges in the Hospital Pathway for NIV Management of COPD in Germany
Annkathrin Zur Heiden (Bietigheim-Bissingen, Germany), Nicolas Siadous, Scott Gibson, Sarah Alami

Title: Paediatric oxygen audit led to reduction in oxygen prescription and improved patient outcomes
Vicki Maarman (MILTON keynes, United Kingdom), Ruth Thomas

Long-Term Comparative Analysis of COVID-PITS and Non-COVID-PITS
Efsun Gonca Uğur Chousein (Istanbul, Turkey), Demet Turan, Mustafa Cortuk, Umut Ilhan, Kürşat Nuri Baydili, Muzaffer Metin, Mehmet Akif Ozgül, Erdoğan Cetinkaya

Real-life evaluation of the concordance and provision of ambulatory oxygen using a mixed method approach with audit and questionnaire
Vicki Maarman (MILTON keynes, United Kingdom), Ruth Thomas

A rare cause of hypercapnic respiratory failure in adults - A case report of late onset Pompe's disease
Sonia K. Dalal (Baroda (Gujarat), India), Abhinav R. Bhosle

A lung function threshold for survival? - FEV1Q and mortality in patients with chronic respiratory failure
Filip Björklund (Södra Sandby, Sweden), Andreas Palm, Josefin Sundh, Magnus Ekstrom

PS-3 Session 08:00 - 09:30

Poster session: Emerging digital interventions in respiratory care: the evidence and transformative impacts

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology | Sleep and breathing disorders | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Pulmonary function testing | Public health | Physiology

Chairs : David Drummond (Paris, France), Joren Buekers (Barcelona, Spain)

Impact of patient engagement tool on PAP therapy outcomes
Jean-Louis Pépin (Grenoble, France), Holger Woehrle, Suyog More, Caleb Woodford, ANKIT GHILDIYAL, Melike Deger

Digital Health in ILD: Assessing Adherence to the Self-Assessment Algorithm in the European ILD Registry (eurILDreg ASA-ILD)
Ekaterina Krauss (Giessen, Germany), Laurenz H. Claas, Maria Molina Molina, Silke Tello, Jennifer Tschernucha, Katrin Becker, Sandra Wobisch, Stefan Kuhn, Raphael W. Majeed, Poornima Mahavadi, Oisin Byrne, Rebecca Borton, Philippe Bonniaud, Juergen Behr, Nik Hirani, Bruno Crestani, Carlo Vancheri, Andreas Guenther

Comparison of therapy outcomes in patients with PAP therapy using a patient engagement tool via PAP device vs a therapy companion app
Holger Woehrle (Ulm, Germany), Jean-Louis Pepin, Suyog More, Caleb Woodford, ANKIT GHILDIYAL, Melike Deger

„conneCT CF - Coaching and Telemedicine in Cystic Fibrosis Patients“
Stephanie Thee (Berlin, Germany), Mirjam Stahl, Sivagurunathan Sutharsan, Rainald Fischer, Manfred Ballmann, Svenja Straßburg, Janette Tattersall-Wong, Felicitas Lauer, Julia Weitzel, Ann-Kathrin Ketter, Daniel Lorenz, Juliane Schiller, Tim Schikowski, Franziska Pueschner, Volker E. Amelung, Lena Schlick, Carola Fuchs, Marcus A. Mall

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Outcome of tailored education & retraining: feasibility study of performance & adherence in children with asthma: a RCT (OUTERSPACERS)
Will Carroll (Staffordshire, United Kingdom), James Chapman, Jason Suggett, Marie Ward, Jack Watson, Francis Gilchrist

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Optimizing inhalation adherence and technique with patient-centric digital technology
Carola Fuchs (Starnberg, Germany), Sukeerthi Sanjay Kumar, Lena Schlick, Lea Botermann, Benjamin Heine, Andreas Liebl, Simon Buchner, Michael Hahn

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Home spirometry with real-time quality control after lung transplantation or lung volume reduction: a 3-month pilot study
Benedetta Cavazzutti (BERGAMO, Italy), Astrid Blondeel, Hannelore Geysen, Iwein Gyselinck, Michaël Staes, Geert Celis, Jonas Claus, Rebecca Borton, Stephanie Everaerts, Laurens Ceulemans, Robin Vos, Fabiano Di Marco, Wim Janssens

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Objective assessment of adherence in continuous cough monitoring: wear detection on the Hyfe CoughMonitor smartwatch
Mindaugas Galvosas (Wilmington, United States), Maksym Kosharnyi, Jaume Cabecerans, Joe Brew, Peter Small

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Towards clinical improvement by using a smart inhaler in children with uncontrolled asthma, the IMAGINE study.
Esther Sportel (Enschede, Netherlands), Boony Thio, Kris Movig, Job Van Der Palen, Marjolein Brusse

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Predicting low oxygen in COVID-19 patients isolating at home
Robert Wu (Toronto, Canada), Alex Mariakakis, Eyal De Lara, Joseph Munn, Maryann Calligan, Daniyal Liaqat, Salaar Liaqat, Junlin Chen, Teresa To, Philip W. Lam, Andrew Simor, Adrienne K. Chan, Nisha Andany, Sameer Masood, Nick Daneman, Tiffany Chan, Christopher Graham, Vikram Comondore, Andre De Moulliac, Alice Tu, Andrea S. Gershon

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Unveiling the true value of digital health: a structured approach to valorising gains in digital asthma care
Alexander Reinartz (Gent, Belgium), Veerle De Colvenaer

Development and evaluation of a mobile application for comprehensive and personalized asthma self-management support
Natsumi Nomura (Urayasu,Chiba, Japan), Jun Ueki, Osamu Nagashima, Fumihiko Makino, Ryo Atsuta, Emika Sano, Megumi Ikeda, Miki Matsuki, Shinichi Sasaki

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Mobile app-based home spirometry in Lymphangioleiomyomatosis.
Rebecca Borton (Dublin, Ireland), Lawrence Ho, Claire Child, Mary Beth Brown

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COPDCompEx Live Monitoring in a COPD Event Driven Study, CRESCENDO
Mohd Nubli Mustapa (Cambridge, United Kingdom), Colby Flint, Enti Spata, Adrian Merrick, Prasanth Rajendran, Russell Goom, Aleksandra Petkova, Long Luu, Jason Cooper, Rod Hughes

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RE-SAMPLE Project: Integrating AI and Real-Time Monitoring of Acute Exacerbations for Personalized COPD Management
Pier-Valerio Mari (Roma (RM), Italy), Angela Nervoso, Giampaolo Chiapparelli, Maria Vittoria De Girolamo, Nicoletta Di Giorgi, Alice Luraschi, Lorenzo Carriera, Angelo Coppola, Francesco Macagno

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Artificial intelligence (AI) software for spirometry quality control: external validation in primary care
Anthony Paulo Sunjaya (Sydney, Australia), George Edwards, Jennifer Harvey, Karl Sylvester, Joanna Purvis, Matthew Rutter, Joanna Shakespeare, Vicky Moore, Ethaar El-Emir, Gillian Doe, Karolien Van Orshoven, Suhani Patel, Maarten De Vos, Benoit Cuyvers, Paul Desbordes, Rachael Evans, Michael Morgan, Richard Russell, Ian Jarrold, Nannette Spain, Nicholas Hopkinson, Stephanie Taylor, Samantha Kon, David Scott, Toby Prevost, Marko Topalovic, William Man

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Accuracy of an AI-developed questionnaire for early lung cancer screening.
Mykyta Pershyn (Vinnytsia, Ukraine), Anna Tvarkovska, Alina Dovgan

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PHVoiceTrack – A Novel App for Voice Analysis in Pulmonary Hypertension
Emilia Maria ŚWIETLIK (CAMBRIDGE, United Kingdom), Magdalena Igras-Cybulska, Artur Cybulski, Magdalena Majdak, Anna Doboszynska

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A mobile phone application for monitoring the symptoms of people with asthma - INSPIRAR
Celso Ricardo Fernandes de Carvalho (São Paulo (SP), Brazil), Gabriela M Araujo, Leandro M. R. Velloso, Regina M. Carvalho-Pinto, Lucia V. L. Filgueiras

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Obstructive Sleep Apnoea Identifier Pathway – A landscape suitable for digitalization?
Laura Piggott (Dublin, Ireland), Roisin Murray, Emma Mcnally, Orla Gavin, Alanna Brennan, Peter Coss, Brian Kent

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PS-18 Session 08:00 - 09:30

Poster session: Epidemiology of asthma, including severe asthma

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health General respiratory patient care

Chairs : Freda Yang (London, United Kingdom), Chair to be confirmed

Impact of biologic therapy on the cumulative and running societal financial burden of severe asthma – a 19-year cost analysis
Kjell E J Håkansson (Copenhagen K, Denmark), Rikke Ibsen, Niels Steen Krogh, Marianne Baastrup Soendergaard, Susanne Hansen, Anne-Sofie Bjerrum, Anna Von Bülow, Ole Hilberg, Anders Løkke, Barbara Bonnesen, Claus Rikard Johnsen, Sofie Johansson, Lycely Dongo, Maria Bisgaard Borup, Roxana Vijdea, Linda Makowska Rasmussen, Johannes Martin Schmid, Charlotte Suppli Ulrik, Celeste Porsbjerg

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Mortality in Severe Asthma
Susanne Hansen (Copenhagen, Denmark), Anna Von Bülow, Alexandra Cooper, Olivia Ernstsson, Patrik Sandin, Hannu Kankaanranta, Lauri Lehtimäki, Christer Janson, Bernt Bøgvald Aarli, Sylvia Packham, Davorka Sekulic, Josephine Wallén, Kirk Geale, Asger Sverrild, Helena Backman, Jussi Karjalainen, Vibeke Backer, Alan Altraja, Paula Kauppi, Valentyna Yasinska, Celeste Porsbjerg, Charlotte Ulrik, Apostolos Bossios

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Risk factors and control in severe asthma patients
Ilaria Stanisci (Pisa, Italy), Sandra Baldacci, Sara Maio, Giuseppe Sarno, Anna Antonietta Angino, Patrizia Silvi, Sofia Tagliaferro, Mariachiara Braschi, Maria Beatrice Bilò, Giovanni Viegi, Elisa Iacopini, Sabrina Santerini, Barbara Vagaggini, Francesco Pistelli, Laura Carrozzi

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Prevalence of alpha-1antitrypsin deficient alleles in patients with severe asthma
giorgio lorini (Pavia, Italy), Stefania Ottaviani, Vanessa Ronzoni, Giulia Accordino, Amelia Grosso, Ilaria Ferrarotti, Dina Visca, Antonio Spanevello, Martina Zappa, Angelo Guido Corsico, Ilaria Giana, Davide Piloni

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Characteristics of Severe Asthmatics commencing Tezepelumab from the South West Asthma Network (SWAN) (UK)
Drew Davies (exeter, United Kingdom), Dinesh Shrikrishna, Gemma Hayes, Rahul Shrimanker, Mathew Masoli

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Can sufficient-component cause models improve personalised medicine in severe asthma?
Felix Forster (Munich, Germany)

Characteristics of severe asthma patients with biologic treatment in the Swedish National Airway Register
Fredrik Sundbom (Uppsala, Sweden), Caroline Stridsman, Andreas Palm, Össur Emilsson, Christer Janson

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Adult-onset asthma phenotypes by different ages of onset: a cluster analysis in two Swedish cohorts
Daniil Lisik (Gothenburg, Sweden), Helena Backman, Rani Basna, Linnea Hedman, Muwada Bashir Awad Bashir, Selin Ercan, Reshed Abohalaka, Selin Özuygur Ermis, Linda Ekerljung, Caroline Stridsman, Sofia Winsa-Lindmark, Roxana Mincheva, Teet Pullerits, Jan Lötvall, Anne Lindberg, Madeleine Rådinger, Eva Rönmark, Hannu Kankaanranta, Bright I Nwaru

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Is the dihydrotestosterone-estradiol ratio related to asthma in males?
Saliha Selin Özuygur Ermis (Gothenburg, Sweden), Claes Ohlsson, Carina Malmhäll, Anna Karin Norlén, Selin Ercan, Reshed Abohalaka, Daniil Lisik, Göran Wennergren, Jan Lötvall, Madeleine Rådinger, Linda Ekerljung, Hannu Kankaanranta, Bright I. Nwaru

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Asthma is associated with higher social isolation among middle-aged Indian adults: A structural equation analysis of LASI data
Arundhati Bhatkande (Ahmedabad, India), Subhabrata Moitra

Blood neutrophil, lymphocyte and monocyte counts in asthma based on type-2 inflammation
Selin Ercan (Gothenburg, Sweden), Reshed Abohalaka, Pinja Ilmarinen, Lauri Lehtimäki, Saliha Selin Ozuygur Ermis, Daniil Lisik, Muwada Bashir Awad Bashir, Radhika Jadhav, Helena Backman, Göran Wennergren, Linda Ekerljung, Jan Lötvall, Teet Pullerits, Madeleine Rådinger, Bright Nwaru, Hannu Kankaanranta

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Use and over-use of SABA inhalers among Australian adults from a nationally representative survey
Helen Reddel (Sydney, Australia), Maria Ampon, Leanne Poulos, Brett Toelle, Guy Marks

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Perinatal factors are associated with the severity of airflow obstruction in patients with asthma
Maria Ödling (Stockholm, Sweden), Jon R Konradsen, Caroline Stridsman, Niklas Andersson, Helena Backman

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Inequalities in asthma outcomes in England: a national cohort study
Zakariah Gassasse (London, United Kingdom), Ian Sinha, Gwyneth A Davies, Aziz Sheikh, Hannah Whittaker, Constantinos Kallis, Jennifer Quint

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To explore factors associated with non-engagement in asthma care
Constantinos Kallis (London, United Kingdom), Huayi Huang, Irtiza Quareshi, David Lo, Gwyneth Davies, Deborah Fitzsimmons, Tracy Jackson, Emma Kinley, Medina Maluk, Manish Pareek, Jessica Sheringham, Martin Williams, Erol Gaillard, Hilary Pinnock, Jennifer Quint

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Unveiling the association between asthma control and frailty in older asthmatics: A cross-sectional study
Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Fernando Holguin, Márcia M M Pizzichini, Vanessa Arata, Pedro Fagundes Tavares, Fernando G Figueiredo, Bruna G F Pires, José De Bessa Jr, Álvaro A Cruz

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Pleiotropic effects of asthma genetic risk scores partitioned using cell-specific epigenomic profiles
Matthew Saward (Holmfirth, United Kingdom), Lianne Trap, Ralph Stadhouders, Liam Heaney, Ian Sayers, Katherine Fawcett

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Prescribing trends and Environmental Impact of Inhaled Medicines in Australia
Sharon Lam (East Perth, Australia), Olivia Walsh, Vidya Navaratnam, Danielle Wurzel, Brett Montgomery, John Blakey

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A comparison of asthma diagnosis defined by self-reporting, clinical coding and objective biomarkers
Rachel Scott (Bristol, United Kingdom), Jack Grenville, Caitlin Morgan, George Nava, James Dodd

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Epigenome-wide association study (EWAS) of childhood asthma and/or hay fever in a farming environment
Sonali Pechlivanis (Munich, Germany), Emma Thompson, Carole Ober, Erika Von Mutius

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PS-35 Session 08:00 - 09:30

Poster session: Clinical registries and real-world data in interstitial lung disease

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Public health General respiratory patient care Pulmonary function testing Surgery Imaging Endoscopy and interventional pulmonology Cell and molecular biology

Chairs : Philippe Camus (Dijon, France), Jaume Bordas Martinez (Barcelona, Spain)

DARWIN EU® - Incidence, survival and characterisation of individuals with interstitial lung disease in Europe
Nicholas Hunt (Rotterdam, Netherlands), Adam Black, James Brash, Antonella Delmestri, Patricia García-Poza, Romain Griffer, Gargi Jadhav, Ana Llorente-Garcia, Miguel-Angel Macia-Martinez, Hezekiah Omulo, Guillaume Verdy, Dina Vojinovic, Katia Verhamme

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Sex differences in a UK Idiopathic Pulmonary Fibrosis (IPF) population: analysis of the British Thoracic Society (BTS) Interstitial Lung Disease (ILD) Registry
Sarah Mulholland (Bristol, United Kingdom), Giles Dixon, Matthew Wells, Paul White, Sam Harding, Anne-Marie Russell, Shaney Barratt

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Baseline characteristics of patients with idiopathic pulmonary fibrosis in China based on a prospective multi-center registry
Huaping Dai (Beijing, China), xinran zhang

Idiopathic pulmonary fibrosis in Morocco : single center experience
Karima Marc (Rabat, Morocco), Fenna Ahsino, Jamaleddine Bourkadi, Rachid Razine

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Depression & anxiety screening in interstitial lung disease, a global perspective and review of current literature
Aahd Kubbara (ROCHESTER, United States), Leah Bolden, Katherine Janssen, Hyun Kim

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Role of lung cancer screening in detection of Interstitial Lung Diseases
Martina Bonifazi (Ancona (AN), Italy), Francesca Gonnelli, Marina Carotti, Federico Mei

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Work productivity and activity impairment in people with pulmonary fibrosis: insights from the I-FILE registry
Catharina C. Moor (Rotterdam, Netherlands), Gizal Nakshbandi, Remy Mostard, Wim Wuyts, Vincent Cottin, Michael Kreuter, Marcus Polke, Katarina Buschulte, Peter Saunders, Katerina Antoniou, Antoine Froidure, Hans Slabbynck, Anna-Maria Hoffman-Vold, Michael Durheim, Anneke Van Veen, Hilde Bjørkekjær, Madelon Vonk, Zoe Daniil, Laura Spencer, Philippe Bonniaud, Gregoire Prévot, Phil Molyneaux, Marlies Wijsenbeek

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Multidisciplinary Discussion in Interstitial Lung Disease: A 5-Year Data Summary from a Large Single-Center in China
Shiyao Wang (Beijing, China), Yanhong Ren, Bingbing Xie, Min Liu, Ling Zhao, Sizhao Li, Huaping Dai

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Interstitial lung abnormalities: an Italian multicenter retrospective observational study.
Silvia Carlini (Rimini, Italy), Claudia Ravaglia, Sara Piciucchi, Diletta Cozzi, Edoardo Cavigli, Alessandra Dubini, Valeria Pasini, Camilla Comin, Venerino Poletti, Sara Tomassetti

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Interstitial lung abnormalities management, a real-life survey of England Targeted Lung Health Check
Laura Fabbri (London, United Kingdom), Richard . Hewitt, Brintha Selvarajah, Emily Fraser, Wendy Adams, Haval Balata, Amyn Bhamani, Joe Jacob, Sam Janes, Richard Lee, Arjun Nair, Emma O'Dowd, Conal Hayton

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Real-world evidence from the INSIGHTS-ILD registry: Impact of INBUILD criteria on disease progression and therapy modifications
Juergen Behr (München, Germany), Michael Kreuter, Andreas Günther, Francesco Bonella, David Pittrow, Christine Pausch, Dirk Skowasch, Heinrike Wilkens, Hubert Wirtz, Martin Claussen, Christian Grohé, Lars Hagmeyer, Stephan Budweiser, Ioana Andreica, Ulrich Neff, Heike Biller, Sven Glaeser, Martin Schwaiblmair, Peter Schramm, F. Joachim Meyer, Karine Thabaret, Tobias Veit, Marion Frankenberger, Lea Drobbe, Wolfgang Gesierich, Bernd Seese, Achim Grünewaldt, Philipp Markart, Michael Westhoff, Joachim Kirschner, Julia Wälscher, Stephan Eisenmann, Stephan Walterspacher, Claus Neurohr, Claus-Peter Kreutz, Daniel Grund, Sabine Haberl, Ralf Ewert, Beate Stubbe, Markus Polke, Frank Reichenberger, Werner Von Wulffen, Ekaterina Krauss, Michael Weber, Benjamin Seeliger, Antje Prasse, Elaine Koch, Dirk Koschel

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Investigation of Postoperative Pulmonary Complications in Patients Undergoing Lung Biopsy with a Preliminary Diagnosis of Interstitial Lung Disease
Fatih Uzer (Antalya, Turkey), Emin Unal, Aliye Gamze Calis, Hakan Keskin

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Prompt detection of respiratory function decline by remote monitoring in patients with IPF who refuse antifibrotic therapy
Stefano Levra (Moncalieri, Italy), Francesca Lonardi, Sara Roetti, Fabiana Giannoccaro, Francesca Bertolini, Vitina Carriero, Elisa Arrigo, Giuseppe Guida, Flavio Crosa, Fabio Luigi Massimo Ricciardolo

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Clinical characteristics, BALF composition and Follow-up Data of Patients with Unclassifiable ILD; Results from a single-center study.
Eirini Vasarmidi (Heraklion (Crete), Greece), Eliza Tsitoura, Marilena Lourou, Ioanna Argyriou, Eleni Bibaki, Konstantinos Karagiannis, Aristea Zouraraki, Nikolaos Tzanakis, Sofia Schiza, Katerina M. Antoniou

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Organic and Inorganic exposures in Interstitial Lung Disease
Laura Shannon (Ballyclare, United Kingdom), Leeanne Jackson, Pat Gorman, Louise Macpherson, Eoin Murtagh, Paul Minnis

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Impact of air pollutant exposure on acute exacerbation of idiopathic pulmonary fibrosis: A nationwide population-based study
Ju hyun Oh (Seoul, Republic of Korea), Jun-Pyo Myong, Yun-Hee Lee, Jin Woo Song

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INFLUENCE OF AIR POLLUTION LEVELS ON THE DECLINE OF LUNG FUNCTION IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS
Pablo Mariscal Aguilar (Madrid, Spain), Luis Gómez-Carrera, Carlos Carpio, Mariana Díaz- Almirón, Ester Zamarrón, Francisco Gayá Moreno, Concepción Prados, Cristina Mariscal, Elena Villamañán, Isabel Esteban- Rodríguez, Lucía Esteban, Rodolfo Alvarez-Sala Walther

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Impact of application of the race-neutral equation on predicting prognosis in Korean patients with idiopathic pulmonary fibrosis
Hyeonsu Lee (Seoul, Republic of Korea), Jimyung Park, Chang-Hoon Lee

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Acute exacerbation of interstitial lung diseases: A prospective multicenter observational study
Toru Arai (Osaka, Japan), Junji Otsuka, Shinobu Akagawa, Yoriyuki Murata, Hidetoshi Yanai, Ryoji Ito, Takuo Shibayama, Toshihiko Ii, Toshiyuki Kita, Yoshifusa Koreeda, Takayasu Watanabe, Isoko Owan, Atsuko Hara, Kentaro Wakamatsu, Akihiro Yoshii, Shiro Ohshima, Shin Sasaki, Susumu Oguri, Naoki Arai, Eiji Yatsuyanagi, Hiroshi Moriyama, Yasushi Tanimoto, Tadakatsu Tsuji, Chikatoshi Sugimoto, Yoshikazu Inoue, Masaki Hirose, Takayuki Takimoto, Naoko Takeuchi, Hiromitsu Sumikawa

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IPF patients with preserved spirometry: rapid decisions and lasting choices
Carmine Ruggiero (Oxford, United Kingdom), Karen Parsons, Emily Fraser, Ling-Pei Ho, Peter Saunders, Yvonne West, Rachel K. Hoyles

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PS-15 Session 08:00 - 09:30

Poster session: COPD: from exacerbation to clinical management

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Public health Imaging Pulmonary function testing Respiratory intensive care

Chairs : Enrico M. Clini (Modena (MO), Italy), Aaron Braddy-Green (London, United Kingdom)

A comparison of three strategies for weaning of Non-Invasive Ventilation (NIV) in patients of Acute Exacerbation of Chronic Obstructive Pulmonary Disease (AE COPD) with type 2 Respiratory failure : A Randomized Control Trial
Sanjeev Bala (Varanasi, India), Deepak Shah, Venkat Raj

Validating the ROME COPD exacerbation classification in a hospitalised cohort
Caitlin Morgan (Bristol, United Kingdom), Catherine Hyams, Leon Danon, Robert Challen, Elizabeth Begier, Joanne Southern, Serena Mcguinness, Jade King, Maria Lahuerta, Bradford Gessner, Adam Finn, James W Dodd

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Association between systemic immune-inflammatory index and mortality risk in critically ill COPD patients: Results from the MIMIC-IV database
Mohan Giri (Chongqing, China), Anju Puri, Lan Huang, Shuliang Guo

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Long-term incidence of cardiometabolic comorbidities in smokers with and without COPD: a cohort study
Beatriz Herrero Cortina (Zaragoza, Spain), Aura Maldonado-Guaje, Jorge Rodriguez-Sanz, Ana Boldova-Loscertales, Pablo Cubero-Marin, Juan Antonio Sáez-Pérez, Yasmina Hamam-Alcober, Marta Marin-Oto, David Sanz-Rubio, Jose María Marín

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Impact of insomnia in patients with COPD
Sofía Gutiérrez Hernández (Cádiz, Spain), Ángel Carmona González, Aureliano Aís Daza, Isabel Castillo Rivillas, Aurelio Arnedillo Muñoz

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Mortality Patterns and Causes in COPD Patients on Long-Term Non-Invasive Ventilation: A Phenotypic Approach
Maria João Gomes Moura (Santa Maria Da Feira, Portugal), Mafalda Pais, Maria Oliveira, Carla Ribeiro, Alexandra Carreiro, Paula Pamplona, Bárbara Seabra

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Disease burden and unmet needs in Chinese patients with symptomatic exacerbating COPD and on inhaled triple therapy: a real-world study
Yongchang Sun (Beijing, China), Tia Pennant, Fraser Barrable

Monitoring of frequent exacerbators with COPD through the application of a virtual assistant with artificial intelligence
Cristina Aljama Vizcarra (Reus, Spain), Ane Lopez-Gonzalez, María Sáez, Galo Granados, Júlia Sampol, Juan José Chiriboga, Núria Rodés, Yesly Carlos, Mercedes Pallero, Sergi Martí, Marc Miravitlles, Miriam Barrecheguren

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Timely spirometry is associated with all-cause mortality and tailored care in initiators of chronic respiratory treatment
Valerie Dehondt (Gent, Belgium), Delpine Vauterin, Eric Derom, Lies Lahousse

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Diaphragm Excursion Evaluated on Ultrasound Can Predict Risk of Exacerbations in Chronic Obstructive Pulmonary Disease Patients
Yash Kedia (Mumbai, India), Neeraj Kumar Gupta, Rohit Kumar, Nitesh Gupta, Pranav Ish, Rajnish Kaushik, Tanmaya Talukdar, Naren Chandra

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Severity classification of COPD exacerbations (AECOPD) in hospitalized patients: BAT vs. Rome
Amber Beersaerts (Kampenhout, Belgium), Hnin Aung, Kristina Vermeersch, Kenneth Verstraete, Mona Bafadhel, Neil Greening, Wim Janssens

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Healthcare resource utilisation and healthcare costs in COPD patients with moderate-to-severe exacerbations
Ernesto Mayen (Cambridge, United States), Michael Head, Nella Bieszk, Raven Perez, Chia-Cheng Teng, Taylor Tassoul, Vincent Willey

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Alpha-1 research registry: environmental exposures, obstructive lung disease, and quality of life among AATD patients in the united states
Nadine Nuchovich (Coral Gables, United States), Alison Keaveny, Monica Goldklang, Sabrina Palumbo, Jennifer Illarramendi, Laura Fonseca, Randel Plant, Jeanine D'Armiento

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Streptococcal bacteriophage and Prevenar-13 vaccine are comparably effective in Pneumococcal pneumonia in patients with COPD
Rano Nalibaeva (Tashkent, Uzbekistan), Irina Liverko

Consensus definition of severe COPD: a modified Delphi study
Mireille C. Melles (Rotterdam, Netherlands), Marlies Van Dijk, Marieke L. Duiverman, Frits M.E. Franssen, Merel E. Hellemons, Daisy J.A. Janssen, Pascale M.G.A. Lubbers-Van Tuyn, Dirk-Jan Slebos, Johannes C.C.M. In 'T Veen, Pieter-Paul W. Hekking

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Decline in Lung Function in Early COPD: A Comparative Study Between Mild and Moderate-to-Severe COPD
Jin Hwa Song (Hwaseong-si, Republic of Korea), Yong-Bum Park, Youlim Kim

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Assessment of adherence to inhaled therapy in Bulgarian COPD patients
Ventsislava Pencheva Genova (Sofia, Bulgaria), Kiril Genov, Todor Todorov, Stanimir Kacheshmarov

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AI-enhanced thoracic CT-scan features associated with Pseudomonas aeruginosa airway infection in COPD
Clotilde Subts (Paris, France), Guillaume Chassagnon, Pierre-Régis Burgel, Johanna Fesenbeckh, Clémence Martin, Hélène Poupet, Nicolas Roche, Lucile Regard

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Inhaler Device Use And Treatment Compliance On Opposite Sides Of The Aegean Sea
Muzaffer Onur Turan (Izmir, Turkey), Andriana Papaioannou, Nalan Ogan, Stavrina Zaneli, Esra Ertan Yazar, Zoi Sotiropoulou, Burcu Arpınar Yiğitbaş, Stamatoula Tsikrika, Mukadder Çalıkoğlu

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Effect of Inhaler Education on Critical Error Reduction in COPD: DECIDE (Discover the Effect of COPD Inhaler Device Education) study
Hyoung Kyu Yoon (Seoul, Republic of Korea), Seohyun Kim, Jiyong Moon, Soojung Um, Heyoun Park, Jonggirl Jang, Deagkyum Kim, Changryul Lee, Seungwon Ra, Sungyong Lim, Yong-Il Hwang, Yongbum Park, Kwangha You, Chinkook Rhee, Tai Joon An

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PS-23 Session 08:00 - 09:30

Poster session: Sleep, sleep-disordered breathing and chronic respiratory insufficiency in children II

Disease(s) : Sleep and breathing disorders Interstitial lung diseases

Method(s) : Physiology Epidemiology General respiratory patient care Pulmonary function testing Surgery

Chairs : Maria Slaats (Rotterdam, Netherlands), Chair to be confirmed

Assessment of sleep-disordered breathing and sleep quality in childhood interstitial lung disease: a single-center experience
Sinem Can Oksay (İstanbul, Turkey), Özge Ulgen, Eda Gurler, Yasemin Mocan Çağlar, Saniye Girit

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Respiratory function tests in children with asthma and sleep disordered breathing
Melania Evangelisti (Roma (RM), Italy), Sabrina Fioroni, Mario Barreto, Margherita Currà, Marco Graziani, Marco Del Pozzo, Martina Forlani, Manuela Cecili, Cecilia Brughitta, Benedetta Bovolenta, Pasquale Parisi, Maria Pia Villa

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Should we screen children with obesity for nocturnal hypoventilation?
Dorottya Antics (Budapest, Hungary), Judit N. Kelemen, Eszter Muzslay, Zsófia Lendvai, Luca Valkó, Szabolcs Baglyas, Benjámin J. Hérák, Boglárka Kucsera, Koppány Lörincz, Andrea Luczay, Attila J. Szabó, Dorottya Czövek

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Sleep-disordered breathing in Prader-Willi syndrome: The role of sleep studies and effect of growth hormone therapy
Geezette Gulpo (Kent, United Kingdom), Karen Lorraine Acosta, Ching-San Ang, Kirsi Mamivaara, Evelien Gevers, Suren Thavagnanam

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Sleep-disordered breathing in patients with prader-willi syndrome
Eda Esra Baysal (İstanbul, Turkey), Merve Selçuk Balcı, Şeyda Karabulut, Ceren Ayça Yıldız, Müge Merve Akkitap Yiğit, Fulya Özdemircioğlu, Neval Metin Çakar, Meltem Sabancı, Almala Pınar Ergenekon, Yasemin Gökdemir, Ela Erdem Eralp, Fazilet Karakoç, Bülent Karadağ

OSA phenotypes in Down syndrome patient.
Haneen Toma (Doha, Qatar), Amal Alnaimi

Evaluation of sleep-related breathing disorders and polysomnography findings in pediatric patients with achondroplasia
Raziye Atan (Ankara, Turkey), Nagehan Emiralioğlu, Meltem Akgül Erdal, Dilara Demirel, Betül Çakır, Ebru Yalçın, Deniz Doğru, Gizem Ürel Demir, Pelin Özlem Şimşek-Kiper, Gülen Eda Utine, Uğur Özçelik

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Phenotypic variability in preoperative respiratory function in children with genetic conditions and scoliosis
Mihaela Oros (Bucuresti, Romania), Lucica Baranga, Alexandru Thiery, Raluca Ghita, Ruxandra Oana Alius

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Perioperative changes in pulmonary function in children with spinal muscular atrophy receiving disease-modifying treatments
Sophie Denamur (Paris, France), Mathilde Gaume, Susana Quijano Roy, Clélia Thouement, Guillaume Aubertin, Harriet Corvol, Raphael Vialle, Jessica Taytard

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Which variables best predict sleep apnoea in children assessed with multi-channel studies?
Michael Yanney (Southwell, United Kingdom), Albert Essiam, Nicola Rowbotham, Andrew Prayle

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Clinical evaluation of an AI-based prototype for contactless respiratory monitoring in children
Ludwig Seebauer (Regensburg, Germany), Niklas Koehler, Marcel Geis, Claudius Noeh, Jochen Frey, Volker Gross, Keywan Sohrabi, Sebastian Kerzel

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Validation of PneumoWave DCM Respiratory Monitor in an In-vitro Paediatric Sleep Apnoea Model
Burcu KOLUKISA BIRGEC (Glasgow, United Kingdom), Ross Langley, Jennifer Miller, Osian Meredith, Alexander Mullen

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Mandibular jaw movement monitoring for detecting sleep-disordered breathing and assessing sleep quality in obese children
Theofilos Polychronakis (Cambridge (Cambridgeshire), United Kingdom), Sairah Akbar, Sarah Nethercott, Steven Campbell, Matthew Rose

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Outcomes of Pediatric Off-Label Auto-Titrating Positive Airway Pressure Treatment: A Retrospective Cohort Study
Venla Harju (Tampere, Finland), Mervi Järvelä, Eero Lauhkonen, Vesa Eskola, Paula Mandelin, Maija Katila, Riikka Mäkinen, Outi Saarenpää-Heikkilä

Impact of Adenotonsillectomy and Pre-surgical CPAP Treatment on Pediatric OSA
Vera Marcela Lugo Arrúa (Barcelona, Spain), Génesis Parada, Marta Gutiérrez, Marta Aguilera, Marta Blanco, Beatriz Suárez, Inmaculada Gaya, Inés Podzamczer, Sandra Giménez, María Casasayas, Katarzyna Kolanczak, Juan Ramon Gras, Gemma Garcia Cerro, Laura Armendariz, Fátima Castillo, Ana M Fortuna-Gutiérrez

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PS-33 Session 08:00 - 09:30

Poster session: Biomarkers and prognostication in malignant pleural effusions

Disease(s) : Thoracic oncology

Method(s) : Cell and molecular biology General respiratory patient care Endoscopy and interventional pulmonology Public health Physiology

Chairs : Sotirios Zarogiannis (Larisa, Greece)

SIRPG: A Novel Biomarker for Discriminating Tuberculous vs. Malignant Pleural Effusion
Wenbei Peng (Wuhan, China), Jiaqi Ai, Qianqian Xue, Bohan Yang, Qiong Zhou

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H3K18 lactylation in cancer-associated fibroblasts drives malignant pleural effusion progression via recruiting TNFR2+Tregs
Qiong Zhou (Wuhan, China), Linlin Ye, Xuan Xiang, Wenbei Peng

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Single-Cell Transcriptomics Identifies T Cell Exhaustion and STAT1 Loss as Hallmarks of Malignant Pleural Effusion Progression
Wenbei Peng (Wuhan, China), Qianqian Xue, Linlin Ye, Qiong Zhou

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Immune-molecular retyping (IMR) in NSCLC progression with medical thoracoscopy (MT): a valid option?
Petra Meneghin (Revine Lago, Italy), Matteo Daverio, Davide Scattolin, Giulia Pasello, Fiorella Calabrese, Giulia Bartolucci, Marco Damin, Davide Biondini, Mariaenrica Tinè

Pleural liquid biopsy: A non-invasive adjunct to tissue biopsy for molecular profiling
Padraig Ridge (Baile na-Habainn (Co. Galway), Ireland), Margaret Gleeson, Christina Campbell, Sile Toland, Ross Morgan, Emmet O'Brien, Imran Sulaiman, Daniel Ryan

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Investigating the impact of CMV on outcomes in pleural mesothelioma
Geri Lynch (Bristol (Avon), United Kingdom), Eleanor Barton, Jenny Symonds, Elisabeth North, Richard Hopes, Amelia Clive, Rahul Bhatnagar, Steven Walker, David T Arnold, Anna Morley, Emeka Azubuike-Dyer, Timothy Wallington, Anna Bibby, Nick Maskell

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Validation and diagnostic value of emerging ratios and indicators in classification of pleural effusion compared to Light's criteria
Léo Franchetti (Basel, Switzerland), Jürgen Hetzel, Antje Prasse, Kathleen Jahn

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Baseline dyspnoea predicts benefit in malignant pleural effusion (MPE) patients undergoing therapeutic procedures: a meta-analysis of individual patient data
Syed Hamza Abbas (Norwich, United Kingdom), Sanjeevan Muruganandan, Rahul Bhatnagar, Nick Maskell, Gary Lee, Najib Rahman, Eleanor Mishra

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The association of defective pleural sRAGE production with the recurrence of malignant pleural effusion after medical pleurodesis
Chakchawis Kanokkantapong (90110, Thailand), Chalit Boonpromkul, Jirawat Assawabhumi, Kittipong Maneechotesuwan

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Transforming growth factor-β1 as a predictor of lung expandability and pleurodesis success in malignant pleural effusion
Jarudul Phocharoen (Bangkok, Thailand), Pimpayao Sodsai, Virissorn Wongsrichanalai, Nophol Leelayuwatanakul

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Role of transthoracic US scores in evaluating efficacy of pleurodesis in malignant pleural effusion patients
Dalia Ezat Elsharawy (Elgharbya, Egypt), Gehad Shita, Ragia Sharshar, Mohamed Hantera

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Beyond NSCLC and IMT: therapeutically targetable ALK rearranged malignant mesenchymal tumors in the thoracic region
Sameer Puri (New Delhi, India), Shreya Sadhu, Aruna Nambirajan, Prabhat Singh Malik, Adarsh Barwad, Asit Ranjan Mridha, Deepali Jain

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Immunotherapy in Malignant Pleura Mesothelioma: Real-world Data from a Tertian hospital in chest diseases.
ILIAS BITSAS (ATHENS, Greece), M. Bitsaki, I. Gkiozos, M. Mani, M. Kouvela, O. Fiste, E. Zervas, K. Samitas, A. Liapikou, C. Zisis, G. Stratakos, A. Charpidou

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Prognostic assessment of malignant pleural effusion in the era of new targeted systemic oncologic treatments
Raphael Freitas Jaber De Oliveira (Campos Dos Goytacazes (RJ), Brazil), Thiago Thomaz Mafort, Agnaldo José Lopes

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Gene expression of IL33-ST2 interactome in patients with pleural mesothelioma reveals a role for AMPH gene
Ourania Kotsiou (Larissa, Greece), Eleftherios Papazoglou, Raj Jagirdar, Charalampos Varsamas, Konstantinos Gourgoulianis, Sotirios Zarogiannis

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PS-37 Session 08:00 - 09:30

Poster session: Alveolar filling disorders and autoimmune lung diseases

Disease(s) : Interstitial lung diseases | Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology | Pulmonary function testing | Respiratory intensive care | Cell and molecular biology | Epidemiology | General respiratory patient care | Public health | Imaging

Chairs : Stéphane Jouneau (Rennes Cedex, France), Helen O'Brien (Ratoath, Ireland)

A novel, rapid, and effective cardiopulmonary bypass-based technique for whole lung lavage in pulmonary alveolar proteinosis and silicosis.
Eviatar Naamany (Herzliya, Israel), Karam Azem, Shai M. Amor, Safo Awad, Lev Freidkin, Dror Rosengarten, Shimon Izhakian, Mordechai R. Kramer

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Development of a dried serum assay for the detection of GM-CSF antibodies to aid in the diagnosis of autoimmune pulmonary alveolar proteinosis (aPAP)
Eagappanath Thiruppathi (Rockville, United States), Joannah Kim, Rico Djidotor, Aamir Ali, Brenna Carey, Bruce Trapnell

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Efficacy of inhaled molgramostim according to severity of autoimmune pulmonary alveolar proteinosis (aPAP)
Cormac McCarthy (Dublin 4, Ireland), Francesco Bonella, Yoshikazu Inoue, Bruce Trapnell, Brian Robinson, Rosanna Fleming, Yasmine Wasfi, Raymond Pratt

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Relationship between pulmonary gas transfer, respiratory health-related quality of life (HRQoL), exercise capacity, and surfactant burden in autoimmune pulmonary alveolar proteinosis (aPAP)
Francesco Bonella (Essen, Germany), Cormac Mccarthy, Yoshikazu Inoue, Bruce Trapnell, Brian Robinson, Rosanna Fleming, Yasmine Wasfi, Raymond Pratt

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Pulmonary Alveolar Proteinosis: a 3-country cohort study Greece, Türkiye, Cyprus
Effrosyni D. Manali (Athens, Greece), Spyros A Papiris, Efsun Gonca Uğur Chousein, Maria Kallieri, Nesrin Mogulkoc, Andriana I Papaioannou, Frangiskos Frangopoulos, Tonia Adamide, Lykourgos Kolilekas, Burak Gökçe, Nesrin Ocal, Despoina Papakosta, Berna Akıncı Özyürek, Vasilios Tzilas, Enver Yalnız, Georgia Kontonasiou, Ezgi Demirdöğen, Emmanouil Verykakis, Ahmet Ursavaş, Elvira-Markella Antonogiannaki, Pelin Pınar Deniz, Vasiliki Apollonatou, Ismail Hanta, Dimitrios Chatzis, Anastasia Levounets, Nicoletta Olympiou, Ilias Dimeas, Zoe Daniil, Nikolaos Roussakis, Andrea Schams, Delphine Monnier, Christina Rampiadou, Paschalis Steiropoulos, Katerina Markopoulou, Nikolaos Tzanakis, Konstantinos Gourgoulianis, Demosthenes Bouros, Brenna Carey, Bruce Trapnell, Matthias Griese, Erdoğan Çetinkaya

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Clinical Outcomes and Quantitative Imaging Patterns of Fibrotic Pulmonary Alveolar Proteinosis: A Large-scale, Longitudinal Chinese Cohort
Junfeng Huang (guangzhou, Guangdong, China), Ailin Duan, Shuojia Xie, Qiqi Peng, Jinsheng Lin, Weizhan Luo, Xinyu Song, Yu Deng, Cormac Mccarthy, Shiyue Li

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A case series of pulmonary alveolar proteinosis (PAP) and hypersensitivity pneumonitis (HP) overlap
Jessica Raja (London, United Kingdom), Sujal Desai, Rachel Blyth, Woon Sen Koh, Khine Yin Mon, Elisabetta Renzoni, Athol Wells, Vasileios Kouranos, Felix Chua, Philip Molyneaux, Richard Hewitt, Simon Bax, Peter George, Gisli Jenkins, Anand Devaraj, Andrew Nicholson, Maria Kokosi

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Clinical Trial of Bone Marrow-Derived Mesenchymal Stem Cell Therapy for Autoimmune Pulmonary Alveolar Proteinosis
Xinyu Song (Guangzhou, China), Jing Jin, Weizhan Luo, Yiping Zhu, Shiyue Li

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Clinical characteristics and survival in patients with pulmonary alveolar proteinosis (PAP) with and without pulmonary fibrosis.
Karol Bączek (Łódź, Poland), Eda Börner, Jose Guillermo Ortiz Sucre, Wojciech Jerzy Piotrowski, Urlich Costabel, Francesco Bonella

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Interstitial lung involvement in Acid Sphingomyelinase deficit (ASMD): clinical case series.
Marta Garcia Moyano (Barakaldo, Spain), Leticia Ceberio Hualde, Gorka De Frutos, Ana Villar, Jordi Costa I Colomer, Raquel Pérez Rojo

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Screening for acid sphingomyelinase deficiency in patients with an interstitial lung disease
Marie Vermant (Leuven, Belgium), Ilse Van Raemdonck, Nathalie Veyt, Marianne Carlon, Emanuela Elsa Cortesi, Nico De Crem, Marieke De Rooy, Tine Follet, Stefan Gogaert, Bart Vanaudenaerde, David Cassiman, Laurens J De Sadeleer, Wim A Wuyts

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Pulmonary alveolar microlithiasis with a novel genetic variant: a case report
Leonardo Gori (Florence, Italy), Anna Lindhal, Valentina Musto, Greta Insalata, Arianna Belli, Amedeo Vannacci, Edoardo Cavigli, Diletta Cozzi, Chiara Moroni, Alessandra Bindi, Alessandra Sorano, Federico Lavorini, Giulia Gori, Samuela Landini, Elia Dirupo, Rosangela Artuso, Sara Tomassetti, Elisabetta Rosi

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Idiopathic pulmonary hemosiderosis: a case series highlighting diagnostic and therapeutic challenges
Maria Clara Maricoto Monteiro (Viseu, Portugal), Mariana Dias Costa, Ariana Gonçalves Marques, Miguel Félix, Teresa Reis Silva, Raquel Penteado, Pedro Gonçalo Ferreira

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Peri-cystic lesions in ANCA-associated fibrosing interstitial lung disease
Lucas Bayart (Abbeville, France), Matthieu Demeyere, Stéphane Dominique, Vincent Langlois, Antoine Cuvelier, Lidwine Stervinou-Wemau, Cécile Chenivesse, Vincent Jounieaux, Claire Andrejak, Olivier Leleu, Pierre-Alexandre Hauss, Mathieu Salaün

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Monitoring of Systemic Autoimmune Rheumatic Disease Interstitial Lung Disease (SARD-ILD) with Remote Spirometry
Aqusa Zahid (Karachi, Pakistan), Aqusa Zahid, Rebecca Burton, Eamonn Costello, Eimear Kelly

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Pulmonary involvement in patients with primary antibody deficiency – the results from a multicentric cross-sectional study
Tomas Milota (Prague, Czech Republic)

PS-14 Session 08:00 - 09:30

Poster session: Home monitoring in asthma and COPD

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Public health Epidemiology Physiology Pulmonary function testing Pulmonary rehabilitation

Chairs : Arzu Yorgancıoğlu (İzmir, Turkey), Chair to be confirmed

Predicting arterial pCO2 using capnographic recordings - A pilot study using a novel breath analysis device
Theresa Klemm (Vienna, Austria), Marie-Kathrin Breyer, Marie-Therese Grasl, Meryem Ceylan, Nejla Hidic, Max Sorantin, Charlotte Fuchs, Arschang Valipour

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Home-based FeNO measurement in GINA 1-5 asthma: the FeNO@home study
Kai Michael Beeh (Taunusstein, Germany), Tim Harrison, Enrico Heffler, Hartmut Timmermann, Stephan Weber, Sandra Wegner

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The ReferID+ digital asthma review tool compared to standard of care in uncontrolled asthma in primary care (OASIS study): A Randomised Controlled Trial
Hetal Dhruve (London, United Kingdom), Alexandra Nanzer, David Jackson

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Novel associations with low peak expiratory flow rate (PEFR): Findings from a community health survey in 1195 adults from the urban slums of Pune City, India.
Monica Barne (Pune (Maharashtra), India), Sapna Madas, Vandana Das, Monika Dhawale, Ashfaque Shaikh, Asmita Gaikwad, Sanskruti Kale, Narreddy Harsha Vardhan Reddy, Sripada Narayana Rao, Abhishek Sabale, Sundeep Salvi

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Variability of fractional exhaled nitric oxide using domiciliary measurements in symptomatic and untreated patients with suspected asthma
Ran Wang (Manchester (Greater Manchester), United Kingdom), Hannah Durrington, Lisa Willmore, Liam Whipday, Lesley Lowe, Angela Simpson, Stephen Fowler, Clare Murray

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Diagnostic accuracy of a novel contactless monitoring device to detect exacerbations of COPD
Shaogi Syam (Ilford, United Kingdom), Arafa Aboelhassan, John Hurst

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Impact of Home Monitoring on Exacerbations After Alpine Altitude Climate Treatment: Davos@Home
Fleur L. Meulmeester (Leiden, Netherlands), Lianne Ten Have, Anneke Ten Brinke, Jacob K. Sont, Karin Fieten

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Wearable Devices for Monitoring COPD: Real-World Challenges and Insights
Beyza Toprak (Glasgow, United Kingdom), Alexander B Mullen

Heart rate, respiratory rate and airflow variability analysis in chronic obstructive pulmonary disease
Amar Shah (London, United Kingdom), Anita Saigal, Renard Pramono, Orsina Dessi, John R Hurst, Ali R Mani, Esther Rodriguez-Villegas, Swapna Mandal

ExHaled nitric Oxide measurements to Predict the risk of Exacerbations in COPD (HOPE): A feasibility study.
Kateryna Gashynova (Dnipro, Ukraine), Andreas Hoheisel, Eleni Papakonstantinou, Gregor Herrmann Krasagakis, Jona Gjeloschi, Saskia Kiefer, Michael Oppenländer, Jaime Alvarado, Björn Christian Frye, Sebastian Fähndrich, Daiana Stolz

Can metronome-paced tachypnea using breathing at vital capacity predict peak expiratory flow?
Anirban Chatterjee (Cupertino, United States), Gopal Valsan, Jeffrey Richard, Thilaka Sumanaweera

Relation of changes in PEF and FEV1 during bronchodilation in children
Leon L. Csonka (Tampere, Finland), Antti Tikkakoski, Anna P. Tikkakoski, Jussi Karjalainen, Lauri Lehtimäki

Patterns of symptom deterioration through remote monitoring can support multimorbid COPD (self-)management: A mixed-methods study
Sanne H B van Dijk (Enschede, Netherlands), Bente Rodenburg, Marjolein G J Brusse-Keizer, Anke Lenferink

Digital Therapy in Self-management of COPD Patients: Study Protocol
Hanna WU (Beijing, China), Hongtao Niu, Tianqi Peng, Yushi Zhang, Ting Yang

Individualised FEV_1 thresholds for home spirometry: data-driven pilot approach
Wim Janssens (Leuven, Belgium), Astrid Blondeel, Hannelore Geysen, Iwein Gyselinck, Michaël Staes, Geert Celis, Jonas Claus, Rebecca Borton, Stephanie Everaerts, Laurens Ceulemans, Robin Vos

The utility of electronic diaries in adverse event notification in a COPD study
Ines Meireles (London, United Kingdom), Anand Tana, Ley T Chan, Elif S Agaoglu, Ashish Karir, James Tonkin, Justin L Garner, Christopher M Orton, Pallav L Shah

Telemedicine in chronic respiratory diseases – home spirometry as a new approach in disease control
Miroslav Ilić (Sremska Kamenica (Vojvodina), Republic of Serbia), Jovan Javorac, Dragica Kovačević, Emilija Vujičić, Dejan Živanović, Nevena Savić, Kristina Tot Vereš

Clinical Phenotypes and Outcomes of Home Non-Invasive Ventilation in COPD: a retrospective review
Inês Ferreira Carvalho (Porto, Portugal), Mara Sousa, Maria Jacob, Anabela Marinho, Miguel Gonçalves

Telemonitoring in COPD: A Modern Approach to Reduce Exacerbations and Hospitalizations
Luis Filipe Santos Silva (Paços De Brandão, Portugal), Anita Lascasas Trigueira, João Pedro Marques Macedo, Margarida Costa Silva, Vanessa Santos, Jorge Ferreira

Can artificial intelligence predict spirometry from a simple smartphone voice recording?
Amani SAYHI (tunis, Tunisia), Mariem Abdelmoula, Nadia Ben Lazreg, Mariem Abdessalem, Imen Talbi, Fatma Guezguez, Ines Ghannouchi, Sonia Rouatbi

PS-26 Session 08:00 - 09:30

Poster session: Physical activity

Disease(s) : Interstitial lung diseases | Airway diseases | Respiratory critical care

Method(s) : Pulmonary rehabilitation | Transplantation | General respiratory patient care | Public health | Epidemiology

Chairs : Henrik Hansen (Dragør, Denmark), Stéphanie Saxer (St. Gallen, Switzerland)

Investigation of the relationship between daily living activities, respiratory functions, dyspnea and, muscle strength in patients with idiopathic pulmonary fibrosis
Ilknur Naz (Izmir, Turkey), Şerife Demirbaş, Elvan Felekoglu, Melissa Köprülüoglu, Ceyda Anar

The Relationship Activities of Daily Life with Dyspnea and Fatigue Perceptions and Health Status in Lung Transplant Recipients
Ulas Ar (Ankara, Turkey), Erdal Yekeler, Ebru Calik-Kutukcu

The Association of Limitations in Activities of Daily Living with Health Status in Lung Transplant Recipients
Ulas Ar (Ankara, Turkey), Erdal Yekeler, Ebru Calik-Kutukcu, Fatmanur Celik-Basaran, Sinan Turkkan

Supporting a physically active lifestyle in COPD: lessons from the PICk UP study
Patrícia Filipa Sobral Rebelo (Trancoso, Portugal), Dina Brooks, Alda Marques

The relationship between exercise capacity and physical activity level in breast cancer
HACER ÖNCÜ (ankara, Turkey), Ebru Calik-Kutukcu, Naciye Vardar-Yagli, Melda Saglam, Sercan Aksoy

Feasibility of an eHealth physical activity coaching intervention in COPD patients undergoing pulmonary rehabilitation
Joana Cruz (Leiria, Portugal), Sofia Flora, Chris Burtin, Ana Sofia Grave, Sara Pimenta, Fátima Baptista

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Sedentary patients with COPD: differences by physical activity level
Sara Pimenta (Leiria, Portugal), Sofia Flora, Nádia Hipólito, Cândida G. Silva, Ana Oliveira, Nuno Morais, Fátima Rodrigues, Vitória Martins, Lília Andrade, Chris Burtin, Dina Brooks, Alda Marques, Joana Cruz

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Determinants of sedentary behavior 30 days after hospitalization for COPD exacerbation
Maria Gabriela Colucci (São Carlos, SP, Brazil), Joana Patrícia Dos Santos Cruz, Débora Mayumi De Oliveira Kawakami, Gustavo Henrique Guimarães Araujo, Renata Gonçalves Mendes, Luiz Augusto Brusaca, Valéria Amorim Pires Di Lorenzo

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Functional characteristics and factors contributing to achieving moderate-to-vigorous physical activity in COPD patients
Tiago Almeida Araújo (São Carlos, Brazil), Maria Gabriela Colucci, Fernanda Manenti Basso, Livia Maria Petilli Zopelari, Vanessa Pereira Lima, Valéria Amorim Pires Di Lorenzo

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Effect of cognitive behavior therapy to reduce sedentary behavior in individuals with COPD participating in a pulmonary rehabilitation program: a RCT
Rafaella Xavier (São Paulo (SP), Brazil), Juliana Ito, Fabio Sá, Cibele Berto, Caroline Censo, Vinicius Cavalheri, Regina Carvalho-Pinto, Celso Carvalho

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Physical activity and its interaction with exercise capacity as predictor of mortality in COPD: A 4-year cohort study
Debora Mayumi de Oliveira Kawakami (Sao Carlos, Brazil), Renata Gonçalves Mendes, Karina Furlanetto, Fabio Pitta, Henrik Watz, Nicholas S Hopkinson, Benjamin Waschki, Thierry Troosters, Judith Garcia Aymerich, Heleen Demeyer

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Daily steps and better health status in people with COPD: a cut-off analysis
Juliana M. B. Santos (São Paulo, Brazil), Fabiano F. De Lima, Caroline M. Censo, Eloise A. Santos, Juliana T. Ito, Rafaella F. Xavier, Regina M. Carvalho-Pinto, Celso R. F. Carvalho

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Sedentary behavior, respiratory symptoms and functional status 3 months after community-acquired pneumonia
Alejandro Heredia Ciuró (Granada, Spain), Pilar García González, Jesús Zamora Tortosa, Geraldine Valenza Peña, Julia Raya Benítez, Andrés Calvache Mateo, Marie Carmen Valenza

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Association between walkability, physical activity levels, and clinical control in people with asthma: a cross-sectional analysis
Fabiano de Lima (São Paulo, Brazil), Juliana Dos Santos, Thiago Sales, Inaian Teixeira, David Pinheiro, Rosana Agondi, Regina Carvalho-Pinto, Ligia Barrozo, Celso Ricardo Fernandes Carvalho

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Characteristics of responders in a behavioral intervention to increase physical activity in asthma: a pragmatic study with one hundred individuals
Fabiano de Lima (São Paulo, Brazil), Juliana Dos Santos, Adriana Lunardi, David Pinheiro, Yan De Oliveira, Pedro Giavina-bianchi, Rosana Agondi, Regina Carvalho-Pinto, Celso Ricardo Fernandes Carvalho

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Associations between movement behaviours and clinical characteristics in people with asthma
Paola Urroz Guerrero (Newcastle, Australia), Hayley Lewthwaite, Peter Gibson, Amber Smith, Brooke Bailey, Vanessa Mcdonald

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Exercise levels in adults with primary ciliary dyskinesia in England: A comparison with UK government guidelines and the impact on FEV1
Stevie Peake (London, United Kingdom), Elizabeth Shepherd, Nicole Freitas, Connie Webster

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Behaviour change techniques in physical activity and sedentary behaviour interventions in COPD
Nádia Hipólito (Leiria, Portugal), Sara Pimenta, Jorge Encantado, Joana Cruz

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Sociodemographic factors as determinants of physical activity and sedentary behavior in adults with asthma
Joice Mara Oliveira (Londrina, Brazil), Denner Melo, Ariele Pedroso, Natielly Correia, Fabiano Lima, Celso Carvalho, Carlos Camillo, Karina Furlanetto

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Investigation of Physical Activity, Exercise Capacity, Fatigue, Cognitive Status in Post-COVID Syndrome
Ayşenur Germi (İstanbul, Turkey), Yahya Doğan, Buket Maruk, Mehtap Erbil, Naciye Vardar Yağli

PS-12 Session 08:00 - 09:30

Poster session: Inhaler technique, adherence and action plans: we really need to master the basics

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Public health

Chairs : Amy Hai Yan Chan (Auckland, New Zealand), Chair to be confirmed

Evaluation of Inhalation Technique of Asthma treatment in Tunisian Adults
Ahmed Ben Saad (Monastir, Tunisia), Lobna Loued, Rania Kaddoussi, Wajih Ghribi, Saoussen Cheikh-Mhammed, Samah Joobeur, Naceur Rouatbi

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Looking for the factors influencing the proper inhalation technique.
Izabela Domagała (Zielona Góra, Poland), Marta Miszczuk-Cieśla, Marta Dąbrowska

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Are pressurized metered-dose inhalers with spacers prescribed more often than necessary in patients with asthma?
José Luis Izquierdo Alonso (Guadalajara, Spain), José Miguel Gonzalez Moro, Francisco Javier Álvarez Gutierrez, Krasimira Baynova, Mariam De La Poza Abad,

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Which step(s) of inhaler technique affect acute bronchodilation in COPD?
Thomas Siler (Saint-Charles, United States), Donald A. Mahler, Sergio Martinez, Alexander G. Duarte, Surya P. Bhatt

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Standard Setting and Validation of an e-Inhaler Technique Competency Test for Healthcare Professionals
Amir Hakim (London, United Kingdom), Christabelle Chen, Pedro Elston, Paul Pfeffer

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Effects of asthma inhalers that provide feedback on patient-relevant outcomes: A systematic review and meta-analysis
Marta Moreno Sole (, Switzerland), Maria Boesing, Stefan Schandelmaier, Giorgia Lüthi-Corridori, Fabienne Jaun, Jörg D. Leuppi

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The NEWTON study: the final study results
Fulvio Braido (Genova, Italy), Kai-Michael Beeh, Carolina Cisneros Serrano, Anh Tuan Dinh-Xuan, Lilla Tamàsi, Antigona Trofor, Eleonora Ingrassia, Alessio Piraino, Cristiano Caruso

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Improved Treatment Adherence in Asthma Patients with Beclometasone/Formoterol/Glycopyrronium: 12-Month Results of TriMaximize Study
Timm Greulich (Marburg, Germany), Valentina Bogoevska, Richard Russell, Charlotte Suppli Ulrik, Wolfgang Pohl, Vicente Plaza, Arnaud Bourdin, Maciej Kupczyk, Fulvio Braido, Alexander Hahn, Celina Fritz, Veronika Grickschat, Christian Gessner

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Pressurized Metered-Dose versus Dry-Powdered Inhalers Adherence Among Asthma and COPD Patients, a Real-Life Study
Dekel Shlomi (Tel-Aviv, Israel), Benice Oerman, Yehonatan Halevy, Shiri Kushnir, Yael Reichenberg

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Accuracy of Accuhaler, Ellipta, and Turbuhaler testers in patients with chronic obstructive pulmonary disease
Thiravit Siriyothipun (Nonthaburi, Thailand)

Breathing parameters of severe asthma patients under biologic therapy through Breezhaler®, Turbuhaler®, NEXThaler® and Ellipta® dry powder inhalers
Botond Havadtoi (Budapest, Hungary), Norbert Ilyés, Izolda Réti, Árpád Farkas, Balázs Sánta, Alpár Horváth, János Varga, Gabriella Gállfy

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Improved treatment outcomes and less need for rescue medication following switch to Easyhaler DPI in adult asthma patients
Sabina Wehgartner- Winkler (Augsburg, Germany), Thomas Schultz, Athanasios Xanthopoulos, Satu Lähelmä, Mikko Vahteristo, Michael Sebert

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Higher adherence to biologic therapies in asthma is associated with improved clinical outcomes: Retrospective analysis of claims data
Njira L Lugogo (Durham, United States), Brian Modena, Justin Kwiatek, Jiaxuan Wang, Peter Howarth, Riyad Al-Lehebi, Anna Vichiendilokkul, Urvee Karsanji, Jeremiah Hwee, Gerald Smith, Riley Geason, Arijita Deb, Rafael Alfonso-Cristancho

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Exploring the Challenges of Managing Difficult-to-Treat Asthma: A Questionnaire-Based Approach
Sharvary Rathod (Mumbai, India), Preeti Ghadage, Tarang Kulkarni, Alpa Dalal

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Real-world evidence on improved adherence and asthma outcomes with single-inhaler triple therapy
Saša Rink (Ljubljana, Slovenia), Dušan Božič, Branislav Červenjak, Renato Eržen, Alojz Horvat, Sonja Kambič Kafol, Albert Klobučar, Zoran Krstić, Saša Letonja, Anton Lopert, Arjana Maček Cafuta, Jasmina Panjan Avramovič, Nikša Šegota, Tjaša Šubic, Gaudencio Lucas Triep, Nataša Todorović, Katarina Vukelić, Marko Bombek, Renata Verboten Kopriva, Lucija Gabršček Parežnik, Željko Perdija, Snežana Ulčar Kostić, Jaro Lajovic, Sabina Škrgat

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Real-world challenges in achieving COPD best practice
Sachin Ananth (London, United Kingdom), Anuki Dasanayake, Karolina Prylinska, Rachel Tennant

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Patient perspectives of asthma treatment as barriers to implementing new treatment guidelines: A qualitative forum analysis
Zoe Moon (London, United Kingdom), Hannah Truscott, Vince Mak, Robert Horne

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Impact of single-inhaler triple therapy on COPD treatment in the period from 2016–2022: A nationwide Danish cohort study
Nicolai Krogh (Copenhagen, Denmark), Anne-Cathrine Falch-Jørgensen, Louise Dalsager, Yunus Çolak

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Patient-centred approaches to adult asthma care: a European modified Delphi consensus programme
Fulvio Braido (Genova, Italy), Ilaria Baiardini, Simona Barbaglia, Susanna Palkonen, Armando Ruiz-Baqués, Ioanna Tsiligianni, Christian Virchow, Tonya Winders

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AERO CA/UK 01 Survey: Comparing respiratory patient care and perceptions in Canada and UK – differences do exist
Jason Suggett (London (ON), Canada), Alison Ellery, Mark Nagel

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PS-31 Session 08:00 - 09:30

Poster session: Pulmonary and extrapulmonary tuberculosis: clinical management

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Public health Epidemiology General respiratory patient care Transplantation Endoscopy and interventional pulmonology

Chairs : Chair to be confirmed

Identification of Pretomanid drug resistance in clinical isolates of Multi-Drug Resistant (MDR) Mycobacterium tuberculosis from North India
ROOPENDRA KUMAR (Agra, India), Ajay Vir Singh, Rajbala Yadav, Santosh Kumar, Devendra Singh Chauhan

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Post-treatment outcomes three years after a 9-month regimen for rifampicin-resistant tuberculosis in Vietnam
Thi Mai Phuong Nguyen (Hanoi, Vietnam), Tom Decroo, Binh Hoa Nguyen, Thi Thanh Thuy Hoang, Van Luong Dinh

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Adverse effects of anti-TB treatment in MDR-TB patients among different regimens
Parvaneh Baghaei Shiva (Tehran, Islamic Republic of Iran), Majid Marjani, Afshin Moniri, Zahra Abtahian, Payam Tabarsi

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Treatment success and predictors of unfavorable outcomes in isoniazid-monoresistant tuberculosis: A single-center retrospective cohort study in Malaysia
Tee Sunn Ren (Kelantan, Malaysia), Suzila Che Sayuti, Azza Binti Omar, Mat Zuki Mat Jaeb

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Ukraine's experience in rapid implementation of innovative short treatment regimens for DR-TB
Olesia Medvedieva (city of Kyiv, Ukraine), Elmira Gurbanova, Natalia Lytvynenko, Olha Sakalska, Galina Gorenko, Natalia Klymenko, Natalya Kiyan, Lianna Kovtunovych, Maria Diachenko, Yana Terleeva

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Prevalence and short-term outcomes of acute complications of tuberculosis: a cross-sectional, monocentre, Italian study.
Sara Maggioni (Milano, Italy), Cristina Albrici, Silvia Terraneo, Mariangela Puci, Giulia Ferranti, Sonia Henchi, Ottavia Viganò, Giulia Marchetti, Stefano Centanni, Claudia C. Dobler, Giovanni Sotgiu, Michele Mondoni

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Therapeutic Stratification in MDR-TB: A 16.3% Efficacy Gap Between Treatment-Naïve and Retreated Patients in Urban China
yidian liu (shanghai, China)

Risk factors and causes of treatment failures in drug-susceptible tuberculosis in Lithuania over 22 years
Karolina Kėvelaitienė (Vilnius, Lithuania), Edvardas Danila, Valerija Edita Davidavičienė

Risk factors associated with drug-induced hepatoxicity (DIH) with antituberculosis medications among tuberculosis directly observed treatment short-course (TB-DOTS) patients in a tertiary hospital
Michael Gino Ordoña (Manila, Philippines), Cary Amiel Villanueva, Mithi Kalayaan Zamora

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Correlation between serum isoniazid concentration and therapeutic response in pulmonary tuberculosis
roumaissa bellara (Le Kef, Tunisia), Hemissi Khaoula, Hend Abid, Hana Dhifallah, Nada Gueder, Narjes Abid, Hedia Ghrairi

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Risk factors and treatment outcomes of drug-resistant Tuberculosis in migrants
Giovanni Fumagalli (Milano, Italy), Niccolò Riccardi, Maria Margherita Sbarbati, Maria Del Carmen Garcia Martearena, Gloria Leonardi, Maurizio Ferrarese, Alice Claudia Repossi, Laura Mizio, Chiara Bertonazzi, Marco Mantero, Luigi Ruffo Codecasa

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Rare Presentation of Tuberculous Laryngitis in Adolescent: A Case of Severe TB Manifestations - Tuberculous Laryngitis, Miliary Tuberculosis and Tuberculous Meningitis Due to Lack of Prophylaxis
Vesna Vekovic (Belgrade, Republic of Serbia), Zorica Zivkovic, Marija Sredojevic, Nadja Jocic, Vera Aleksic

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Prevalence of pre-existing delamanid drug resistance in Multi-Drug Resistant (MDR) Mycobacterium tuberculosis clinical isolates from northern India
Ajay Vir Singh (Agra, India), Roopendra Kumar, Rajbala Yadav, Santosh Kumar, Devendra Singh Chauhan

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Endobronchial Tuberculosis:- Is surveillance bronchoscopy the missing link!!
Sourabh Pahuja (Faridabad (Haryana), India), Arjun Khanna, Pradeep Bajad, Rashika Vp, Satyam Agarwal, Swadha Jain

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Mortality and multiresistant pulmonary tuberculosis in Abidjan, Ivory Coast.
PROWO THIFFANY (Abidjan, Cote d'Ivoire)

A Step Towards Tuberculosis Elimination – Advantages of Pretomanid Use in MDR-TB Patients
Aysel Aslanova (Baku, Azerbaijan), Irada Akhundova, Rashid Badalov, Gulzar Alieva, Nazila Murguzova, Konul Karimova, Nargiz Maharramova, Mehriban Sayfaddinova, Gunas Cafarova

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Cardiovascular risks of bedaquiline use in patients with drug-resistant tuberculosis
Olha Molodovets (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Iryna Makoida, Olha Melnyk-Sheremeta, Natalia Pozur, Alla Zuban

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Effectiveness of BPaL and BPaL/M short treatment regimens for DR-TB patients in Azerbaijan
Gulzar Aliyeva (Baku, Azerbaijan), Irada Akhundova, Konul Karimova, Aysel Aslanova, Hediyye Hajmammadli, Afaq Huseynova

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Predictive factors of time to sputum culture conversion in multidrug-resistant tuberculosis
Mayssa Chariag (Tunis, Tunisia), Hafaoua Daghfous, Soumaya Ben Saad, Nourchene Khalfallah, Amani Ben Mansour, Fatma Tritar

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PS-16 Session 08:00 - 09:30

Poster session: Comorbidities in asthma

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Public health

Chairs : Giuseppe Guida (ORBASSANO (TO), Italy), Chair to be confirmed

Anxiety and depression in patients with asthma in China: a national cross-sectional study
Yanan Cui (Beijing, China), Ke Huang, Ting Yang

Asthma Exacerbation Comorbidity Index (AECI): Predicting In-Hospital Adverse Outcomes
Xin Zhang (Chengdu, China), Lishan Yuan

Upper Airway Control Therapy (U-ACT): the development of a non-pharmacological intervention for inducible laryngeal obstruction
Jemma Haines (Wilmslow (Cheshire), United Kingdom), Jaclyn A Smith, Stephen J Fowler, Janelle Yorke

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Treatable traits in asthma associated with hospitalizations
Marina Labor (Linköping, Sweden), Christer Janson, Andreas Palm, Andrei Malinovschi, Mathias Holm, Linda Ekerljung, Sven-Erik Dahlén, Lars Modig, Össur Ingi Emilsson

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Psychiatric screening tools in asthma patients: a systematic review
Snigdha Widge (Edmonton, Canada), Jacquelyn Paquet, Ling Ling, Dilini Vethanayagam

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The Impact of Obstructive Sleep Apnea on Asthma: A 22-year Multi-Institution Cohort Study in Taiwan
Shih-Wei Huang (Taoyuan, Taiwan), Chun-Yu Lin, Horng-Chyuan Lin

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Multimorbidity in severe asthma: resources and perspectives from severe asthma specialists and general respiratory physicians in SHARP
Dace Matisa (Riga, Latvia), Ramesh Kurukulaaratchy, Sasa Rink, Anna Freeman, Sabina Skrgat, Aruna Bansal, Betty Frankemolle, Mehar Singh, Jacob Sont, Florence Schleich, Ben Ainsworth, Michael Hyland, Apostolos Bossios, Felix Wantke, Edin Jusufovic, Shane Hanon, Sanja Popović-Grle, Vratislav Sedlak, Celeste Porsbjerg, Lauri Lehtimäki, Arnaud Bourdin, Stephanie Korn, Kostas Samitas, Zsuzsanna Csoma, Dora Lúðvíksdóttir, Marcus Butler, Georgio Walter Canonica, Enrico Heffler, Ineta Grisle, Kristina Bieksiene, Anneke Ten Brinke, Piotr Kuna, Claudia Loureiro, Florin Mihălţan, Valentyna Yasinska, Joerg Leuppi, Bilun Gemicioglu, Liam Heaney

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Respiratory Symptoms and Associated Risk Factors in Urban Slums from Pune, India: An Observational Study
Vandana Das (Pune (Maharashtra), India), Sapna Madas, Monica Barne, Monika Dhawale, Ashfaque Shaikh, Prasad Shinde, Asmita Gaikwad, Abhishek Sabale, Sundeep Salvi

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Disease Severity, Not Specific Comorbidities Predicts Fatigue in Severe Asthma (SHARP)
Joseph Lanario (Plymouth (Devon), United Kingdom), Lianne Ten Have, Fleur Meulmeester, Dawn Redwood, Tania Wainwright, Joanna Tilley, Anne Mcgahey, Simon Doe, Kathleen Byani, Sanja Hromiš, Sabina Škrgat, Mariana Paula-Rezelj, Peter Kopac, Ana Žaže Bertoncel, Anneke Ten Brinke, Kristina Bieksiene, Jolita Palacionyte, Valentyna Yasinska, Barbro Dahlen, Cláudia Chaves Loureiro, Maria Gonçalves Cunh, Pedro Nogueira Nogueira, Inês Farinha, Dominique Hamerlijnck, Michael Hyland, Jacob Sont, Matthew Masoli

Psychological Impact of Allergic Asthma: How the Disease Affects Mood, Sleep, and Quality of Life
Salma Abrar (Agadir, Morocco), Abdelkrim Khannous, Hanane Ikrou, Nada Boutbagha, Oussama Halloumi, Selma Abdala, Hind Serhane

The prevalence and impact of co-morbid psychological symptoms in severe asthma
Kirsten Stewart-Knight (London, United Kingdom), Abida Siddika, Klaudia Walas, Jessica Gates, Leyla Osman, Faizan Haris, Linda Green, Mariana Fernandes, Louise Thomson, Cris Roxas, Jodie Lam, Annette De Looper, Gráinne D'Ancona, Alexandra M. Nanzer, Jaideep Dhariwal, David J. Jackson

The diagnostic use of breathing pattern measurements to identify dysfunctional breathing in patients with asthma
Panagiotis Sakkatos (Southampton (Hampshire), United Kingdom)

Uncontrolled asthma in the elderly is associated with frailty and dependence.
Amanda da Rocha Oliveira Cardoso (Goiânia (GO), Brazil), Anna Carolina Galvão Ferreira, Gustavo Camargo De Mello Rosa, Marcelo Fouad Rabahi

A 3-year prospective study to assess characteristics, clinical outcomes and risk factors for exacerbations in patients with asthma, COPD and asthma-COPD overlap.
Fanny W.S. Ko (Shatin, Hong Kong), Ken Ka Pang Chan, Timothy Ng, Rachel Lai Ping Lo, Jenny Chun Li Ngai, Kin Wang To, Wing Ho Yip, Joyce Ka Ching Ng, Christopher Chan, Charlotte Ho Ying Lau, Stephanie Wing Tone Ho, David Shu Cheong Hui

The influence of mental status disorders on compliance in COPD patients
Olha Shchudro (Dnipro, Ukraine), Yuliia Huba, Lyudmyla Konopkina

Osteoporosis in Algerian patients with chronic obstructive pulmonary disease (COPD)
Tarek Sekhane (Constantine, Algeria), Yacine Djeghri, Abdelbassat Ketfi

Sputum eosinophils can help define the diagnosis in patients with common features of asthma and COPD
Simone Cordoni (Pavia, Italy), Cristina Novy, Mitela Tafa, Maria Chiara Casale, Caterina Cuomo, Amelia Grosso, Erica Gini, Federica Albicini, Alice Balderacchi, Ilaria Ferrarotti, Angelo Guido Corsico, Davide Piloni

Neutrophilic inflammatory phenotype during exacerbations predicting adverse in-hospital outcomes in Asthma-Bronchiectasis Overlap Syndrome
Lishan Yuan (Chenddu,Sichuan, China), Xin Zhang

Exercise-induced laryngeal obstruction in a hospital-based cohort with asthma
Aase Johnsen Rogde (Bergen, Norway), Haakon Kristian Kvidaland, Sverre Lehmann, Thomas Halvorsen, Hege Havstad Clemm, Ola Drange Røksund, Maria Vollsæter, Tiina Maarit Andersen

Obesity and depression predict low adherence in obstructive pulmonary disease: a TAI-based analysis.
Tina Kokelenberg (Waasmunster, Belgium), Leander Jonckheere, Chelsea De Paepe, Pieter Goeminne, Jonas Yserbyt

PS-22 Session 08:00 - 09:30

Poster session: Neonatal and paediatric respiratory care and prematurity-related respiratory sequelae

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care Pulmonary function testing General respiratory patient care Epidemiology Imaging Cell and molecular biology Public health

Chairs : Chair to be confirmed

Explainable AI to identify nutritional factors that affect respiratory outcomes in very preterm infants
Emanuela Zannin (Monza (MB), Italy), Linda Greta Dui, Valentina Bozzetti, Simona Ferrante, Maria Luisa Ventura

Using a point-of-care device to predict prolonged respiratory support in moderate- and late-preterm neonates
Brianna Leigh (Rochester, United States), William Carey, Lavonne Liedl, Amy Amsbaugh

Preschool lung function trajectories following preterm birth: a retrospective, cohort study
Anna Lavizzari (Milano (MI), Italy), Chiara Curreli, Marijke Ophorst, Nicola Pesenti, Nicole Sirianni, Valentina Polimeni, Silvana Gangi, Maria Beatrice Marangoni, Valentina Tiraferri, Mariarosa Colnaghi, Monica Fumagalli, Fabio Mosca

Lung MRI and respiratory function assessment at term in preterms whitouth bronchopulmonary dysplasia (no-BPD)
Denis Lombardo (Milan, Italy), Vincenzo Guaia, Giulia Ricci, Gianluca Lista, Francesca Castoldi, Alice Munari, Salvatore Zirpoli, Valeria Calcaterra, Lucia Labati, Gian Vincenzo Zuccotti, Francesco Cavigioli

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Artificial intelligence for quality control of lung reactance values measured by oscillometry in newborns
Elena Barzanti (Milano, Italy), Camilla Rigotti, Maria Luisa Ventura, Raffaele Dellaca', Emanuela Zannin*, Chiara Veneroni*

Exploring effects of nebulized epinephrine in treating bronchiolitis: a randomized, single-blind, placebo-controlled, single-center study.
Simone Foti Randazzese (Messina, Italy), Immacolata Rulli, Fabio Toscano, Sara Manti, Eloisa Gitto

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Early plasma protein profiles associated with bronchopulmonary dysplasia in extremely preterm infants
Susanna Klevebro (Segeltorp, Sweden), Mohit Panwar, Dirk Wackernagel, Ingrid Pupp, Sophia Björkander, Hanna Danielsson, Mathias Uhlén, Liv Vallin, Karin Sävman, David Ley, Aldina Pivodic, Ann Hellström, Anders K Nilsson

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Diaphragm Ultrasound and Spontaneous Breathing Trial in Predicting Neonatal Extubation: An Accuracy Study
Paulo Magalhaes (Petrolina, Brazil), Edinely Nelo, Deivid Siqueira, Cyda Reinaux, Fernando Lemos, Bárbara Bernardo Figueirêdo

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Trends in severe bronchiolitis management and patient factors associated with invasive ventilation.
Lainey Smith (Brisbane, Australia), Timothy Hanrahan, David Royan, Catherine Mcdougall

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Long-term respiratory sequelae of severe Chronic lung disease of prematurity
Scott Leigh (hertfordshire, United Kingdom), Sophie-Grace Stevenson, Christopher Edwards, Laura Walker

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Long term impact of severe Chronic Lung Disease of Prematurity on child development
Sophie-Grace Stevenson (Leeds, United Kingdom), Scott Leigh, Laura Walker, Christopher Edwards

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The assessment of ventilatory weaning following methylprednisolone pulses in extremely preterm neonates on respiratory support at 36 weeks postmenstrual age
Celine Delestrain (Creteil, France), Aurélie Zheng, Xavier Durrmeyer, Stephanie Droutman, Richard Wolff, Dassieu Gilles, Mickael Shum, Ralph Epaud, Tauzin Manon

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Standardised spirometry follow-up of 8-year-old born very preterm: a feasibility study
Sanne Honkoop (Leiden, Netherlands), Veronica Van Der Land, Monique Rijken, Ratna Tan

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Difficult-to-wean bronchopulmonary dysplasia beyond the NICU: management and outcomes in a tertiary respiratory centre
Kristien Vanhaverbeke (Opwijk, Belgium), Siobhan Kenny, Rishi Pabary, Hui-Leng Tan, Siobhán B Carr

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Association Of Gestational Exposure to Black Carbon and Birth Weight: Evidence From Denmark and Sweden
Zorana Andersen (Frederiksberg, Denmark), Jiawei ZHANG, Kajsa Pira, Marie Bergmann, Rina So, George Maria Napolitano, Cale Lawlor, Tanya Andersson Nystedt, Youn Hee Lim, Matthias Ketzel, Anna Oudin, Marie Pedersen, Ebba Malmqvist

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The BEGIN Study Bifidobacterium infantis to newborns: Effects of modulating the gut microbial composition on infections and inflammatory conditions, a randomized controlled double-blinded intervention trial
Marie Philipsen (Aarhus N, Denmark), Sune Rubak, Kurt Kristensen, Tine B Henriksen

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A Pilot Study of Lung Clearance Index as a Useful Outcome Marker in the 6 years follow-Up of premature children with broncho pulmonary dysplasia.
Elena Ceniccola (Paris, France), Virginie Coatrieux, Natascha Remus, Plamen Bokov, Ralph Epaud, Celine Delestrain

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5C Session 08:30 - 10:00

Symposium: From wounds to wrinkles: injuries in life as predictors of lung ageing

Aims : to present accelerated lung ageing and the risk of chronic lung disease across the entire lifespan, ranging from the intrauterine/perinatal and preconception period to ageing humans; to address the following knowledge gaps: when does ageing begin, how does inflammation trigger the onset and progression of chronic lung disease at different stages of life and how can lung resilience be maintained and regeneration be promoted?; to enable discussion on aging lung between experts with different expertise, ranging from epidemiology, developmental biology, paediatric/neonatal lung biology and medicine, and adult chronic lung diseases to regenerative lung biology and medicine; to explain the developmental origins of chronic lung diseases and how to use current advanced technologies to delineate premature ageing processes; to discuss ways to promote lung intrinsic regenerative resources. to encourage basic, clinical and translational research that will bridge knowledge gaps at the intersection of translational lung research aiming to understand pathological mechanisms and the development of more effective patient stratification approaches and subsequent therapeutic strategies for chronic lung diseases that are a major global health burden.

Disease(s) : Airway diseases Interstitial lung diseases Paediatric respiratory diseases

Method(s) : Cell and molecular biology Epidemiology Pulmonary function testing

Tag(s) : Translational , Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Paediatrician, Patient, Scientist (basic, translational)

Chairs : Silke Meiners (Sülfeld, Germany), Didier Cataldo (Liege, Belgium), Sara Cuevas Ocaña (Cambridge, United Kingdom)

08:30	**Before the first breath: Early life and preconception origins of respiratory health** Cecilie Svanes (Bergen, Norway)
08:45	**From the uterus to lung disease: intergenerational triggers of premature lung inflammaging** Miguel Angel Alejandre Alcázar (Cologne, Germany)
09:00	**Ticking together: the epigenetic clock and lung ageing across the lifespan** Morten Scheibye-Knudsen (Copenhagen, Denmark)
09:15	**Turning back the clock: how to target ageing in the lung** Mareike Lehmann (Marburg, Germany)
09:30	**Discussion and Q&A** Speaker to be confirmed

Elicium 2 Session 08:30 - 10:00

Hot topics: Cough phenotyping: from the clinic to treatment

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology Imaging

Tag(s) : Translational , Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Journalist

Chairs : Francesca Polverino (Houston, United States), Augusta Beech (Manchester, United Kingdom), Apostolos Bossios (Stockholm, Sweden)

08:30	**Call for action - chronic cough is a disease** Kian Fan Chung (London, United Kingdom)
08:45	**Clinical drug trials in cough - efficacy versus placebo effect** Woo-Jung Song (Seoul, Republic of Korea)
09:00	**Upper airways cough syndrome** Speaker to be confirmed
09:15	**Managing chronic cough in the clinic - seeking global consensus from around the world** Marta Dąbrowska (Warszawa, Poland)
09:30	**Discussion and Q&A** Speaker to be confirmed

5B Session 08:30 - 10:00

Hot topics: Small Lungs, Big Consequences

The origins, consequences and clinical implications of low lung volumes

Aims : To provide an expert overview on the importance of “non-specific” restrictive lung function impairment (small lungs) and how, until recently, this has been ignored epidemiologically and often confused with “COPD” (airflow obstruction). To highlight what we have learned about small lungs, especially from research in low-income countries. To describe: 1) the evidence for the developmental origins of small lungs; 2) the predominant association of restrictive spirometry with cardio-metabolic abnormalities and with poor prognosis and low survival; and 3) the clinical implications for respiratory medicine and general practice, and particularly for practice in low income settings. To conclude each talk with take-home messages.

Method(s) : Epidemiology Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Scientist (basic, translational)

Chairs : Andre F.S. Amaral (London, United Kingdom), Chair to be confirmed

08:30	**Small Lung Syndrome: the need to reclassify chronic lung disease** Peter Burney (London, United Kingdom)
08:45	**Tracking lung function and respiratory development from birth to healthy old age** Shyamali Dharmage (Carlton Victoria, Australia)
09:00	**Small Lungs: Implications for Low and Middle Income countries** Obianuju Beatrice Ozoh (Lagos, Nigeria)
09:15	**Are clinicians missing treatable cardiovascular disease in patients with a low Forced Vital Capacity?** Christer Janson (Uppsala, Sweden)
09:30	**Discussion and Q&A** Speaker to be confirmed

7A Session 08:30 - 09:15

Guidelines session: Management of Bronchiectasis in Adults

ERS Guidelines

Aims : To describe the key recommendations from the ERS Bronchiectasis Guidelines 2025

Disease(s) : Airway diseases Respiratory infections

Method(s) : Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Scientist (basic, translational)

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Myrofora Goutaki (Bern, Switzerland), Chiara Premuda (Palermo, Italy)

08:30	**ERS Bronchiectasis Guidelines 2025- Recommendations for non-pharmacological management** Speaker to be confirmed
08:45	**ERS bronchiectasis guidelines 2025- Pharmacological treatment** James D. Chalmers (Dundee (Angus), United Kingdom)
09:00	**Discussion and Q&A** James D. Chalmers (Dundee (Angus), United Kingdom), Amelia Shoemark (Dundee (Angus), United Kingdom), Amjad Horani (St. Louis, United States), Speaker to be confirmed

5A Session 08:30 - 10:00

State of the art session: Thoracic oncology

Lung cancer screening updates: switch gears to move forward

Aims : to analyse best practices and pitfalls in lung cancer screening programmes worldwide; to assess existing experience and troubleshooting for the pragmatic implementation of lung cancer screening programmes in a real clinical setting.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Surgery

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Wouter H. van Geffen (Leeuwarden, Netherlands), Marcello Migliore (Catania, Italy), Andriani Charpidou (Athens, Greece)

08:30	**Enhanced patient access to lung cancer screening** Torsten Gerriet Blum (Berlin, Germany)
08:45	**Biomarkers in lung cancer screening selection, risk stratification and prognosis** David Baldwin (Nottingham (Nottinghamshire), United Kingdom)
09:00	**Best practices, pitfalls and troubleshooting in lung cancer screening programmes worldwide: the current state of play** Martina Koziar Vasakova (Praha 10, Czech Republic)
09:15	**Developing a lung cancer screening curriculum for healthcare professionals** Georgia Hardavella (Athens, Greece)

09:30	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 08:30 - 10:00

State of the art session: Interstitial lung diseases

Horizon scanning in the treatment of interstitial lung diseases

Aims : to describe the bench-to-bedside approach in the development of therapies for interstitial lung diseases; to highlight the emerging therapeutic interventions for the management of interstitial lung diseases; to describe non-pharmacological approaches for the management of interstitial lung diseases; to explore the lessons learnt from other organ systems with respect to the pathophysiology of pulmonary fibrosis.

Disease(s) : Interstitial lung diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Scientist (basic, translational), Respiratory therapist

Chairs : Nazia Chaudhuri (Limavady, United Kingdom), Wim A. Wuyts (Leuven, Belgium), Michael Kreuter (Mainz, Germany)

08:30	**From bench to bedside: how advancements in scientific knowledge lead to new therapies for pulmonary fibrosis** Rachel Chambers (London, United Kingdom)
08:45	**Non-pharmacological strategies to impact quality of life in interstitial lung diseases** Sabina A. Guler (Bern, Switzerland)
09:00	**What can we learn from fibrosis in other organ systems e.g., the kidney, liver and heart?** ARGYRIS TZOUVELEKIS (Patras, Greece)
09:15	**Emerging pharmacological therapies in interstitial lung diseases** Sheetu Singh (Jaipur (Rajasthan), India)
09:30	**Discussion and Q&A** Speaker to be confirmed

5D Session 08:30 - 10:00

Mini symposium: Primary pulmonary lymphomas: a wide spectrum of disguising entities

Primary pulmonary lymphomas

Aims : to describe the identification of primary pulmonary lymphomas according to the recent World Health Organization classification; to describe the peculiar or disguising clinical/laboratory profile by which primary pulmonary lymphomas may manifest and discuss fundamental pathogenetic aspects; to describe imaging documentation of parenchymal/pleural involvement, taking into account new techniques such as photon-counting computed tomography and nuclear medicine; to present endoscopic and other minimally invasive approaches along with sophisticated laboratory tests that may confirm the diagnosis; to cover differential diagnoses and tricks.

Disease(s) : Interstitial lung diseases Thoracic oncology

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Imaging

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon

Chairs : Sara Piciucchi (Forlì, Italy), Konstantina Kontogianni (Heidelberg, Germany)

08:30	**Clinical overview** Yurdagül Uzunhan (Bobigny, France)
08:45	**Pulmonary lymphomas: a challenge for the radiologist** Shaunagh McDermott (Boston, United States)
09:00	**Minimally invasive approach to lymphoproliferative disease: is cryobiopsy enough?** Venerino Poletti (Forlì, Italy)
09:15	**Discussion and Q&A** Speaker to be confirmed

7A Session 09:15 - 10:00

Guidelines session: Diagnosis of Primary Ciliary Dyskinesia
ERS/ATS clinical practice guideline

Aims : The aims of this session will be to cover:
The impact of a diagnosis of primary ciliary dyskinesia on management
The impact of a diagnosis of primary ciliary dyskinesia for patients
Who to refer for diagnostic testing
Genetic testing and transmission electron microscopy to confirm a diagnosis
Evidence for use of adjunct tests in PCD diagnosis (high speed video microscopy, immunofluorescence, nasal Nitric Oxide)
Strategies for diagnostic testing in a resource limited setting
Unmet needs and future directions

Disease(s) : Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology | Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational)

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Myrofora Goutaki (Bern, Switzerland), Chiara Premuda (Palermo, Italy)

09:15	**What is Primary ciliary dyskinesia and why make the diagnosis** Amelia Shoemark (Dundee (Angus), United Kingdom)
09:30	**Presentation of the joint ERS/ATS diagnostic guideline** Amjad Horani (St. Louis, United States)
09:45	**Discussion and Q&A** Amelia Shoemark (Dundee (Angus), United Kingdom), Amjad Horani (St. Louis, United States), James D. Chalmers (Dundee (Angus), United Kingdom), Speaker to be confirmed

Amtrium Session 09:30 - 10:45

Oral presentation: Transformations in cystic fibrosis: from structural lung changes to systemic implications of modulator therapy

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology | Physiology | Pulmonary function testing | Epidemiology | Imaging | General respiratory patient care

Chairs : Bülent Taner Karadag (Istanbul, Turkey)

Lung Clearance Index trajectories in Australian children with Cystic Fibrosis
Tamara Blake (South Brisbane, Australia), Brett Dyer, Paul Robinson, Peter Sly

Long-term non-pulmonary outcomes of Elaxacaftor-Tezacaftor-Ivacaftor (ETI) in pwCF
Andreas Jung (Winterthur, Switzerland), Srdjan J. Micic, Eugènie Collaud, Anna Zolin

Three-year adherence to elexacaftor/tezacaftor/ivacaftor in people with cystic fibrosis
Carina M.E. Hansen (Groningen, Netherlands), Badr Zendaky, Patricia Van Den Bemt, Annelies Zwitserloot, Job Van Boven

CFTR modulators and MRSA in real-world practice: A three-group perspective
CEREN AYÇA YILDIZ (İstanbul, Turkey), Merve Selçuk Balci, Şeyda Karabulut, Neval Metin Çakar, Müge Merve Akkitap Yiğit, Eda Esra Baysal, Fulya Özdemircioğlu, Büşra Özgünay, Emre Uğurlu, Burcu Uzunoğlu, Gamze Taştan, Almala Pinar Ergenekon, Ela Erdem Eralp, Yasemin Gökdemir, Fazilet Karakoç, Bülent Karadağ

Feasibility of routine sputum induction in the era of Elexacaftor/Tezacaftor/Ivacaftor therapy: A real-world single-centre experience
Teresa Fuchs (Innsbruck, Austria), Johannes Eder, Katharina Niedermayr, Ingrid Geißler, Alexandra Nöstlinger, Theresa Grinschgl-Leis, Olivia Eberharter, Helmut Ellemunter, Dorothea Appelt

The interactions between respiratory viruses, the airway microbiome, and immune response during pulmonary exacerbations in young children with cystic fibrosis
Joke Bastiaenssen (Antwerpen, Belgium), Eline Cauwenberghs, Nathalie Jouret, Peter Delputte, Stijn Verhulst, Sarah Lebeer, Ilke De Boeck, Irina Spacova, Kim Van Hoorenbeeck

Structural lung abnormalities in children and adults with cystic fibrosis after ETI using AI automated algorithms
Pranali Raut (Rotterdam, Netherlands), Hettie M. Janssens, Pier Ciet, Lieke Kamphuis, Marleen Bakker, Harm Tiddens, Daan Caudri

Fetal Exposure and Lens-Related Ocular Changes Following In-Utero Administration of Elexacaftor/Tezacaftor/Ivacaftor in a Rat Model
Elena Schneider (Parkville (VIC), Australia), Danni Li, Yimin Zhu, Mark Habgood, Holly Chinnery

A comparison of cardiopulmonary exercise testing in children with cystic fibrosis in the pre and post modulator therapy era
Amy Hunt (Glasgow, United Kingdom), Colleen Carden, Ross Langley, Philip Davies, Louis Thomson, Anne Devenny, Paul Burns

Elicium 1 Session 09:30 - 10:45

Oral presentation: Best abstracts in clinical problems

Disease(s) : Airway diseases Thoracic oncology Respiratory critical care

Method(s) : Palliative care Physiology General respiratory patient care Endoscopy and interventional pulmonology Epidemiology Pulmonary function testing Cell and molecular biology

Chairs : Nicoletta R. Morelli (The Hague, Netherlands), Chair to be confirmed

Integrative multi-omics analysis identifies genetically supported inflammatory-related drivers of chronic obstructive pulmonary disease risk
Ye Lu (Shenyang, China), Qin Zhang, Mingming Deng, Liang Zou, Yi Chen, Xiaoming Zhou, Gang Hou

Development and Validation of a Resting Respiratory Flow Analyzer as an Alternative to Spirometry
Tsunenori Takatani (Kashihara City , Nara, Japan), Motoo Yamauchi, Yoshinori Toshioka, Shigeru Muro

Relationship of Dickkopf-1 with endothelial dysfunction in bronchiectasis
Yangli Liu (Guangzhou, China), Fengjia Chen, Yubiao Guo, Zhimin Zeng

Genetic Susceptibility to Causal Relationship between Antidiabetic Drugs and Respiratory Infection Susceptibility in Diabetes
Zhenchao Wu (Beijing, China), Taikang Yao, Nan Wu, Zilu Wang, Zhongyu Han, Jiajia Zheng, Beibei Liu, Yi Liu, Ning Shen

Role of multiplex respiratory panel and procalcitonin in reducing antibiotic use for acute COPD exacerbations: a retrospective cohort study
Loïc de Oliveira-Sicard (Montreal, Canada), Bruno-Pierre Dubé

Comparison of 1.1mm and 1.7mm cryoprobes in transbronchial mediastinal cryobiopsy: a randomized clinical trial
Ye Fan (Chongqing, China), Yu Zhang, Wan-Lei Fu, Zan-Sheng Huang, Ren-Hai Zhong, Felix J.F. Herth

Efficacy and Pharmacokinetics of the Blonanserin Transdermal Patch in Terminal-Stage Respiratory Diseases: Insights from a Clinical Study
Katsutoshi Ando (Meguro, Japan), Ayumi Suzuki, Hiroki Yoshida

Identifying clinical phenotypes in alpha-1 antitrypsin deficiency (AATD) using clustering on data from the European Alpha-1 Research Collaboration (EARCO)
Anse Somers (Leuven, Belgium), Kenneth Verstraete, Ella Demesmaeker, Wim Janssens, Stephanie Everaerts

Effects of PDE4 inhibitors on exacerbations and pulmonary function in COPD patients with bronchiectasis
Jae-Kyeong Lee (Gwangju, Republic of Korea), Chang Seok Yoon, Bo-Gun Kho, Hong-Joon Shin, Yong-Soo Kwon, Yu-Il Kim, Sung-Chul Lim, Tae-Ok Kim

3A Session 09:30 - 10:45

Oral presentation: Transitioning from basic science to translational research in sleep-disordered breathing

Disease(s) : Sleep and breathing disorders Pulmonary vascular diseases

Method(s) : Cell and molecular biology Public health Epidemiology Physiology Pulmonary function testing General respiratory patient care

Chairs : Elisa Perger (Milano, Italy), Chair to be confirmed

Post-stroke sleep apnea: the effect of intermittent hypoxia on cerebrovascular recovery
Anne Briançon-Marjollet (Grenoble Cedex 9, France), Bayan El Amine, Benjamin Lemasson, Marc-Adrien Reveyaz, Nora Collomb, Emeline Lemarié, Antoine Boutin-Paradis, Sophie Bouyon, Claire Rome

The relationship between inspiratory area under the curve in spirometry and sleep apnea in children
Nilgun Kula (Ankara, Turkey), Tugba Sismanlar Eyuboglu, Ayse Tana Aslan, Ali Bugra Cetinkaya, Handan Kekec, Ugur Ozcan, Volkan Medeni, Kemal Yıldırım

Impact Of Obstructive Sleep Apnoea and Its Severity On The Mechanisms Of Aortic Valve Atherosclerosis
Perrine Petit (Grenoble, France), Fahd Bennani, Emeline Lemarié, Marie Destors, Sébastien Baillieul, Van Ngo, Olivier Chavanon, Jean-Louis Pépin, Anne Briançon-Marjollet, Renaud Tamisier

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Effects of nocturnal periodic breathing on sympathetic nerve activity and ventilatory control at high altitude: a randomised, placebo-controlled, crossover study
Johanna Roche (Bolzano, Italy), James Fisher, Peter Rasmussen, Abubaker Ibrahim, Philip Ainslie, Rachel Turner, Giovanni Vinetti, Matteo Cesari, Michael Furian, Ambra Stefani, Nikolaus Netzer, Hannes Gatterer, Birgit Högl, Christoph Siebenmann

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Residual perfusion defects in pulmonary embolism: the contribution of obstructive sleep apnea and miRNA expression (NIX study)
Carlos Carrera Cueva (Sevilla, Spain), Miquel Gratacós I Aurich, Olga Tura Ceide, Verónica Sánchez López, Noelia Sola Idigora, María Dolores Nuñez Ollero, Aldara García Sánchez, Irene Cano Pumarega, Amaia Urrutia Gajate, Valentín Cabriada Nuño, Agustina Rivas Guerrero, Jeisson Osorio Trujillo, David Hervás Marín, Candelaria Caballero Eraso, Remedios Otero Candelera

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Residual Excessive Daytime Sleepiness in Patients with Obstructive Sleep Apnoea treated with Continuous Positive Airway Pressure: A Meta-Analysis
Ahmed Almaghrabi (London, United Kingdom), Asim Madkhali, Mohammed Alkhathami, Cheng Zhang, Abdulaziz Alsharifi, Gerrard F Rafferty, Joerg Steier

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Relationship Between Obstructive Sleep Apnea and Insulin Resistance in Obese Children
Birce Sunman (Ankara, Turkey), Didem Alboga, Meltem Akgül Erdal, Havva Ipek Demir, Burcu Şenkalfa, Doğuş Vurallı, Nagehan Emiralioğlu Ordukaya, Elmas Nazlı Gönç, Zeynep Alev Özön, Ebru Yalçın, Deniz Doğru, Uğur Özçelik

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Night-to-night variability in Apnoea-Hypopnoea Index: Implications for Obstructive Sleep Apnoea diagnosis
Sam Johnson (Durham, United Kingdom), Hector Romero, Philip Gillespie, Richard Wiffen, Ari Manuel, Matthew Palethorpe, Miche De Meyer, Ning Ma, Guy J Brown

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Sex-Specific Metabolic and Behavioral Consequences of Obesity and Intermittent Hypoxia in a Murine OSA Model
Mohammad Badran (Columbia, United States), David Gozal

Forum Session 09:30 - 10:45

Oral presentation: Breakthroughs in airway disease therapeutics: beyond biologics

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology General respiratory patient care Pulmonary function testing

Chairs : Matteo Bonini (Rome, Italy)

TETRIS: A 24-month, prospective study to observe clinical outcomes in COPD patients with different treatment journeys in Germany
Gernot G.U. Rohde (Frankfurt am Main, Germany), Claus F. Vogelmeier, Jing Claussen, Peter Kardos, Kai-Michael Beeh, Henrik Watz, Bernd Westermayer

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Gene modules linked to ICS-induced lung function improvement in COPD: Insights from the GLUCOLD study
Jing Zhang (Groningen, Netherlands), Maarten Van Den Berge, Corry-Anke Brandsma, Wim Timens, Alen Faiz, Machteld N. Hylkema, Maaike De Vries

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Effect of mucoactive drugs on immunological parameters in patients with stable COPD
Dmytro Dobrianskyi (Kyiv, Ukraine), Nina Kuzmenko, Galyna Gumeniuk, Oleh Iaremenko

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Ensifentrine synergistically relaxes hyperreactive human bronchi from COPD donors in combination with ICS, LABA, and LAMA
Paola Rogliani (Roma (RM), Italy), Shima Gholamalishahi, Tara Rheault, Luigino Calzetta

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Impact of inhaled triple therapy on symptomatic tobacco-exposed individuals with normal spirometry
Anna Salina (Riga, Latvia), Maria Pascarella, Leticia Grize, Andrei M. Darie, Kathleen Jahn, Werner Strobel, Andreas Hoheisel, Eleni Papakonstantinou, Vera D. Sollberger, Vera D. Sollberger, Aivars Lejnieks, Aivars Lejnieks, Janwillem Wh Kocks, Janwillem Wh Kocks, Janwillem Wh Kocks, Janwillem Wh Kocks, Michael Tamm, Michael Tamm, Philipp Latzin, Mario Cazzola, Medea Imboden, Medea Imboden, Nicole Probst-Hensch, Nicole Probst-Hensch, Daiana Stolz, Daiana Stolz

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Ex-vivo efficacy of tanimilast in human COPD-derived Precision Cut Lung Slices (PCLS)
Elena Tantillo (Parma, Italy), Ben Barksby, Luke Patterson, Silvia Siragusa, Maria Giulia Gualandri, Giulia Natali, Andrew Fisher, Maurizio Civelli, Gino Villetti, Marcello Trevisani, Lee Borthwick, Silvia Pontis

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Relationship between repeated sputum and blood eosinophil counts in COPD.
Augusta Beech (Manchester, United Kingdom), Andrew Higham, Danen Cunoosamy, Jennifer A Dewhurst, Xavier Soler, Dave Singh

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The effect of heme and bacteria on endothelial barrier function in COPD.
James Baker (MANCHESTER, United Kingdom), Maisie Wilcox, Hridika Deka, Simon Lea, Dave Singh

Developing low carbon salbutamol MDI: assessment of relative bioavailability of salbutamol with propellant HFA-152a
Christer Janson (Uppsala, Sweden), Laura Clow, Maximilian Plank, Dave Singh, David Slade, Stephen Weng, Sebastian Moreira

3B Session 09:30 - 10:45

Oral presentation: Nursing role in global respiratory health

Disease(s) : Airway diseases | Thoracic oncology | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Epidemiology | Public health

Chairs : José Miguel dos Santos Castro Padilha (Porto, Portugal), Chair to be confirmed

Quality of life decline in Pseudomonas aeruginosa-colonized bronchiectasis: A longitudinal nursing perspective
Leticia Bueno Freire (Barcelona, Spain), Victoria Alcaraz-Serrano, Patricia Oscanoa, Rubén López-Aladid, Nil Vázquez, Adrián Ceccato, Roberto Cabrera, Nestor Soler, Rosanel Amaro, Laia Fernández-Barat*, Antoni Torres*

Empowering Rehabilitation Nursing in Chronic Respiratory Care: A Path to Reduced Hospitalisations
Liliana Silva (Matosinhos, Portugal), Hélder Cunha

The Impact of COPD Knowledge on Symptom Severity, Quality of Life, and Inhaler Technique
Maria Granados Santiago (Alcaudete, Spain), Eva Rubio Calvo, Pilar García González, Lourdes Rodríguez Castro, Oriana Denise Strilinsky Pérez, Laura López López, Marie Carmen Valenza

Pulmonary Rehabilitation Intervention to Maintain Exercise Behavior (PRIMEb): A 1-Year intervention to maintain Pulmonary Rehabilitation benefits in COPD patients
Duarte Pinto (Matosinhos, Portugal), Raquel Marques, Maria Joãp Mar, Ana Carvalho, Sónia Rocha, Nuno Macedo, Paulino Sousa, Paulo Machado, Miguel Padilha

Are self-management digital interventions effective in improving health-related outcomes in patients with COPD? An umbrella review
Ricardo Salgado (Lausanne, Switzerland), Hugo Fernandes, Véronique De Goumoëns, Blanche Kiszio, Patrício Costa, Philippe Delmas, Miguel Padilha

Nursing rehabilitation program to patients who underwent surgical lung resection
Maria Loureiro (coimbra, Portugal), João Duarte, Sérgio Vaz, Rita Lopes, André Novo

Improving Satisfaction in Pulmonary Fibrosis Patients and Caregivers: The Impact of Tele-nursing
Mireia Baiges Badia (Granollers, Spain), David Iglesias, Marta Jiménez, Yolanda Galea, Marina Clarambo, Laura Lahuerta, Pilar Ortega, Jaume Bordas Martinez

Preliminary results on physical activity levels of a short-term integrated movement enhancement intervention for people with newly pulmonary embolism: a randomized controlled trial
Julia Raya Benitez (Granada, Spain), Ana Belén Gámiz Molina, Pilar García González, Raquel Galisteo Panadero, Oriana Denise Strilinsky Pérez, Marie Carmen Valenza

Global asthma self-management education interventions and asthma control in primary care: a systematic review.
Joanne Walsh (Dublin, Ireland), Tom O'Connor, Bridget Murray, Chanel Watson

Studio Session 10:00 - 10:25

Experts interview: Challenging physiology: diaphragmatic dysfunction in the respiratory failure

Chairs : Lieuwe D.J. Bos (Amsterdam, Netherlands), Eleonora Volpato (Milano (MI), Italy), Chair to be confirmed

10:00 **Challenging physiology: diaphragmatic dysfunction in the respiratory failure**
Leo Heunks (Nijmegen, Netherlands)

10:15 **Discussion and Q&A**
Leo Heunks (Nijmegen, Netherlands), SILVINA CANCIO (madrid, Spain)

5C Session 10:15 - 11:45

Symposium: Repairing the lung: from single cells and tissue organisation to regenerative therapy
Lung Science Conference 2025 session

Aims : To present the highlights of the Lung Science Conference 2025, held in Estoril in March 2025, which focused on mechanisms of lung repair: from single cells and tissue organisation to regenerative therapy, including translating to patient care.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : Cell and molecular biology | Physiology

Tag(s) : Translational

Target audience : Clinical researcher, Medical Student, Physiologist, Scientist (basic, translational)

Chairs : Silke Meiners (Sülfeld, Germany), Didier Cataldo (Liege, Belgium), Sara Cuevas Ocaña (Cambridge, United Kingdom)

10:15	**Coordinated healing: heterotypic cellular interactions in lung injury and repair** Ana Pardo Saganta (Giessen, Germany)
10:30	**Human organoids reveal inflammation-mediated effects on alveolar epithelial regeneration** Antonella Dost (Utrecht, Netherlands)
10:45	**Translation in regenerative therapies: the use of stem cells** Speaker to be confirmed
11:00	**Effects of second hand cigarette smoke exposure on alveolarization in C57BL/6J mice pups** Thalles de Freitas Castro (Créteil, France)
11:15	**DIscussion and Q&A** Speaker to be confirmed

5D Session 10:15 - 11:45

Symposium: Education in Thoracic Ultrasound
Yernault lecture

Aims : The aims of the session on "Education in Thoracic Ultrasound" is to provide the participants with stare-of-art overviews of:
- Evidence based medicial education
- Evidence based training in thoracic ultrasound
- Thoracic ultrasond - pleura
- Thoracic ultrasound - lung

Disease(s) : Respiratory critical care | Respiratory infections | Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology | General respiratory patient care | Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physician in Pulmonary Training, Radiologist, Thoracic surgeon

Chairs : Sara Piciucchi (Forlì, Italy), Konstantina Kontogianni (Heidelberg, Germany)

10:15	**Evidence based Medical Education**
10:30	**Evidence based training in Thoracic Ultrasound** Speaker to be confirmed
10:45	**State-of-the art Thoracic Ultrasound – Pleura** Speaker to be confirmed
11:00	**State-of-the art Thoracic Ultrasound – Lung** Christian Borbjerg Laursen (Odense M, Denmark)
11:15	**Discussion and Q&A** Speaker to be confirmed

Elicium 2 Session 10:15 - 11:45

Symposium: Chronic obstructive pulmonary disease and type 2 inflammation: is it really a treatable trait?

Aims : to discuss the recent findings on type 2 (T2) inflammation in chronic obstructive pulmonary disease (COPD); to explore the future of therapeutic development of T2 immune modulators in COPD.

Disease(s) : Airway diseases | Respiratory critical care | Respiratory infections

Method(s) : Cell and molecular biology | Epidemiology | Imaging

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Francesca Polverino (Houston, United States), Augusta Beech (Manchester, United Kingdom), Apostolos Bossios (Stockholm, Sweden)

10:15	**COPD: pathobiological features supporting the case for a T2 trait** Carlos Cabrera Lopez (Las Palmas de Gran Canaria, Spain)
10:30	**Eosinophilic COPD: is it just asthma? Evidence from the clinic and trials** Johann Christian Virchow (Rostock, Germany)
10:45	**Beyond eosinophils and T2: conventional culprits and targets in COPD biology** Hsiao-Chi Chuang (Taipei, Taiwan)
11:00	**Current and future therapeutic targets in COPD: insights from clinical trials** Mona Bafadhel (London, United Kingdom)
11:15	**Discussion and Q&A** Speaker to be confirmed

7A Session 10:15 - 11:45

Journal session: The best of the European Respiratory Journal in 2025

Aims : to highlight the key studies published in the European Respiratory Journal (ERJ) in 2024–2025 in the fields of pulmonary vascular disease, interstitial lung disease, paediatrics and airway diseases.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : General respiratory patient care | Public health

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Scientist (basic, translational), Respiratory therapist

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Myrofora Goutaki (Bern, Switzerland), Chiara Premuda (Palermo, Italy)

10:15	**The best of the ERJ: pulmonary vascular diseases** Marc Humbert (Le Kremlin-Bicêtre, France)
10:30	**The best of the ERJ: interstitial lung disease** Marlies S. Wijsenbeek (Rotterdam, Netherlands)
10:45	**The best of the ERJ: paediatric pulmonology** Claudia E. Kuehni (Bern, Switzerland)
11:00	**The best of the ERJ: airway diseases** Donald Sin (Vancouver (BC), Canada)
11:15	**Discussion and Q&A** Speaker to be confirmed

5A Session 10:15 - 11:45

Clinical cases: Lungs on fire: Lung cancer?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Thoracic oncology

Tag(s) : Clinical

Chairs : Wouter H. van Geffen (Leeuwarden, Netherlands), Marcello Migliore (Catania, Italy), Andriani Charpidou (Athens, Greece)

Discussants : Najib M. Rahman (Oxford, United Kingdom), Anne Olland (Strasbourg, France)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: E. Buck (United Kingdom)** Anne Olland (Strasbourg, France)
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: S. Kette (United Kingdom)** Najib M. Rahman (Oxford, United Kingdom)

10:59	**Case 3 incl. panel discussion and Q&A - Submitter: C. Zhang (China)** Anne Olland (Strasbourg, France)
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: N. Aharoni (Israel)** Najib M. Rahman (Oxford, United Kingdom)

Auditorium — Session — 10:15 - 11:45

Clinical cases: Lungs on fire: Interstitial lung diseases?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Interstitial lung diseases

Tag(s) : Clinical

Chairs : Nazia Chaudhuri (Limavady, United Kingdom), Wim A. Wuyts (Leuven, Belgium), Michael Kreuter (Mainz, Germany)

Discussants : Pilar Rivera Ortega (Exeter, United Kingdom), Vincent Cottin (Lyon, France)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: R.M. Añorve De la O (Mexico)** Pilar Rivera Ortega (Exeter, United Kingdom)
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: A.C. Perez Figuera (Spain)** Vincent Cottin (Lyon, France)
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: A.L. Fonseca (Switzerland)** Pilar Rivera Ortega (Exeter, United Kingdom)
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: A. Tavares JR (United States of America)** Vincent Cottin (Lyon, France)

Studio — Session — 10:25 - 10:50

Experts interview: Transforming Respiratory Care: Digital Innovations in Mental Health

Chairs : Lieuwe D.J. Bos (Amsterdam, Netherlands), Eleonora Volpato (Milano (MI), Italy), Chair to be confirmed

10:25	**Transforming Respiratory Care: Digital Innovations in Mental Health** SILVINA CANCIO (madrid, Spain)
10:40	**Discussion and Q&A** SILVINA CANCIO (madrid, Spain)

G104/105 — Session — 10:40 - 13:00

Skills workshop: SW9 SW9 - Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion

Additional registration is required for this session.

Aims : This skills workshop will help attendees gain the technical expertise needed to perform spirometry, whole body plethysmography and diffusion test according to both best practice and the latest recommendations that are supported by experts in the field; to understand the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and diffusion capacity of the lungs; and to learn about the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases, Paediatric respiratory diseases

Chairs : Kathryn Ramsey (Perth (WA), Australia)

10:40	**Performing Spirometry** Jana Kivastik (Tartu, Estonia)
10:40	**Standardised static lung volume measurement and airways resistance using whole body plethysmography** Matthew Rutter (Cambridge (Cambridgeshire), United Kingdom)
10:40	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Monique Wapenaar - De Korver (Vlaardingen, Netherlands)
10:40	**Reporting and interpretation of case studies** Maximillian Thomas (Birmingham, United Kingdom)

G106/107 Session 10:40 - 13:00

Skills workshop: SW11 SW11: Practical pulmonary hypertension

Additional registration is required for this session.

Aims : to develop a practical approach for investigating and diagnosing pulmonary hypertension; to develop a systematic approach for interpreting radiological investigations; to discuss the four main echo views and important features of pulmonary hypertension on echocardiography, including hands-on experience with pulmonary hypertension patients and healthy volunteers; to discuss the pathological changes associated with different forms of pulmonary hypertension and how these translate into clinical phenotypes; to discuss right heart catheterisation and how to incorporate clinical, radiological and haemodynamic features in order to make the correct diagnosis.

Disease(s) : Pulmonary vascular diseases

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Respiratory critical care physician, Pathologist, Physician in Pulmonary Training, Radiologist

Chairs : Robin Condliffe (Sheffield (South Yorkshire), United Kingdom)

10:40	**Radiological assessment of pulmonary hypertension** Lilian Meijboom (Amsterdam, Netherlands)
10:40	**Pathological assessment of pulmonary hypertension** Peter Dorfmüller (Giessen, Germany)
10:40	**Echocardiography in pulmonary hypertension** Marielle van de Veerdonk (Amsterdam, Netherlands)
10:40	**Clinical assessment of pulmonary hypertension** Esther Nossent (Amsterdam, Netherlands)

Forum Session 11:00 - 12:15

Oral presentation: Oral session from the critical care group

Disease(s) : Respiratory critical care

Method(s) : Respiratory intensive care Epidemiology Public health Cell and molecular biology General respiratory patient care

Chairs : Ana Cysneiros (Lisboa, Portugal)

Sex-Specific Differences in Risk Factors and Outcomes for Long-Term Mechanical Ventilation: A Longitudinal Cohort Analysis of Claims Data
Franziska Trudzinski (Heidelberg, Germany), Benjamin Neetz, Jana Dahlhoff, Philipp Höger, Axel Kempa, Claus Neurohr, Armin Schneider, Felix Jf Herth, Biljana Joves, Joachim Szecsenyi, Elena Biehler, Thomas Fleischauer, Janina Schubert-Haack, Thomas Grobe, Timm Frerk

Comparative study of Interventions in ICU as HFNC (high flow nasal canula) combined with NIV (non-invasive ventilation) versus HFNC alone in community acquired pneumonia (CAP): A multicenter experience
Shital Vishnu Patil (Latur (Maharashtra), India), Ashok Bansode, Sanidhaya Tak, Swati Narwade, Ganesh Narwade, Gajanan Gondhali, Ashok Kuwal

Comparison of Guiding Sedation Level by Respiratory Effort Versus Usual Care in Mechanically Ventilated Patients: A Randomized Controlled Trial.
Touchapong taksinwarajarn (bangkok, Thailand)

Switching from Controlled to Assisted Mechanical Ventilation: a Multi-center Retrospective study (SWITCH)
Annemijn Jonkman (Rotterdam, Netherlands), Jim Smit, Jasper Van Bommel, Diederik Gommers, Marcel Reinders, Michel Van Genderen, Jesse Krijthe

The STREPSIS study – therapeutic plasma exchange alleviates 90d-ICU mortality in patients with severe streptococcus-related septic shock
Jannik Ruwisch (Hannover, Germany), Thorben Pape, Lennard C. Wild, Alix Buhlmann, Daniel Andrea Hoffmänner, Emily Winter, Jakob Raith, Pedro Wendel Garcia, Konrad Peukert, Heiko Schenk, Christian Bode, Sascha David, Klaus Stahl, Ben Seeliger

Establishment of Prognostic Models for Severe Community-Acquired Pneumonia, a Prospective, Multicenter, Cohort study
Yijie Liu (Beijing, China), Xiaojing Wu, Qingyuan Zhan

Effect of Nebulized Antibiotics on the Decannulation Process in Tracheostomized Patients in an Intermediate Respiratory Care Unit (IRCU)
Sergio Lopez Ruz (Sevilla, Spain), Paula Otero Chamoso, Andrea Sanchez Alonso, Carlos Carrera Cueva, Maria Barca Hernando, Demetrio González Vergara

Public perceptions of participation in trials in the intensive care unit: an ERS Clinical Research Collaboration international cross-sectional survey across 13 countries
Leanne Hays (Dublin, Ireland), Alex Sherry, Attia Fatima, Kate Ainscough, Aidan Burrell, Nina Gobat, Arishay Hussaini, Kazuaki Jindai, Niamh Mahon, Anne Mckenzie, Emma Ridley, Hiroki Saito, Timo Tolppa, Djillali Annane, Abi Beane, Lieuwe Bos, Andrew Boyle, Kathy Brickell, Frank Brunkhorst, Lewis Campbell, Peter Doran, Marie Galligan, Rashan Haniffa, Madiha Hashmi, Marjolein Hensgens, Nao Ichihara, Monika Kerckhoffs, Sabin Koirala, Radhika Maharjan, Colin J Mcarthur, Paul Mouncey, Rachael Parke, Jane Parker, Kathryn Rowan, Ian Seppelt, Fiona Toal, Cameron Green, Lennie Derde, Anthony Gordon, Srinivas Murthy, John Marshall, Steve Webb, I Icc-Ppi Group, Daniel Mcauley, Alistair Nichol

Bedside prospective identification of ARDS subphenotypes: a multicentre study - an ERS Clinical Research Collaboration
Kiran Reddy (Lisburn, United Kingdom), Cecilia O'Kane, David Antcliffe, Cliona Mcdowell, Pauline Bradley, Laura Black, Lynn Murphy, Manu Shankar-Hari, Anthony Gordon, Murali Shyamsundar, Kevin Delucchi, Pratik Sinha, Carolyn Calfee, Daniel Mcauley

Elicium 1 Session 11:00 - 12:15

Oral presentation: Tuberculosis and non-tuberculous mycobacterial diseases: challenges of diagnostics and management

Method(s) : Imaging Epidemiology Public health Cell and molecular biology General respiratory patient care Pulmonary function testing Pulmonary rehabilitation

Chairs : Olha Konstantynovska (Kharkiv, Ukraine), Chair to be confirmed

Diagnosis and treatment of articular TB: An East London case series
Bruno Tanushi (London, United Kingdom), Aris Alexiadis, Rebekah Merriman, Kubra Boza, Akanksha Mimi Malhotra, Veronica White, Heinke Kunst

One-month rifapentine plus isoniazid for latent tuberculosis: less is more?
Joana Filipe Marques Simões (Lisboa, Portugal), Luís Coelho

Tuberculosis during JAK inhibitors therapy, a WHO pharmacovigilance database study
Thomas Maitre (Paris, France), Kevin Bihan, Nicolas Veziris, Cendrine Godet, Antoine Parrot, Michel Djibre, Benedicte Lebrun-Vignes, Jacques Cadranel

Impact of climate and urbanization on NTM infections: an Italian nationwide case-control study
Paola Faverio (Limbiate (MI), Italy), Lorenzo Del Castello, Maura Spotti, Paola Rebora, Enrico Maggioni, Raffaele Salerno, Alessandro Perotto, Fabrizio Luppi, Francesco Bertuccio, Stefania Reale, Valentina Fornari, Filippo Gozzi, Bianca Granozzi, Federico Dente, Francesca Mariotti, Jacopo Simonetti, Gina Gualano, Niccolò Riccardi, Maurizio Ferrarese, Luigi Codecasa, Giovanni Sotgiu, Andrea Gori, Andrea Gramegna, Margherita Ori, Edoardo Simonetta, Francesco Blasi, Stefano Aliberti

Tigecycline dry powder inhalation to cure Mycobacterium abscessus lung disease: a dose finding study
Jakko van Ingen (Nijmegen, Netherlands), Jelmer Raaijmakers, Simon Koele, Rob Ter Heine, Rob Aarnoutse, Wouter Hoefsloot

PET-CT features predict progression from subclinical TB to symptomatic TB disease, but interferon gamma release assays do not
Jane Shaw (Cape Town (Cape), South Africa), Andriette Hiemstra, Stephanus T Malherbe, Kevin Urdahl, Dave Lewinsohn, Nelita Du Plessis, Gerhard Walzl

Persistent respiratory symptoms and increased reactance among successfully treated Australian TB survivors compared to healthy controls.
Anthony Byrne (Allambie Heights, Australia), Yasmeen Al-Hindawi, Standish Rigava, Usama Mohamed, Breman Janarthanan, Alexander Brennan, Marshall Plit, Sean Mungovan, Meredith King

Measuring post-tuberculosis lung disease treatment efficacy: The need for standardised outcomes in clinical research
Maria Puthoor (LIVERPOOL, United Kingdom), Brian Allwood, Rebecca Nightingale

Nanopore targeted sequencing for the detection of drug-resistant tuberculosis compared to standard of care drug susceptibility testing in Kyrgyzstan
Edine Tiemersma (Den Haag, Netherlands), Aizat Kulzhabaeva, Altyn Iskakova, Gulbarchyn Saparova, Fatima Tilekova, Bakyt Myrzaliev, Muratbek Ahmatov, Aiymgul Duishekeeva, Ainur Soorombaeva, Atyrkul Toktogonova, Meerim Sydykova, Andrii Slyzkyi, Abdullaat Kadyrov, Gulmira Kalmambetova, Kristin Kremer

Amtrium Session 11:00 - 12:15

Oral presentation: Infection, inflammation and innovation: new frontiers in paediatric respiratory health

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Public health

Chairs : Chair to be confirmed

Primary ciliary dyskinesia (PCD) patients with variants in dynein arm assembly factor genes may present with normal functional tests: a diagnostic challenge resolved by air-liquid interface (ALI) culture.
Janice Coles (Southampton (Hampshire), United Kingdom), Claire L Jackson, Gemma Fryatt, Regan Doherty, James Thompson, Patricia Goggin, David Hunt, N. Simon Thomas, Woolf T Walker, Jane S Lucas

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Comparison of Lower Airway Sampling Strategies in Children with Protracted Bacterial Bronchitis (CLASSIC-PBB)
Francis Gilchrist (Stoke-on-Trent (Stafforshire), United Kingdom), Mathew Aspey, Zoe Baker, Robert Bowler, Malcolm Brodlie, Desai Seema, Caroline Harris, Emily Hinton, Hermant Kulkarni, Simon Lea, Aviva Ogbolosingha, Ian Sinha, Ivonne Solis-Trapala, Joanne Stock, William Carroll

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Genomic epidemiology of the macrolide resistant Mycoplasma pneumoniae outbreak in China, 2023
Chao Yan (Beijing, China), Jinghua Cui, Hanqing Zhao, Guanhua Xue, Yanling Feng, Jing Yuan

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Epigenetic signatures of severe RSV infection in infants: evidence from non-invasive saliva samples
Sara Pischedda (Santiago de Compostela, Spain), Alberto Gómez-Carballa, Irene Rivero-Calle, Ana Isabel Dacosta Urbieta, Antonio Salas, Federico Martinón Torres

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A paradigm shift in post-bronchiolitis recurrent wheezing: the dual impact of COVID-19 and Nirsevimab
Maria Teresa Romero Rubio (Valencia, Spain), Yolanda Mañes Jiménez, María Sinisterra Pérez, Elena Lucas Sáez, Blanca Garrido García, Esther Marín Alfonso, Juan Carlos Jurado Portero, Inés Costa Alcacer

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A novel antiviral treatment that eliminates human metapneumovirus in human airway epithelial cells
Ivana Daniels (Indianapolis, United States), Jessica Saunders, Laura Smith, Andrew Lunel, Taiya Edwards, Benjamin Gaston, Michael Davis

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Severe Mycoplasma pneumoniae Pneumonia and Mental Health Disorders in Adolescents: A Population-Matched Cohort Study With 18-Year Follow-Up From Birth
Eun Kyo Ha (Seongnam, Republic of Korea), Ju Hee Kim, Jiwon Shin, Ha Na Yoo, Boeun Han, Man Yong Han

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Identification of Drug Resistance Patterns and Genotypic Variations in Pediatric Tuberculosis Patients
Sushma Yadav (Gwalior, India), Parul Jain, Surya Kant, Amita Jain, Rashmi Ratnam, Manu Singh, Urmila Singh

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Acute Respiratory Infection Control Program: A case from Nepal
Prabin Shrestha (Kathmandu, Nepal)

Prophylactic Antibiotics to prevent chest infections in children with neurological impairment (PARROT): A randomised controlled trial
Amy Nuttall (Liverpool, United Kingdom), Paul Mcnamara, Ashley Jones, Anne Chang, Anne Cook, Kylie Crompton, Sepideh Dehghani, Helen Eccleson, Jo Fothergill, Jonathan Grigg, Paul Gringras, Adrienne Harvey, Michelle Heys, Helen Hickey, Dyfrig Hughes, Gabrielle Mccallum

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3B Session 11:00 - 12:15

Oral presentation: Translating in the “omics” milky way of lung cancer

Disease(s) : Thoracic oncology Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Surgery

Chairs : Torsten Gerriet Blum (Berlin, Germany)

Establishment of a mouse model to investigate the therapeutic potential of focal adhesion kinase inhibition in small cell lung cancer
Céline Decouvreur (Bruxelles, Belgium), Marylène Lecocq, Frank Aboubakar Nana, Sebahat Ocak

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Identification of the phosphoproteome downstream of focal adhesion kinase inhibition in small cell lung cancer
Céline Decouvreur (Bruxelles, Belgium), Marylène Lecocq, Sébastien Pyr Dit Ruys, Laurent Gatto, Didier Vertommen, Frank Aboubakar Nana, Sebahat Ocak

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A Novel Flavonoid Derivative JW6 Suppresses Non-small Cell Lung Cancer Progression Via Activating Mitochondrial Apoptosis And Inhibiting PI3K/Akt/mTOR Pathway
Yuting Lin (Wenzhou City, China), Chengshui Chen

The new mechanism of targeted regulation of tumor angiogenesis by overexpressed miR - 197 - 3p in exosome s derived from lung adenocarcinoma
Wenhui Tang (Shenzhen, China)

Immunomodulatory properties of cancer-associated fibroblasts in non-small cell lung cancer: studies in a 3D lung tumor model
Janne Drews (Magdeburg, Germany), Carla Bever, Thorsten Walles, Cornelia Wiese-Rischke

Neutrophil Extracellular Traps promote the development of lung inflammation-cancer through FOS/AP-1 pathway
Tianfeng Peng (Hangzhou, China), Kaijun Chen, Fei Chen, Danruo Fang, Huaqiong Huang

Exploring the impact of the fibrotic microenvironment on lung tumors using a 3D multicellular spheroid model
Marina Tuxans Serrano (Badalona, Spain), Isabel Alfaya Fiaño, Paloma Millan-Billi, Maria Saigi, Raquel Guillamat Prats, Karina Portillo Carroz

Talaporfin-Mediated Photodynamic Therapy Enhances Antitumor Immunity via the ROS/HIF-1α/PD-L1 Pathway in Non-Small Cell Lung Cancer
Zhou Jin (Beijing, China), Junjun Huang, Wen Sun, Jiping Liao, Jing Ma, Guangfa Wang

Synergistic cytotoxic effects of BromAc® on non-small cell lung cancer cell lines.
David L. Morris (, Australia), Jain Camlina Jeganathan, Samina Badar, Javed Akhter, Mathew Eapen, Sarah J Valle

3A Session 11:00 - 12:15

Oral presentation: Psychological and behavioural dimensions of respiratory innovation

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : General respiratory patient care | Public health | Pulmonary rehabilitation | Pulmonary function testing

Chairs : Liz Steed (London, United Kingdom), Chair to be confirmed

Predictors of anxiety in patients awaiting pulmonology consultation
Baraa Ben Bdira (Sousse, Tunisia), Asma Knaz, Asma Omrane, Iteb Ben Limem, Salsebil Bouafia, Imen Gargouri, Sana Aissa, Ahmed Abdelghani

Podcasts as a tool to support patient participation in hospital consultations: An intervention study
Jannie Frølund (Vejle, Denmark), Anders Løkke, Hanne Irene Jensen, Flemming Skjøth, Helle Poulsen, Ingeborg Farver-Vestergaard

Impact of Illness Perceptions and Expectations on Adherence in Interstitial Lung Diseases: A Mixed-Methods Multicenter Study
Eleonora Volpato (Milano (MI), Italy), Agata Alba Maria Domenica Buscemi, Marco Mantero, Paolo Banfi

Examining SABA over-reliance in individuals with asthma
Holly Foot (Woolloongabba, Australia), Ruochen Ning, Pepa Bruce, Richard Beasley, Rob Horne, Amy Hai Yan Chan

Effects of an educational intervention for workplace related asthma self-management
Markus Hayden (Bad Reichenhall, Germany), Julia Salandi, Matthias Limbach, Gabriele Schwarzl, Wolfgang Neumeister, Adrian Loerbroks

Why we keep going: a qualitative study of the motivation and engagement among patients with COPD during a long-term danish tele-rehabilitation program
Maria Olsen (Næstved, Denmark), Christina Nielsen, Christina Emme, Nina Skavlan Godtfredsen, Henrik Hansen

The daily labour of living with chronic obstructive pulmonary disease (COPD): An ethnographic study
Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom), Kirsti Loughran, Alice Franklin, Caroline Fernandes-James, Joanne Symm, Andrew Fisher, Sophie Suri, Eileen Kaner, Denis Martin, Jamie Mcphee, Tim Rapley

Exploring the acceptability and usability of 'life-logging' methodology in respiratory research
Ingeborg Farver-Vestergaard (Vejle, Denmark), Sinué Salgado, Daniel Munkholm Møller, Lisbeth Skousen Svendsen, Ole Hilberg, Anders Løkke

Comparing Ecological Momentary Assessment and questionnaires for rating symptoms in patients with COPD
Banchia Palmen (Horn, Netherlands), Maarten Van Herck, Yvonne Goërtz, Zjala Ebadi, Qichen Deng, Melissa Thong, Chris Burtin, Jeannette Peters, Roy Sprooten, Erik Bischoff, Emiel Wouters, Jan Vercoulen, Sarah Houben-Wilke, Daisy Janssen, Martijn Spruit, Anouk Vaes

Studio Session 11:05 - 11:50

Pro-Con debate: Should we use inhaled corticosteroids in children with Bronchopulmonary Dysplasia?

Aims : The current session aims at: - identifying clinical benefits versus disadvantages of treating children with bronchopulmonary dysplasia (BPD) with inhaled steroids - discussing criteria for selecting the population to be treated with inhaled steroids among children with BPD - describing criteria to assess treatment effectiveness - comparing and contrasting different treatment regimens: molecules, doses , intervals, duration.

Disease(s) : Airway diseases Paediatric respiratory diseases

Method(s) : Physiology Pulmonary function testing Respiratory intensive care

Tag(s) : Clinical

Target audience : General practitioner, Respiratory critical care physician, Paediatrician, Respiratory physiotherapist, Respiratory therapist

Chairs : Lieuwe D.J. Bos (Amsterdam, Netherlands), Chair to be confirmed

11:05	**Should use inhaled corticosteroids in children with Bronchopulmonary Dysplasia? PRO** Sailesh Kotecha (Cardiff (South Glamorgan), United Kingdom)
11:20	**Should we use inhaled corticosteroids in children with Bronchopulmonary Dysplasia? CON** Shannon Simpson (Perth (WA), Australia)
11:35	**Panel discussion** Speaker to be confirmed

PS-23 Session 12:30 - 14:00

Poster session: Novel insights into paediatric respiratory physiology and diagnostic testing

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Pulmonary function testing General respiratory patient care Physiology Epidemiology Cell and molecular biology Public health

Chairs : Emma Raywood (London, United Kingdom), Chair to be confirmed

Sensitivity and specificity of asthma diagnostic tests in children
Laura Healy (Manchester, United Kingdom), Andrew J Simpson, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Stephen J Fowler, Angela Simpson, Clare S Murray

Measuring Bronchodilator Response in Children: Which interpretation method is best?
Jane Kirkby (Sheffield, United Kingdom), Layla Austerberry, Zaib Choudry, Danielle Marshall, Karen O'Donnell, Royston Andrew, Sonal Kansra, Kelechi Ugonna

The Effect of Test Availability on the Performance of NICE Guidelines for the Diagnosis of Asthma in Children
Andrew Simpson (Hull, United Kingdom), Laura Healy, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Angela Simpson, Clare Murray, Stephen Fowler

Enhancing the Diagnostic Sensitivity of Asthma in Children: The Impact of Repeat FeNO Testing
Andrew Simpson (Hull, United Kingdom), Laura Healy, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Clare Murray, Stephen Fowler, Angela Simpson

NICE Guidelines for the Diagnosis of Asthma in Children
Andrew Simpson (Hull, United Kingdom), Laura Healy, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Stephen Fowler, Angela Simpson, Clare Murray

Comparison of spirometric bronchodilator responsiveness (BDR) in asthmatic preschool children using 2005 or 2021 ATS/ERS guidelines
Luciano Enrique Busi (Trelew (Chubut), Argentina), Peter David Sly

Age-Related Variations in Asthma Control, Spirometric Patterns, and Forced Expiratory Time in Pediatric Patients
Khouloud Kchaou (Ariana, Tunisia), Soumaya Rebay, Chaima Briki, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine

The association of latent classes with respiratory symptoms and treatment in unselected schoolchildren
Anja Maria Schaffer (Graz, Austria), Rebeca Mozun, Anne-Christianne Kentgens, Torben Zimmermann, Maria Christina Mallet, Claudia E. Kuehni, Philipp Latzin, Jakob Usemann, Alexander Möller, Sereina A. Herzog, Florian Singer

Quality of Life in Children with low Post-Bronchodilator FEV1/FVC ratio
Nadia BEN LAZREG (sousse, Tunisia), Ines Ghannouchi, Mariem Abdesselem, Nesrine Jeballah, Jihene Bouguila, Sonia Rouatbi

Switching from GLI 2012 to GLI global 2022 reference equations changes spirometry interpretation in children
Mark Tuazon (London, United Kingdom), Mollie Riley, Emma Fettes, Paul Aurora

Assessing spirometric parameters in children with sickle cell disease: GLI Global vs. race-specific normative equations
Jacob McCoy (Toronto, Canada), David Wilson, Hartmut Grasemann

Lung function at age 18 in a cohort of children born very preterm
Alberto Terminiello (Empoli, Italy), Chiara Astori, Beste Özsezen, Claudia Calogero, Grazia Fenu, Paolo Del Greco, Chiara Caparrelli, Franca Rusconi, Enrico Lombardi

Respiratory function tests in patients with Klinefelter syndrome
Luigi Matera (Rome, Italy), Raffaella Nenna, Enea Bonci, Sara Ialongo, Chiara Urbano, Laura Petrarca, Maria Giulia Conti, Enrica Mancino, Antonella Frassanito, Greta Di Mattia, Giancarlo Tancredi, Fabio Midulla

Outcomes of CPET in a cohort of obese children and young people
Joe Madge (Leicester, United Kingdom), Naomi Dayman, Anbezhil Subbarayan, Eman Kamaleldeen, Imad Ahmed, Erol Gaillard

Dysfunctional breathing in obese children during CPET
Joe Madge (Leicester, United Kingdom), Naomi Dayman, Anbezhil Subbarayan, Eman Kamaleldeen, Imad Ahmed, Erol Gaillard

Alpha-1 Antitrypsin Deficiency laboratory testing (AATD EARCO LABNet): External quality assessment
Ilaria Ferrarotti (Pavia (PV), Italy), Joanna Chorostowska-Wynimko, Stefania Ottaviani, Magdalena Pelc, Malika Balduyck, Irene Belmonte, Tomàs Carroll, Timm Greulich, Gerard Mcelvaney, Marc Miravitlles, Francisco Rodríguez-Frías, Marie-Françoise Odou, Adriana Rozy, Susana Seixas, Martina Veith, Farid Zerimech, Angelo Guido Corsico, Maria Cristina Monti

A novel taste test development in young children (TasTY) aged 3-6 years with and without SARS-CoV-2 infection
Anne Schlegtendal (Bochum, Germany), Johannes Weißenfeld, Christoph Maier, Thomas Lücke

Predictive value of eosinophil cationic protein to lymphocyte in children with chronic cough
Gaeun Kim (Daegu, Republic of Korea), Jun Chul Byun, Hee Joung Choi

Patient reported outcomes in children with asthma: Correlation between Paediatric Asthma Quality of Life Questionnaire (PAQLQ) and International Consortium for Health Outcomes Measurement (ICHOM) paediatric overall health standard set scores
Hemajothi Krishnan (Singapore, Singapore), Yi Hua Tan, Soh Yan Tan, Fang Hong, Mary Hoon, Li Hong Wei, Liling Lai, Arun Pugalenthi, Oon Hoe Teoh, Zai Ru Cheng, Duo-Tong Cheng, Liang Yi Justin Wee, Chun Yi Ting, Thomas Adi Kurnia Susanto, Oh Moh Chay, Anne Goh, Maria Arquillo, Girija Savithri Thekkinakam Velliyottillam, Biju Thomas

PS-26 Session 12:30 - 14:00

Poster session: Infectious pleural and lung disease

Disease(s) : Thoracic oncology Airway diseases Interstitial lung diseases

Method(s) : Surgery Imaging Public health Respiratory intensive care Epidemiology

Chairs : Kalliopi Athanassiadi (Athens, Greece), Chair to be confirmed

Isolated costal echinococcosis: management and prognostic outcomes
Selma Madhi (Ariana, Tunisia), Imen Bouacida, Amina Abdelkebir, Hazem Zribi, Jawher Souilhi, Nizar Fitouhi, Houssem Messoudi, Aymen Laabidi, Mahdi Abdennadher, Adel Margheli

SURGICAL MANAGEMENT OF PULMONARY HYDATID CYSTS IN CHILDREN
Ali Ben Salem (Tunis, Tunisia), Amina Abdelkbir, Wassim Chaieb, Mahdi Abdennadher, Hazem Zribi, Adel Marghli

Uncommon causes of empyema: Subphrenic collection managed by thoracic approach
Hamdi Siwar (Ben Arous, Tunisia), Ben Attig Yosr, Saidani Wifek, Abbes Youssef, Ben Jemia Emna, Khefacha Fahd, Mabrouk Aymen, Boudaya Mohamed Sadok

Surgical management of giant hydatid cyst: A single center experience
Wifek Saidani (Ariana, Tunisia), Imen Bouassida, Amina Abdelkebir, Hanen Smadhi, Mariem Hadj Dahmen, Nadia Azabou, Nizar Fitouhi, Hazem Zribi, Adel Marghli

Thoracic approach for hepatic hydatid cyst: Surgical outcomes and post-operative results
Wifek Saidani (Ariana, Tunisia), Yosr Ben Attig, Siwar Hamdi, Youssef Abbas, Emna Ben Jemii, Aymen Mabrouk, Mohamed Sadok Boudaya

Surgical management of bronchiectasis in children: Indications, outcomes, and prognostic factors background
Wifek Saidani (Ariana, Tunisia), Amina Abdelkebir, Hazem Zribi, Imen Bouassida, Jawhar Souilhi, Sarra Zairi, Adel Marghli

Surgery for chronic pulmonary aspergillosis : clinical outcomes from three French expert centers
Joseph Lamerand (Paris, France), Thomas Maitre, Pierre Mordant, Ludovic Fournel, Matthias Barral, Pascaline Heloret-Choinier, Cendrine Godet, Jacques Cadranel, Marco Alifano, Jalal Assouad, Harry Etienne

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Pneumonectomy for chronic lung infection: indications, management, and long-term outcomes of an obsoleting high risk procedure.
Miyako Hiramatsu (Tokyo, Japan), Hayato Nanami, Toru Kawakami, Kiyomi Simoda, Kozo Morimoto, Takashi Arai, Yuji Shiraishi

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Long-term Outcomes of Surgery for Bronchiectasis and Impact on Quality of Life
FATMA INCHED JEMAL (ARIANA, Tunisia), Amina Abdelkbir, Hazem Zribi, Mehdi Abdenadher, Siwar Hamdi, Marghli Adel

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Enzymatic therapy versus VATS for pleural infections: a systematic review and meta-analysis.
Wilja de Jonge (Amsterdam, Netherlands), Bo Smits, Hans Ket, Josje Altenburg, Jouke Annema, Hans Daniels, Chris Dickhoff, Martijn Van Dorp, Jerry Braun, Daniël Korevaar, David Heineman

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Does Albendazole Play a Role in Preventing Lung Hydatidosis Relaps?
Ibrahim Basin (DENİZLİ, Turkey), Argün Kış, Gökhan Öztürk, Ümit Aydoğmuş

Management and Surgical Treatment of Pleural Empyema: A Single-Centre Experience
Clarissa Uslenghi (Milan, Italy), Francesco Damarco, Antonio Muscatello, Matteo Maria Bolis, Matteo Calderoni, Lorenzo Bramati, Alessandra Bandera, Alessandro Palleschi

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VATS or intrapleural enzymatic therapy for patients with a parapneumonic pleural infection (the VIETS trial): protocol for a multicentre, randomized controlled trial.
Wilja de Jonge (Amsterdam, Netherlands), David Heineman, Josje Altenburg, Jouke Annema

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Surgical management of eso-tracheal fistula in patients with mechanical ventilation dependency
Abbes Youssef (Ariana, Tunisia), Ben Attig Yosr, Saidani Wifek, Madhi Selma, Ben Jemia Emna, Mabrouk Aymen, Boudaya Mohamed Sadok

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SURGICAL MANAGEMENT OF EMPYEMA: OUTCOMES AND INSIGHTS
FATMA INCHED JEMAL (ARIANA, Tunisia), Bessrour Habib, Messaoudi Houssem, Wafa Ragmoun, Mokhles Lajmi, Saber Hachicha

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Hyperinflammatory pleural response mimicking complex pneumonia following Nuss procedures: a case series
Hendrik van Braak (Amsterdam, Netherlands), Suzanne W. J. Terheggen-Lagro, Joost Van Schuppen, Eline E. Deurloo, Sjoerd A. De Beer, Matthijs W. N. Oomen, Sander Zwaveling, L. W. Ernest Van Heurn, Justin R. De Jong

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Advancing Pneumothorax Surgery: The Role of Multiportal and Uniportal VATS
Zied Chaari (Sfax, Tunisia), Ahmed Ben Ayed, Hala Alimi, Hanen Bouattour, Abdessalem Hentati, Aymen Ben Ayed, Imed Frikha

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Pulmonary aspergilloma: surgical approch
Selma Madhi (Ariana, Tunisia), Amina Abdelkebir, Imen Bouacida, Hazem Zribi, Jawher Soulhi, Nizar Fitouhi, Chaker Jabeur, Houssem Messoudi, Mahdi Abdennadher, Adel Marghli

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Pulmonary mucormycosis: a surgical monocenter experience
Selma Madhi (Ariana, Tunisia), Imen Bouacida, Hazem Zribi, Amina Abdelkebir, Chaker Jabeur, Nizar Fitouhi, Jawher Soulhi, Houssem Messoudi, Mahdi Abdennadher, Adel Marghli

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What's Surgical management for a giant bronchogenic cyst?
Feriel Souissi (Tunis, Tunisia), Mahdi Abdennadher, Ameni Ben Mansour, Imen Bouassida, Henda Neji, Sonia Ouerghi, Hazem Zribi, Adel Marghli

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PS-37 Session 12:30 - 14:00

Poster session: Organ- and non-organ-specific manifestations of sarcoidosis

Disease(s) : Interstitial lung diseases | Sleep and breathing disorders | Airway diseases

Method(s) : Epidemiology | General respiratory patient care | Public health | Pulmonary function testing | Pulmonary rehabilitation | Imaging | Endoscopy and interventional pulmonology

Chairs : Vasileios Kouranos (London, United Kingdom), Juan José Nieto-Fontarigo (Santiago De Compostela, Spain)

Cluster analysis to phenotype sarcoidosis using British Thoracic Registry data
Cormac McCool (Belfast, United Kingdom), Amira Mahood, Paul Minnis, A Achiaiah, R Hewitt, C Hodkinson, F Khan, H Morris, E Palmer, I Stewart, G Thomas, M Loughenbury, M Souto, S Fletcher, N Chaudhuri

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Nailfold videocapillaroscopy as a potential predictor of organ damage in patients with ILD-Sarcoidosis
Lucrezia Mondini (trieste, Italy), Barbara Ruaro, Liliana Trotta, Mariangela Barbieri, Giuseppe Dimaggio, Luca Ruggero, Paola Confalonieri, Francesco Salton, Marco Confalonieri

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Gender differences disparity in treatments for in Sarcoidosis from the British Thoracic Society (BTS) UK Interstitial Lung Disease (ILD) registry.
Karol Bączek (Łódź, Poland), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Leng Cheng Sia, Gina Amanda, Lucile Sesé, Andrew Achaiah, Nazia Chaudhuri

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Are There Predictive Parameters for Cardiac Involvement in Sarcoidosis Cases? What is The Role of Strain Echocardiography and Heart Rate Recovery Time?
Gökhan Altan (Istanbul, Turkey), Mustafa Lütfi Yavuz, Su Alvin Dik, Melike Sarıtaş Arslan, Aylin Pıhtılı, Pelin Karaca Özer, Ahmet Kaya Bilge, Züleyha Bingöl, Gülfer Okumuş

Cardiac sarcoidosis (CS) in Austria: data from the Sarcoidosis registry (Medical University of Vienna)
Claudia Guttmann-Ducke (Wien, Austria), Martin Lutnik, Pavla Sarova, Daniela Gompelmann, Marco Idzko

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Ophthalmologic screening in sarcoidosis: a silent marker of systemic disease
Sara Salvador Fernàndez (Barcelona, Spain), Maria Florencia Pilia, David Espejo Castellanos, Christian Eduardo Romero Mesones, Iñigo Ojanguren Arranz, Francisco Javier Muñoz Gall, Eric Kirkegaard Biosca, Ana Villar Gómez

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Cardiac sarcoidosis screening in patients with thoracic sarcoidosis: a prospective observational study.
Sara Salvador Fernàndez (Barcelona, Spain), Daniel Ramos Chaves, Maria Florencia Pilia, David Espejo Castellanos, Christian Eduardo Romero Mesones, María Jesús Cruz Carmona, Míriam Barrecheguren Fernandez, Ana Villar Gómez, Aitor Uribarri González, Iñigo Ojanguren Arranz

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Impact of nutritional status in sarcoidosis patients
Şeyma Tunç (Kastamonu, Turkey), Pınar Yıldız, Mehmet Ali Sungur

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Enhanced Screening for Obstructive sleep Apnoea (OSA) in patients with sarcoidosis- A quality improvement project (QIP).
Aqusa Zahid (Karachi, Pakistan), Janeene Martha Sayo, Atul Gulati, Ahmed Fahim, Anna Mowat

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Fatigue associations in a cohort of sarcoidosis patients
Fotios Drakopanagiotakis (Alexandroupoli, Greece), Aikaterini Alexiou, Evangelia Eleftheria Daskalou, Marianna Tranou, Lykourgos Kolilekas, Elias Gialafos, Stavros Anevlavis, Paschalis Steiropoulos

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Mortality predictors in pulmonary sarcoidosis: results from the Spanish cohort SARCO-I
Joel Francesqui (Barcelona, Spain), Daniel Ramos, Elena Bollo, Ana Villar, Pablo Flórez, Eva Balcells, Gema Castaño, Erwin Javier Pinillos-Robles, Raúl Godoy, Belén López-Muñiz, María José Soler-Sampere, Diego Castillo, Albert Rafecas, Pablo Mariscal, Paloma Millan-Billi, Karina Portillo, Fernanda Hernandez-Gonzalez, Jacobo Sellares

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Correlation between quality of life and lung function in patients with pulmonary sarcoidosis
Ievgeniia Merenkova (Kyiv, Ukraine), Volodymyr Gavrysyuk, Yaroslav Dziublyk, Galyna Gumeniuk

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The relationship between HALP score and clinical phenotypes of pulmonary sarcoidosis.
Fulsen Bozkus (Antalya, Turkey), Merve Sari Akyuz, Olgun Keskin

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Obstructive sarcoidosis. An underestimated and dangerous sarcoidosis
Fabiola Murgolo (triggiano, Italy), Marie-Pierre Debray, Alice Guyard, Catherine Bancal, Mathilde Le Brun, Pierre Le Guen, Camille Taillé, Raphaël Borie, Bruno Crestani

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Biomarkers of corticosteroid-resistant Lung Sarcoidosis
Kostiantyn Shvets (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Oleksandr Varunkiv, Iryna Savelikhina, Mariana Kulynych-Miskiv, Galyna Korzh, Nadiia Korzh, Mariia Dmytriv

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Diagnostic challenges in differentiating pulmonary sarcoidosis from tuberculosis: the role of QuantiFERON TB Gold in an endemic region
Diana Calaras (Chisinau, Republic of Moldova), Aliona David, Alexandru Corlateanu

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Pretest probability of nodal sarcoidosis in isolated hilar and mediastinal lymphadenopathy (IHML) on CT chest
Emad Abugassa (Stafford, United Kingdom), Badis Al-Harbawi, Hadi Jawad, Sadaf Sultana Doctor, Mohammed Haris

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Speckle Tracking Echocardiography to assess Cardiac Sarcoidosis: a preliminary analysis.
Pietro Gioia (Napoli, Italy), Anna Agnese Stanziola, Claudio Candia, Marta Coppola

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FDG-PET/CT imaging as a treatment guide in pulmonary sarcoidosis
Donal O'Malley (Westport, Ireland), Ryan Donnelly, Michael P. Keane, Alessandro N. Franciosi, Jacobo Sellares, Fernanda Hernandez, Ashley Cattram, Nishant Gupta, Francesco Bonella, Emmet E. Mcgrath, David J. Murphy, Cormac Mccarthy

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PS-19 Session 12:30 - 14:00

Poster session: Epidemiology of COPD and asthma exacerbations

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Public health Respiratory intensive care

Chairs : James Allinson (London, United Kingdom), Chair to be confirmed

Twenty-year trends in 1-year mortality after COPD exacerbation: A Danish nationwide cohort study
Marie Dam Lauridsen (Aalborg, Denmark), Mathias Therkelsen King, Jan Brink Valentin, Søren Paaske Johnsen, Ulla Møller Weinreich

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Sex-differences in mortality after first hospitalization for COPD exacerbation – a nationwide cohort study
Mathias Therkelsen King (Aalborg Øst, Denmark), Marie Dam Lauridsen, Søren Paaske Johnsen, Ulla Møller Weinreich

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Association between blood eosinophil counts and inhalation therapy with one year mortality following an exacerbation of COPD.
Peter Ascanius Jacobsen (Aalborg, Denmark), Yunus Çolak, Shoaib Afzal, Kristian Kragholm, Christian Torp-Pedersen, Ulla Møller Weinreich

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Chronic obstructive pulmonary disease and Vitamin K antagonism: A cohort study of 1-year all-cause mortality and risk of hospitalization due to a severe exacerbation of COPD
Bård-Emil Vang Gundersen (Virum, Denmark), Anna Kubel Vognsen, Josefin Eklöf, Pradeesh Sivapalan, Allan Linneberg, Tor Biering-Sørensen, Jens-Ulrik Stæhr Jensen

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The Association between COPD Exacerbations and Cardiopulmonary Events: An Observational Study in Israel
Neville Berkman (Jerusalem, Israel), Samah Hayek, Uri Gottlieb, Nir Treves, Roni Yahalom, Kirsty Rhodes, Idit Livnat, Adva Yarden, Galit Shaham, Claudia Cabrera

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Latent Class Analysis to identify novel phenotypes in Acute Exacerbations of COPD: A retrospective, multicentre cohort study
Xiangqing Hou (Guangzhou, China), Zhishan Deng, Yumin Zhou, Jie Hong, Fan Wu, Yuemao Li, Jinrong Huang, Cuiqiong Dai, Lifei Lu, Gaoying Tang, Qi Wan, Kunning Zhou, Xiaohui Wu, Jieqi Peng, Ximo Chen, Pixin Ran

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Acute cardiovascular events following a severe COPD exacerbation – incidence, association with treatments, and impact of the COVID-19 viral pandemic
Josefin Sundh (Örebro, Sweden), Christer Janson, Jens Ellingsen, Andrei Malinovschi, Björn Wettermark, Elin Dahlén, Brian Kirui, Huiqi Li, Fredrik Nyberg

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Seasonal trends of outpatient-treated COPD exacerbations by COVID-19 and air pollution
Delphine Vauterin (Ghent, Belgium), Kaat-Renée Deforce, Frauke Van Vaerenbergh, Lies Lahousse

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Influenza and pneumococcal vaccine hesitancy and associated factors among patients with acute exacerbations of COPD: a cross-sectional study
Ye Wang (Beijing, China), You Xin, Ruoxi He, Xiaoxia Ren, Ting Yang, Xiaoyou Su

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Characterizing ECOPD phenotypes: associations with in-hospital outcomes and immunoinflammatory mechanisms
Qin Wang (Chengdu, China), Lei Wang, Li Zhang, Chongyang Zhao, Ying Liu, Lei Liu, Lishan Yuan, Min Feng, Gang Wang, Li Li, Shuwen Zhang, Yulai Yuan, Deying Kang, Xin Zhang

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Current management of COPD patients with high exacerbation risk in China
Kai Yang (Shenzhen, China), Fengyan Wang, Dandan Chen, Jinbao Wu, Jing Wang, Tingfeng Yu, Ruling Dai, Hongying Yang, Lingwei Wang, Rongchang Chen

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The association of adherence to maintenance inhaled therapy with mortality and exacerbations in COPD
Márta Kamocsai (Győr, Hungary), Margit Bíró, Krisztina Vincze, Balázs Sánta, László Németh, Tamás Balázs, Zsófia Lázár

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Blood eosinophil thresholds and characteristics of COPD patients: the Palomb cohort
Nolwenn Jestin-Guyon (Bordeaux, France), Laurent Falque, Laurent Nguyen, Annaig Ozier, Alain Bernady, Zamira Betancourt-Rial, Emilie Berteaud, Julien Casteigt, Frédéric Le Guillou, Jean Moinard, Mohamed Staali, Cécilia Nocent, Mathieu Molimard, Chantal Raherison-Semjen

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Social inequalities in COPD incidence, mortality and exacerbations in a large Italian cohort
Chiara Sorge (Rome, Italy), Angelo Nardi, Giuseppe Corbo, Nera Agabiti, Giulia Cesaroni

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Shifts in asthma exacerbator profiles pre- and post-COVID-19: A retrospective study in Singapore
Gerald Ng (Singapore, Singapore), Ming Ren Toh, Xingdi Wen, Adam Quek, Shao Wei Lam, Ngiap Chuan Tan, Mariko Siyue Koh

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Risk factors for asthma-related mortality and life-threatening asthma attacks in children – a systematic review
Aleksandra Gawlik-Lipinski (Market Harborough, United Kingdom), Sarah Hassen, Manisha Ramphul, Erol Gaillard, Jenni Quint, Clare Gillies, David Lo

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Assessing Exacerbation History and Bronchiectasis Management in the US Bronchiectasis and NTM Research Registry (BRR)
Engin L (Mölndal, Sweden), Claudia Cabrera, Rod Hughes, Fred Reid, Gabriel Abreu, Wayne Brailsford, Amanda Brunton, George Solomon, Emily Henkle

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Disease trajectory and treatment escalation in severe asthma: a retrospective analysis of data from the optimum patient care research database
Matthew Chad Eastwood (belfast, United Kingdom), Ron Mcdowell, John Busby, Pamela Jane Mcdowell, David Price, Liam Heaney

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Antibiotics for nonspecific upper respiratory tract infections and exacerbation risk in children with asthma
Cristina Longo (Laval, Canada), Carmen Canete Ramirez, Amélie Forget, Marie-Élaine Métras, Ana Blanchard, Tibor Schuster, Lucie Blais

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The relationship of material deprivation with emergency or unplanned healthcare utilisation in adults with Chronic Obstructive Pulmonary Disease: analysis from an Asthma + Lung UK survey
Keir E. J. Philip (London, United Kingdom), Ajoke Adesibikan, Parris J Williams, Andrew Cumella, Anna Francis, Anthony A Laverty, Nicholas S Hopkinson

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PS-29 Session 12:30 - 14:00

Poster session: Molecular and immunological pathways in respiratory infection and host defence

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Cell and molecular biology Respiratory intensive care Physiology Epidemiology Public health

Chairs : Chair to be confirmed

AXL Drives Respiratory Viral Entry via GAS6-Dependent Endocytic Pathways: A Broad-Spectrum Therapeutic Target for Influenza and Beyond
Wenting Zuo (Beijing, China)

A novel anti-Enterovirus D68 inhibitor by binding to the viral capsid and interacting with viral 2C protein
Huu Y Le (Taoyuan, Taiwan), Jim-Tong Horng

Holistic evaluation of the urbane exposome on wheezing and chest infections: An outcome-wide approach
Robin Mzati Sinsamala (Bergen, Norway), Augusto Anguita-Ruiz, Alessandro Marcon, Xavier Basagaña, Mariona Bustamante, Maria Foraster, Mireia Gascon, Elisa Llurba, Mark J. Nieuwenhuijsen, Cecília Persavento, Ioar Rivas, María Dolores Gómez-Roig, Jordi Sunyer, Ane Johannessen, Payam Dadvand

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AmB exacerbates viral entry via GCase-mediated ceramide-dependent endosomal remodeling
Di He (Beijing, China)

Effects of tyre and road wear particle (TRWP) on toxicity and respiratory virus infection on iPSC-derived human bronchial epithelium
Hugo Ombredane (London, United Kingdom), Kiran Nathan, Shyreen Hassibi, Leah Daly, Yuki Yamamoto, Kazuhiro Ito

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Lack of S100A8 impairs lung protective immunity against Streptococcus pneumoniae in mice
Lena Ostermann (Hannover, Germany), Benjamin Seeliger, Konrad Peukert, Carolin Flasche, Regina Maus, Jennifer Stolper, Thomas Vogl, Andreas Pich, Christian Bode, Philippe Tessier, Johannes Roth, Ulrich A. Maus

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Etiology of severe community-acquired pneumonia (CAP), associated with non-alcoholic fatty liver disease (NAFLD)
Roman Razumnyi (Dnipro, Ukraine)

Role of antiviral retinoic acid-inducible gene I (RIG-I) signalling in H1N1 influenza infection on human primary nasal epithelium
Hugo Ombredane (London, United Kingdom), Kazuhiro Ito

Neutrophil elastase and NETs contribute to disease exacerbation in pleural infection
Julia Chu (Oxford, United Kingdom), Alguili Elsheikh, Nikita Manoharan, Argyrios Tzouvelekis, Electra Koulousousa, Fotios Sampsonas, Tao Dong, Julian C. Knight, Najib M. Rahman, Nikolaos I. Kanellakis

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Dynamic role of virulence and antimicrobial resistance on mortality of Klebsiella spp. infections
Yunfei Tang (Beijing, China), Chao Liu

Multi-omic analysis of pleural fluid reveals neutrophil heterogeneity in pleural infection
Yinzhou Feng (Oxford, United Kingdom), Kiki Cano-Gamez, Andrew Brown, Elie Antoun, Julia Y Chu, Alguili Elsheikh, Beenish Iqbal, Nikita Manoharan, Tao Dong, Najib M Rahman, Julian C Knight, Nikolaos I Kanellakis

How Lung Tissue Damage Improves by Moringa oleifera Leaves Extract in Rat Model Pneumonia
Jatu Aphridasari (Surakarta (Central Java), Indonesia), Linda Soebroto, Cindy Meidy Leony Pradhana

Longitudinal measurements of cytokines and the probability of survival in septic respiratory tract infections
Adrian Ceccato (Barcelona, Spain), Veronica Monforte, Berta Cisteró, Laia Puig, Rombout Van Amstel, Lina Kramer, Juan Tajan, Carla Guijarro, Patricia Salom, Aina Areny, Elena Campaña, Marta Camprubi, Antonio Artigas, Lieuwe Bos

Single-cell RNA sequencing reveals macrophage phenotypical and functional regulation by baseline MCMV infections in mice with bacterial pneumonia
Yan Hu (Beijing, China), Jiawei Shen, Huiying Zhao, Fengxue Zhu, Yanwen Jiang

Pulmonary glycosaminoglycans and fucosylation regulate lung barrier function and defense against S. pneumoniae
Cengiz Goekeri (Berlin, Germany), Kerstin A.K. Linke, Karen Hoffmann, Elena Lopez-Rodriguez, Vladimir Gluhovic, Anne Voß, Sandra Kunder, Andreas Zappe, Sara Timm, Alina Nettesheim, Sebastian M.K. Schickinger, Christian M. Zobel, Leila Bechtella, Gaël M. Vos, Kevin Pagel, Achim D. Gruber, Matthias Ochs, Martin Witzenrath, Geraldine Nouailles

Erdosteine's active metabolite MET-1 enhances antibiotic activity against S.aureus and P.aeruginosa in vitro
Bailey Ramsden (London, United Kingdom), Nicola Allen, Harry Monaghan, Clive Page, Richard Amison

Safety tolerability and proof of pharmacology of a dry powder formulation of the antiviral host defense enhancer INNA-051 in healthy adults aged 18-80
Christophe Demaison (Melbourne, Australia), Francesca Mercuri, Hayley Mcquilten, Nic P West, Grant Mclachlan, Narani Smyth, Nic Kruger, Courtney Crim, Bruce Miller, Ruth Tal-Singer

AS01E-adjuvanted RSV prefusion F protein vaccine (adjuvanted RSVPreF3) reduces RSV acute respiratory illness (ARI)-related complications and medication use in participants with COPD or asthma
Alberto Papi (Cona, Ferrara, Italy), David M G Halpin, Robert G Feldman, Michael G Ison, Tino F. Schwarz, Dong-Gun Lee, Laurence Fissette, Stebin Xavier, Shady Kotb, Marie Van Der Wielen, Jean-Philippe Michaud, - On Behalf Of The Aresvi-006 Study Group

Antiviral siRNA multiplex treatment reduces HPIV3 infection and modulates inflammation in human precision-cut lung slices.
Franziska Dahlmann (Hannover, Germany), Anna Zimmer, Philippe Vollmer Barbosa, Fabian Röpken, Sewald Katherina, Hook Sebastian, Ott Michael, Adrian Schwarzer, Axel Schambach, Armin Braun

LSC - 2025 - Peptidyl-arginine deiminases as bactericidal and anti-biofilm agents against Pseudomonas aeruginosa
Rory Baird (Enniskillen, Ireland), Azeez Yusuf, Luke Forde, Debananda Gogoi, Emer Reeves

PS-12 Session 12:30 - 14:00

Poster session: Exploring fundamental pathophysiological aspects of sleep-disordered breathing

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Epidemiology Physiology Pulmonary function testing General respiratory patient care Public health Cell and molecular biology

Chairs : Lucia Pinilla (Adelaide, Australia), Anne Briançon-Marjollet (Grenoble Cedex 9, France)

PCSK9 as a new player in intermittent hypoxia-induced vascular alterations
Marc-Adrien Reveyaz (La Tronche, France), Alejandro Arco-Hierves, Antoine Boutin-Paradis, Renaud Tamisier, Sébastien Bailly, Van Ngo, Jean Louis Pépin, Anne Briançon-Marjollet

Supine hyperinflation and expiratory flow limitation are associated with respiratory arousals and nocturnal hypoventilation in COPD.
Meera Srinivasan (Canberra, Australia), David Touma, Kaj Blokland, Kieran Patel, Katrina Tonga, David Chapman, Andrew Chan, Peter Cistulli, Gregory King

A novel modelling approach for endotyping.
Margaux Blanchard (Sainte-Gemmes-sur-Loire, France), Venkata Koka

Fibrinogen is an independent hypoxic stress marker in obstructive sleep apnea
Masako Ueyama (Tokyo, Japan), Mototsugu Nagao, Akira Asai, Shinichi Oikawa, Hiroshi Kimura

Monocyte subpopulations in obstructive sleep apnea are linked to disease severity and endothelial dysfunction
David Sanz Rubio (Zaragoza, Spain), Jorge Rodríguez Sanz, Marta Marín Oto, Javier Errasti, Victoria Gil, Pablo Cubero, Myriam Ruiz, Raquel Langarita, Aaron Garrido, Beatriz Herrero, Sergio Alarcón, Aura Maldonado, Elisabet Vera, Teresa Martín Carpi, Juan Antonio Domingo, José M. Marín

AI-Driven Polysomnography: Enhancing Sleep Apnoea Diagnosis with Automated Analysis
Andreas Hoheisel (Freiburg, Germany), Matthias Mau, Werner Strobel, Dagmar Düsterhöft, Ivan Cherrez-Ojeda, Matthias Josef Herrmann, Andrei M. Darie, Michael Ambros, Matthias Wieber, Samuel Rupprechter, Michael Tamm, Daiana Stolz

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Novel ex vivo model for studying the neuronal synaptic response in precisely cut brain tissue slices subjected to intermittent hypoxia
Alicia Jurado (Barcelona, Spain), Anna Pérez-González, Ramon Farré, Xavier Gasull, Isaac Almendros

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The role of arousal threshold and obesity in characterization of Obstructive Sleep Apnea
Giulio Trono (Foggia, Italy), Donato Lacedonia, Giulia Scioscia, Roberto Sabato, Piera Soccio, Liliana Calabrese, Giuseppe Palmieri, Mirka Mariani, Matteo Pio Natale, Francesco Traversa, Annarita Depalo, Maria Pia Foschino Barbaro, Pasquale Tondo

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A Machine Learning-Based Screening Model for Obstructive Sleep Apnea Diagnosis and Severity Prediction
Neslihan Özçelik (Rize, Turkey), Emre Bendeş, Ali Erdem Özçelik, Elvan Şentürk Topaloğlu, Songul Ozyurt, Mehmet Karadağ, Özge Aydın Güçlü, Merve Nur Yıldız, Hadice Selimoğlu Şen, Nur Aleyna Yetkin, Burcu Baran Ketencioğlu, Önder Öztürk, Hilal Türkmen Kaya, Nurhan Sarıoğlu, Mustafa Çolak, Muhammed Emin Akkoyunlu, Abdullah Kansu, Abdurrahman Kotan, Fatma Gülsüm Karakaş, Yılmaz Bülbül, Sibel Doğru, Aziz Gümüş, Gizem Özçıbık Işık, Ömer Topaloğlu, Bilge Yilmaz Kara, Ünal Şahin

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Elevated Bisphenol A and IL-17A Levels in Obstructive Sleep Apnea: A Link Between Environmental Exposure and Systemic Inflammation
Ozge Aydin Guclu (Bursa, Turkey), Nilüfer Aylin Acet Öztürk, Anıl Özgür, Ayşenur Yentur, Emre Sarandöl, Ahmet Ursavaş, Mehmet Karadağ

Up-regulation of Klf2 Expression: A Potential Therapeutic Strategy for Microglial-mediated Neuroinflammation Induced by Intermittent Hypoxia
Chong Xu (Tianjin, China), Yu Shi, Jing Zhang

Inflammation-related molecular and epigenetic analyzes in obstructive sleep apnea patients: Activin A, TGFBR2 and miR-139-5p
Özge Oral Tapan (Mugla, Turkey), Utku Tapan, Cemil Burak Boz, Sabri Serhan Olcay, Cilem Özdemir, Murat Cenik, Tuba Edgunlu

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The Effect of Submental Transcutaneous Electrical Stimulation on Blood Pressure in Patients with Obstructive Sleep Apnoea
Ahmed Almaghrabi (London, United Kingdom), Asim Madkhali, Mohammed Alkhathami, Cheng Zhang, Abdulaziz Alsharifi, Gerrard F Rafferty, Joerg Steier

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Microplastics and airway inflammatory profile in obstructive sleep apnea
Thais Mauad (São Paulo (SP), Brazil), Luís Fernando Amato-Lourenço, Regiani Carvalho-Oliveira, Caroline Faria, Kristine Cahali, Leila Antonagelo, Michel Cahali

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Alpha-1 antitrypsin deficiency and risk of sleep apnea: A nationwide cohort study
Lucas Møller Larsen (Køge, Denmark), Sine Voss Winther, Asbjørn Kørvel-Hanquist, Sarah Caroline Weisenfeldt Marott, Eskild Morten Landt, Preben Homøe, Børge Grønne Nordestgaard, Morten Dahl

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Impact of Body Mass Index on OSA Severity: A Tunisian Single-Center Study
Rania Nakhli (Kairouan, Tunisia), Islam Mejri, Houssem Messaoudi, Samira Mhamdi, Salsabil Dabboussi, Chiraz Aichaouia, Zied Moetamri

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Fractional Exhaled Nitric Oxide Levels in Patients with Obstructive Sleep Apnea Syndrome and the Effect of Positive Airway Pressure (PAP) Therapy on Fractional Exhaled Nitric Oxide Levels
Sermin Börekçi (Istanbul, Turkey), Tamer Alhelou, Buket Calıskaner Ozturk, Nejdiye Gungordu, Ersan Atahan

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Home Blood Pressure Trajectories During 6 Months Of Continuous Positive Airway Pressure Therapy
Ophélie Coiffier (La Tronche, France), Sébastien Bailly, Marie Joyeux-Faure, Renaud Tamisier, Khier Amrani, Jean-Claude Cornu, Thibaut Gentina, Robin Terrail, Christian Caussé, Carolina Lombardi, Martino Pengo, Gianfranco Parati, Jean-Louis Pépin

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Immune checkpoint biomarkers galectin-9 and TIM-3 predict cancer mortality in obstructive sleep apnoea
Elena Díaz García (Madrid, Spain), Enrique Alfaro, Paula Pérez-Moreno, Cristina López-Fernández, Aldara García-Sánchez, Miguel Ángel Martínez-García, Eva Mañas, Irene Cano-Pumarega, Raquel Casitas, Francisco Campos-Rodríguez, Manuel Sánchez-De-La-Torre, Eduardo Nagore, Antonio Martorell-Calatayud, Luis Hernández-Blasco, Esther Pastor, Jorge Abad-Capa, Josep-María Montserrat, Valentín Cabriada-Nuño, Jaime Corral-Peñafiel, Eva Arias, Olga Mediano, María Somoza-González, Joan Dalmau-Arias, Isaac Almendros, Fernanda Troncoso-Acevedo, Carolina Gotera-Rivera, Teresa Pérez-Warnisher, Germán Peces-Barba, Luis Seijo, David Gozal, Francisco García-Río, Carolina Cubillos-Zapata

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Oscillometric indices and execise capacity in metabolic syndrome
Vivek Pal (DELHI, India), Abhijith K Anil, Anjana Talwar, Geetanjali Bade, Saurabh Mittal, Kuldeep Kumar

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PS-3 Session 12:30 - 14:00

Poster session: Optimising exercise and measurement in chronic lung disease

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Respiratory critical care | Thoracic oncology

Method(s) : Pulmonary rehabilitation | Physiology | General respiratory patient care | Pulmonary function testing | Epidemiology | Surgery

Chairs : Anouk W. Vaes (Horn, Netherlands), Chair to be confirmed

Peak eccentric cycling exercise and cardiorespiratory responses to normobaric hypoxia versus normobaric normoxia in healthy adults. A randomized-controlled crossover trial.
Carmen Wick (Bremgarten, Switzerland), Esther Constam, Simon Schneider, Anna Titz, Michael Furian, Mona Lichtblau, Silvia Ulrich, Julian Müller

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Thoracoabdominal asynchrony during exercise in severe Chronic Obstructive Pulmonary Disease
Miguel Jimenez Gomez (Madrid (Madrid), Spain), Cristina Lalmolda Puyol, Manel Luján Torné, Ana Hernández Voth, Marta Corral Blanco, Laura González Ramos, Javier Sayas Catalán

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Factors associated with exercise intolerance in COPD patients with different GOLD stages
Fen Dong (Beijing, China), Jiaze He, Shiwei Qumu, Ting Yang

Addressing Methodological Gaps: A Stratified Meta-Analysis of Beetroot Juice and Exercise Capacity in COPD Patients
Gaspar Rogerio Da Silva Chiappa (Porto Alegre (RS), Brazil), Juliene Sa, Amanda Duarte, Adriana Chiappa, Paulo Muller, Luis Maestu, Leticia Morais, Francisco Santos, Rodolfo Vieira, Alberto Filho, Victor Vaz

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Prediction of VO2 Estimates Based on Medications and Clinical Variables in Patients with Coexisting COPD and Heart Failure
Flavia Rossi Caruso (Sao Carlos (SP), Brazil), José Carlos Bonjorno Junior, Nelson Francisco Serrão Junior, Paula Angélica Ricci, Patricia Faria Camargo, Audrey Borghi Silva

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Effect of eccentric cycling on oxygen uptake and hemodynamics in patients with chronic obstructive pulmonary disease A randomized controlled, crossover trial.
Julian Müller (Zürich, Switzerland), Aldo Kammerlander, Simon R. Schneider, Michael Furian, Esther I. Schwarz, Mona Lichtblau, Silvia Ulrich

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Comparing dyspnoea domains and outcomes in COPD: acute exacerbations versus stable disease.
Sophie Elsoueidi (Sutton Coldfield, United Kingdom), Charlotte Leonard, Gillian Doe, Rachael Evans, Sally Singh, Enya Daynes

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The effect of comorbidity burden on exercise tolerance in chronic obstructive pulmonary disease
Molly M Baldwin (Leicester, United Kingdom), Theresa C Harvey-Dunstan, Matthew Richardson, Sarah A Edwards, Michael C Steiner, Mike D Morgan, Sally J Singh, O N Behalf Of The Copd-Map Consortium

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Does appetite affect catabolic/anabolic response to pulmonary rehabilitation in patients with COPD?
Timothy O Jenkins (London, United Kingdom), Elyse H Sakelaropoulos, George D Edwards, Karen A Ingram, William D-C Man

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Home-based blood flow restricted exercise in COPD: a randomised controlled feasibility study
Hanoof Aljohani (Loughborough, United Kingdom), Lorna Latimer,, Molly Baldwin, Kumaran Balasundaram, Mei Fong Liew, Neil Greening, Martin Lindley, Lettie Bishop, Michael Steiner, Thomas Ward, Richard Ferguson

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AI's effectiveness in fall prevention among elderly patients with acquired frailty Objective
Tao Yang (Changchun (Jilin), China), Zeyu Qin, Hongjing Lin, Xueli Zhang

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Effects of Mechanical Insufflation-Exsufflation on Cough Peak Flow and Respiratory Function in ALS: A Case Series
Guilherme Fregonezi (Rio Grande do Norte, Brazil), Rayane Grayce Da Silva Vieira, Íllia Nadinne Dantas Florentino Lima, Karen Medeiros Pondofe, Ana Cristina Medeiros Garcia Maciel, Mario Emilio Dourado Júnior, Matias Otto-Yañez, Jordi Vilaro, Rodrigo Torres Castro, Roberto Vera Uribe, Jessica Danielle Medeiros Da Fonseca, Vanessa Resqueti, Antonela Lo Mauro, Andrea Aliverti

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Prevalence and clinical correlates of chronic hyperventilation in asthma patients referred for pulmonary rehabilitation
Duco D. Deenstra ('S-Hertogenbosch, Netherlands), Lennart Conemans, Roy Meys, Miriam Groenen, Martijn A. Spruit, Frits M. E. Franssen

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User acceptability of a digital pulmonary rehabilitation (PR) app as an adjunct to usual care
Pamela Knight-Davidson (Chelmsford, United Kingdom), Festus Meshe, Timothy Jenkins, George Edwards, Suhani Patel, Carmel Moore, Karen Hayden, Graham Ball, Claire Nolan, Karen Ingram, William Man

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Impact of pulmonary rehabilitation on functional status in ILD patients – experience of a tertiary hospital
João José Pereira Sá Couto (Abaças - Vila Real, Portugal), Fátima Barbosa, Teresa Martins, João Silveira, Sofia Lopes, Margarida Afonso, Cidália Rodrigues

Multimodal Prehabilitation to Preserve Cardiorespiratory Fitness during Neoadjuvant Therapy
Raquel Sebio Garcia (Barcelona, Spain), Yu Xiao Chen, Irene Bello, Noemí Reguart, Maria Jose Arguis, Ricard Navarro-Ripoll, Edgar Iglesias-Garcia, Fernando Dana, Marina Sisó, Graciela Martínez-Pallí

Agreement between different methods describing individual training intensities in pulmonary patients
Benjamin Sabic (Vienna, Austria), Peter Raidl, Jürgen Scharhag, Marijan Potzmann, Viktoria Peresich, Bianca Rogi, Luisa Ernst, Karin Vonbank

Chronotropic incompetence in Idiopathic Pulmonary Fibrosis (IPF): The potential impact on exercise capacity.
Ben Bowhay (Abergavenny, United Kingdom), Craig Williams, Chris Scotton, Michael Gibbons, Owen Tomlinson

Acute Effects of Oxygen Administration on Quadriceps Neuromuscular Fatigue in Chronic Obstructive Pulmonary Disease Patients with Chronic Respiratory Failure and Long-Term Oxygen Therapy
Mara Paneroni (Mazzano (BS), Italy), Carla Simonelli, Beatrice Salvi, Massimo Venturelli, Michele Vitacca

A study on respiratory rehabilitation strategies for patients in respiratory intensive care unit transitioning to home care
Yanbing Jiang (changchun City, China), Yue Zhang, Hongjing Lin

PS-20 Session 12:30 - 14:00

Poster session: Changes in lung function: determinants, modifiers and outcomes

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Public health Imaging Cell and molecular biology

Chairs : Ben Knox-Brown (Moulton, United Kingdom), Obianuju Beatrice Ozoh (Lagos, Nigeria)

Sex differences in COPD in relation to smoking exposure: A population-based cohort study
Yunus Çolak (Espergærde, Denmark), Børge G Nordestgaard, Peter Lange, Shoaib Afzal

Lifetime hormonal exposure and lung function in women: A cross-sectional analysis from the CONSTANCES cohort
Assia Oufella (Villejuif, France), Laurent Orsi, Marie-Christine Delmas, Orianne Dumas, Rachel Nadif, Sofiane Kab, Anna Ozguler, Marie Zins, Nicolas Roche, Thierry Perez, Marianne Canonico *, Bénédicte Leynaert *

Staging of airflow limitation according to GOLD, STAR and FEV1Q differ in relation to mortality in COPD patients in the Swedish National Airway Register
Oskar Wallström (Göteborg, Sweden), Helena Backman, Caroline Stridsman, Fredrik Nyberg, Lowie Vanfleteren

The added value of lung function in allostatic load scoring for mortality risk assessment: data from the Austrian LEAD Study
Mohammad Azizzadeh (Vienna, Austria), Emiel F. M. Wouters, Ahmad Karimi, Daisy J. A. Janssen, Bart Spaetgens, Sylvia Hartl, Robab Breyer-Kohansal, Marie-Kathrin Breyer

Trends in prevalence of PRISm and RSP: Pre- and post-bronchodilator spirometry
Ruonan Pei (Edinburgh, United Kingdom), Ting Shi, Ximing Liao, Jing Gao, Kun Wang, Wujian Xu

Discrepancies Between Observed and Self-Classified Race in Spirometry Interpretation: Insights from the Canadian Longitudinal Study on Aging
Amin Adibi (Vancouver, Canada), Emily P. Brigham, Chris Carlsten, Peter Loewen, Don D. Sin, Mohsen Sadatsafavi

Total lung capacity and spirometric patterns – a general population study
Tomi Myrberg (Södra Sunderbyn, Luleå, Sweden), Anne Lindberg, Caroline Stridsman, Eva Rönmark, Linnea Hedman, Helena Backman

Factors associated with low lung function in young adults in Karachi, Pakistan.
Shama Razzaq (Hong Kong, China), Asaad Ahmed Nafees, Unaib Rabbani, Muhammad Irfan, Andre Fs Amaral

Emphysema Severity Index (ESI): a new spirometric parameter in epidemiology
Laura Carrozzi (Pisa (PI), Italy), Sara Maio, Giovanni Viegi, Francesco Pistelli, Giuseppe Sarno, Anna Angino, Ilaria Stanisci, Sofia Tagliaferro, Patrizia Silvi, Giovanni Cenerini, Michele Paladina, Mariaelena Occhipinti, Matteo Paoletti, Sandra Baldacci, Massimo Pistolesi

Impact of primary care related predictors on mortality risk in obstructive airway diseases
Frauke Van Vaerenbergh (Ninove, Belgium), Delphine Vauterin, Maxim Grymonprez, Guy Joos, Lies Lahousse

The value of genotyping in Alpha-1 Antitrypsin Deficiency (AATD) diagnosis
Marina de la Escosura Muñoz (Pamplona, Spain), Pablo Sanchez-Salcedo, Carlos Idoate Domenech, Ana Jose Martin Serrablo, Sergio Miguel Curi Chercoles, Pilar Cebollero Rivas

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White blood cells and respiratory outcomes in the Nordic BOLD follow-up study
Lucia Cestelli (Bergen, Norway), Andre Amaral, Bryndis Benediktsdottir, Thorarinn Gislason, Rain Jogi, Andrei Malinovschi, Rune Nielsen, Christer Janson

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Novel chronic obstructive pulmonary disease case-finding strategy based on the National COPD Screening Programme
Qing Liu (Beijing, China), Hongtao Niu, ruirui Duan, Ting Yang

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COPD Mortality in 2022 in Spain. Differences with AMI mortality?
Felipe Villar Alvarez (Madrid, Spain), Ana Roncero Martín, Jordi Gisbert Soler, Juan Moreno González, Luciano Escudero Herrera, Eunice Funenga Fitas, Jesús Medina Alonso, Joaquín Sánchez-Covisa Hernández, Alejandra De Las Heras Gaite, Eduardo Fernández Díaz-Crespo, Enrique Barceló González, Cristina García Sánchez, César Velasco Muñoz, Ana Pérez Dominguez

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Associations between inflammation-related plasma proteins and lung function in adolescents from the general population
Karin Ersson (Uppsala, Sweden), Kjell Alving, Christer Janson, Henrik Johansson, Andrei Malinovschi

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Development and Validation a Nomogram to predict long-term mortality risks of PRISm and mild to moderate COPD: the evidence in the United States Population from NHANES 2007–2012
Xiangqing Hou (Guangzhou, China)

Metabolic comorbidities in Preserved Ratio Impaired Spirometry (PRISm): A systematic review and meta-analysis
Robert Chapman (London, United Kingdom), Daryl Cheng, Rishi Gupta, John Hurst, Joseph Jacob

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Frequency and characteristics of emphysema in adults with FLNA gene variations: a single-center preliminary study.
Arthur Michalski (Lille, France), Catherine Vincent-Delorme, Silvia Demoulin-Alexikova, Thomas Smol, Paul Felloni, Olivier Le Rouzic, Thierry Perez, Nathalie Bautain, Lidwine Wemeau, Malika Balduyck, Farid Zerimech, François Pontana, Pascal Delsart, Emeline Cailliau, Cécile Chenivesse, Victor Valentin

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Status of Alpha-1antitrypsin deficiency (AATD) Screening in Chronic Obstructive Pulmonary Disease (COPD) Patients in Pulmonology Units of Western Andalusia.
BELEN Muñoz Sánchez (Sevilla, Spain), Armando Falces-Sierra, Ana Fulgencio-Delgado, Antonio Ruiz-Reina, Eva Vázquez-Gandullo, Francisco Luis Gil-Muñoz, Virginia Almadana-Pacheco, Cristina Carrasco-Carrasco, Carmen Cabrera-Galán, Antonio Requejo-Jiménez, Alba Fernández-Boza, Jose Luis Lopez-Campos

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Retrospective screening for AATD identification by serum electrophoresis in hospital setting
Veronica Capuano (Monza, Italy), Alberto Aloi, Filippo Biagini, Paola Pettini, Antonio Iuliano

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PS-11 Session 12:30 - 14:00

Poster session: Mechanisms of accelerated ageing in lung diseases and anti-ageing interventions

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Epidemiology | Public health | Cell and molecular biology | Imaging | Respiratory intensive care

Chairs : Chair to be confirmed

Establishing a robust model for TGFβ induced endothelial damage and its translation to chronic lung disease
Vanessa Ho (London, United Kingdom), Shuo Wong, Jasmin Sidhu, Jiahui Dong, Daisy Gresham, Karen Nyga, Jack Houghton, Jianan Lu, Aaron Braddy-Green, Mairi Macleod, Jadwiga Wedzicha, Anna A Randi, Louise E Donnelly, Peter J Barnes, Charis Pericleous, Koralia Paschalaki

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Accelerated epigenetic age in Bronchiectasis
Pau Marrades Segura (Badalona (Barcelona), Spain), Sandra Casas-Recasens, Lidia Perea, Belen Solarat, Julieta Viglino, Rosanel Amaro, Pilar Martinez-Olondris, Alvar Agustí, Oriol Sibila, Rosa Faner

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Increased immunosenescence leads to airway remodeling in COPD
Irfan Rahman (Rochester, United States), Gagandeep Kaur

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cGAS-STING signaling pathway is involved in IL-17A-induced Cellular Senescence and lung fibrosis
Irfan Rahman (Rochester, United States), Sadiya Shaikh

A novel ECM human lung proteome atlas of healthy aging and COPD.
Delphine Beaulieu (Pittsburgh, United States), Joanna Bons, Eileen Liu Huang, Mark A. Watson, Jacob P. Rose, Christina D. King, John Sembrat, Oliver Eickelberg, Birgit Schilling, Melanie Koenigshoff

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BCLXL-PROTAC as a senolytic therapy in COPD alveolar type II cells
Yiling Guo (London, United Kingdom), Peter Fenwick, Louise Donnelly, Peter Barnes

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Senolytic Targeting of Airway Epithelial Senescence Disrupts Type 2 Inflammatory Signaling: A Preclinical Strategy for Refractory Asthma Treatment
Xiaoyang Liao (Guangdong province, China), Jian Wu

Anti-fibrotic and anti-senescent effects of telomerase modRNA in human pulmonary fibrosis
Christina Hesse (Hannover, Germany), Jia Li Ye, Klaudia Grieger, Kevin Schmidt, Patrick Zardo, Christopher Werlein, Katherina Sewald, Shambhabi Chatterjee, Christian Bär

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Effects of Nerandomilast on Alveolar Type 2 Cell Senescence and Fibrosis-Related PATS Accumulation in Pulmonary Fibrosis
Shun Inukai (tokyo, Japan), Masahiro Yoshida, Saburo Ito, Tomoya Maruyama, Kosuke Miyamura, Saiko Nishioka, Sachi Matsubayashi-Hosokawa, Shunsuke Minagawa, Takanori Numata, Hiromichi Hara, Jun Araya

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Prophylactic quercetin attenuates pulmonary fibrosis via ferroptosis-resistant priming of alveolar epithelial cells
Lu Yin (Nanchang, China), Yang Qiao, Xie Cheng

Cellular senescence in an aged murine bleomycin-induced pulmonary fibrosis model.
Maya Renfrew (Cambridge, United Kingdom), Joseph Lee, Natasha Scott, Stephen Jordan, Monica Ayine, Ling Li, Alice Ghidini, Ben Lee, Lorna Harries, Tim S Schmidt

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Premature alveolar epithelial and endothelial ageing with vascular muscularization after neonatal oxidative stress is associated to dysregulation of NOTCH3 and NOTCH4 activity
Mohammad Amin Mahjoub (Giessen, Germany), Stephanie Stephan, Ivana Mižik, Alex Claveria Cabello, Oleksiy Klymenko, Dharmesh Hirani, Chaitra Pujari, Christina Vohlen, Margarida Barroso, Alejandro Egea-Zorrilla, Anoop Cherian, Werner Seeger, Soni Savai-Pullamsetti, Susanne Herold, Ana Pardo-Saganta, Miguel Angel Alejandre- Alcázar

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Assessing Smoking-Related Age Acceleration and the Role of Diet: A Cross-Sectional Study Using Epigenetic Clocks
Azaan Zaki (LONDON, United Kingdom), Ian Mudway, Oliver Robinson

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The Role of TFEB in IPF Pathogenesis: Regulation of Alveolar Type II Epithelial Cell Stemness
Tomoya Maruyama (Tokyo, Japan), Masahiro Yoshida, Kosuke Miyamura, Shun Inukai, Saiko Nishioka, Sachi Matsubayashi-Hosokawa, Saburo Ito, Shunsuke Minagawa, Takanori Numata, Hiromichi Hara, Jun Araya

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Inhibition of senescence-associated β-Galactosidase by Amiloride in senescent airway epithelial cells
Shyreen Hassibi (London, United Kingdom), Jonathan Baker, Kazuhiro Ito

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The impact of oxidative stress on the development of bronchopulmonary dysplasia in pretern infants
Adelina Procopi (Chisinau, Republic of Moldova), Svetlana Sciuca, Olga Tagadiuc, Mariana Filimon-Ceahlău, Aliona Cotoman, Rodica Selevestru, Eva Gudumac

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Endothelial senescence as a key driver of COPD-Induced Pulmonary Hypertension
huilin yu (chongqin, China), Ke Liao, Hong Chen

Lifetime small airways function trajectories: early life risk factors and future COPD
Jiacheng Liu (Melbourne, Australia), Jennifer Perret, Caroline Lodge, Don Vicendese, Sabrina Idrose, Adrian Lowe, Jonathan Pham, Alan James, Garun Hamilton, Iain Feather, Seif Shaheen, John Holloway, Cecilie Svanes, Michael Abramson, Haydn Walters, Shyamali Dharmage, Dinh Bui

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Effect of the novel senolytic drug, BCL-xL-PROTAC, on small airway fibroblasts in COPD
Justine Devulder (London, United Kingdom), Peter Fenwick, May Al-Sahaf, Patrizia Viola, Neetu Razdan, Raphael Lemaire, Lina Odqvist, Louise Donnelly, Peter Barnes

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Investigating How Telomere-Related Mutations Influence iPSC Reprogramming in a Model of Short Telomere Associated Pulmonary Fibrosis.
Amy Duffy (Dublin, Ireland), Xi Jing Teoh, Wan Lin Ng, Aoife Carolan, Mari Ozaki, Killian Hurley

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PS-16 Session 12:30 - 14:00

Poster session: COPD: from underlying mechanisms to clinical relevance

Disease(s) : Airway diseases

Method(s) : Imaging Physiology Pulmonary function testing General respiratory patient care Cell and molecular biology Epidemiology

Chairs : James Baker (MANCHESTER, United Kingdom), Chair to be confirmed

Th17 responses mediate functional and structural lung changes in COPD- and Obesity- induced model
Alyne Riani Moreira (maua, Brazil), Leticia Costa Mattos, Camila Uchoa Da Silva, Jussara Jesus Simão, Veronica Camargo Berti, Francine Maria Almeida, Alex Ferreira Da Silva, Franciele Jesus Lima, Suellen Karoline Moreira Bezerra, Ana Luiza Porfirio Da Silva, Cintia Nascimento Da Silva, Maria Isabel C. Alonso- Vale, Iolanda Fatima Lopes Calvo Tiberio, Fernanda Degobbi Tenorio Quirino Santos Lopes

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Serum Levels of Follistatin-like 1, NF-kB, and Hypoxia-Inducible Factor-1 alpha in Chronic Obstructive Pulmonary Disease
Hassan Ghobadi-Marallu (Ardabil, Islamic Republic of Iran), Mohammad Reza Aslani, Elaheh Khorasani

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Impact of eosinophilic phenotype on clinical outcomes in COPD patients
Tsu Chuan Li (Taipei, Taiwan), Pi Hung Tung, Chen Chuan Hsu, Shu Min Lin

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Airway Oscillometry in COPD Patients with Mucus Plug
Titilope Olanipekun (Boston, United States), Sofia Mettler, Nirmal Sharma, Alejandro Diaz

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Transcriptomic changes in COPD with chronic bronchitis patients following metered cryospray
Alexandra Baikov (London, United Kingdom), Christopher M Orton, Ali Versi, Nadia J Fernandes, James Tonkin, Katie Raby, Rebecca Wawman, Richard D Williams, Nik Matthews, Pallav L Shah, Pankaj Bhavsar

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Metabolic Changes in COPD: A Comparative Metabolomic Approach with Healthy Individuals
Marilia Machado (Botucatu, Brazil), Jezreel Pantaleón García, Matheus Callegari, Mariana Gatto, Robson Prudente, Estefania Franco, Luis Fernando Brizola, Hebreia Souza, Suzana Tanni

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On the progression of airway mucus-occlusions over 12 years in ex-smokers with and without COPD
Joshua Peters (, Canada), Sam Tcherner, Olivia Gater, Ali Mozaffaripour, Eveline Durom, Grace Parraga

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An observational study to assess the prevalence of preserved ratio impaired spirometry (PRISm) among smokers
Ashok Kuwal (Jodhpur, India), Chaina Ram Choudhary, Stacy Martin, Samiksha Singla, Sikandar Faujdar

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Prevalence of Preserve Ratio Impaired Spirometry (PRISm) in a tertiary government hospital in the Philippines, Its association with gender, smoking history and body mass index and the incidence of airflow limitation after a 3 year follow up
Jillian Yvonne Canlas (Caloocan City, Philippines), Cary Amiel Villanueva, Joel Santiaguel

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Oscillometry as a Diagnostic Tool for Small Airways Obstruction in Symptomatic At-risk Individuals with Normal Spirometry: Baseline Data from the IeCAN Study
Milind Sovani (Nottingham (Nottinghamshire), United Kingdom), Rajesh Swarnakar, Tarang Kulkarni, Sapna Madas, Charu Singh, Rakesh Chawla, Saibal Moitra, D J Christopher, Sheetu Singh, Parvaiz Kaul, Anant Mohan, Apoorva Singh, S N Gupta, Vandana Das, Akanksha Nayak, Abhishek Sabale, Rashmi Kadam, Sundeep Salvi, Raja Dhar

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Computed Tomography Imaging to Identify Diagnostic Instability in Mild-to-Moderate COPD: A 3-year Prospective Cohort Study
Fan Wu (Guangzhou, China), Zhishan Deng, Kunning Zhao, Yumin Zhou, Pixin Ran

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Expiratory flow limitation (Δx5) can be a new marker of COPD severity.
Sampat Dash (Cuttack (Odisha), India), Umesh Mohan Bhisade, Satya Ranjan Mohanty, Nibedita Panda, Ambika Prasad Nayak

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Validation Study of Rome Criteria for Assessing COPD Exacerbation Severity and Predicting Clinical Outcomes:TTS-COPD Assembly
Ayşe Baha (Lefkosa, Cyprus), Caner Baysan, Sibel Atis Nayci, Eylem Sercan Ozgur, Tugce Karamustafaoglu, Elif Sen, Elif Selcuk, Gözde Mit, Aylin Ozgen Alpaydin, Burcu Ozturk, Kubra Taskaraca Karabacak, Nurdan Kokturk, Sule Akbulut, Oya Baydar, Yelda Varol, Sumeyye Kodalak, Dorina Esendagli, Alev Gurgun, Elnaz Emdadian, Zehra Nur Toreyin, Asli Alkan, Umran Sertcelik, Ipek Ozmen, Esra Ulu Elabed, Hatice Kilic, Mehmet Polatli, Osman Hilmioglu

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Performance of DECAF and BAP 65 scores in assessment of acute exacerbation of chronic obstructive pulmonary disease
Abirami Dharmalingam (Chennai, India), Roopashri Gopal, Monika Sivakumar, Benitta Jasmine Jawahar

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Mortality in patients with COPD post-hospitalization for AECOPD: a tertiary care experience from Mumbai, India
Soumya Kanti Ghatak (mumbai, India), Zarir F Udwadia, Radhika Banka, Jai Mullerpattan, Lancelot M Pinto

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An analysis of Fried and Rockwood Clinical Frailty scales to predict readmission and mortality in patients with acute exacerbations of COPD
Emily Siviter (Leicester, United Kingdom), George Mills, Cara Flynn, Omer Elneima, Tracy Thornton, Sarah Glover, Sally Singh, Neil Greening, Hamish Mcauley

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Evaluation of small airway function changes during acute exacerbation of chronic obstructive pulmonary disease using Impulse Oscillometry (IOS) device
Seda Akalin Karaca (Istanbul, Turkey), Esra Ertan Yazar, Deniz Koçak, Hazal Karadağ, Burcu Yigitbas, Deniz Bilici, Handan Ankaralı

Correlation of diaphragmatic mobility with quality of life, symptoms, and exercise capacity in smokers with preserved pulmonary function
Besim Morina (Prishtina, Kosovo), Blerina Dervisholli, Edison Suka, Mark Ross, Driton Hoti, Valmir Muhaxheri, Leujeta Shabanaj, Flamur Marku, Burim Neziri

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MProcida AATD variant: from Campi Flegrei to the ancient Island of Aphrodite Cyprus
Effrosyni D. Manali (Athens, Greece), Martina Veith, Frangiskos Frangopoulos, Tonia Adamide, Andriana I. Papaioannou, Apostolos Malatras, Dionysios Fanidis, Malika-Leila Balduyck, Ilaria Ferrarotti, Christine Lombard, Maria Kallieri, Danae Flouri, Farid Zerimech, Marie-Françoise Odou, Magali Dechomet, Elvira-Markela Antonogiannaki, Vasiliki Apollonatou, Lykourgos Kolilekas, Stefania Ottaviani, Vincent Cottin, Claus Vogelmeier, Timm Greulich, Jean-François Mornex, Constantinos Deltas, Spyros A. Papiris

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A feasibility study to assess a rapid, AI enabled point-of-care device to support COPD diagnosis in the NHS
Lauren Hudson (Oxford, United Kingdom), Mamta Bajre, Gabriel Lambert, Mark Gleeson, James Rose

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PS-35 Session 12:30 - 14:00

Poster session: Population-based studies in interstitial lung diseases

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Palliative care Pulmonary function testing Epidemiology Endoscopy and interventional pulmonology General respiratory patient care Imaging Transplantation Cell and molecular biology Public health

Chairs : Antje Prasse (Hannover, Germany), Chair to be confirmed

A RETROSPECTIVE, OBSERVATIONAL STUDY OF SPANISH HYPERSENSITIVITY PNEUMONITIS COHORT
Laura Rossi (Modena, Italy), Arnau Lagarda-Tous, Judith Peñafiel-Muñoz Peñafiel-Muñoz, Matteo Fontana, Elena Prina, Maria Guadalupe Bermudo Peloche, Cerri Stefania, Nicola Cosimo Facciolongo, Maria Molina-Molina, Vanesa Vicens-Zygmunt

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Attitudes to symptom palliation and palliative care amongst people with interstitial lung disease and their carers
Natasha Smallwood (Melbourne (VIC), Australia), Lena Ly, Vanessa Cservid, Umbreen Qazi, Catherine Buchan, Amy Pascoe, Nicole Goh

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Thoracic ultrasound in patients with fibrosing interstitial lung diseases: a systematic review.
Sanjeewa Patabendige (Aabenraa, Denmark), Casper Falster, Henrik Z Langkilde, Stefan M. W. Harders, Elisabeth Bendstrup, Michael Thomas Durheim, Jesper Rømhild Davidsen

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Clinical and functional characteristics of our pneumoconiosis cases
Pınar Yıldız Gülhan (duzce, Turkey), Esra Oguz, Özlem Ataoğlu, Ege Gulec Balbay, Peri Meram Arbak

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The increasing secondary burden from Hypersensitivity Pneumonitis in England
Ella Girdler (Perth, Australia), Michael Hoskins, Joanna Porter, Vidya Navaratnam

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The mortality burden of hypersensitivity pneumonitis across Europe
Ella Girdler (Perth, Australia), Michael Hoskins, Francesca Gonnelli, Kerri Johannson, Vidya Navaratnam

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Trends in the demographic profile of Interstitial Lung Disease at a tertiary care center in India: A decadal analysis
Sheetu Singh (Jaipur (Rajasthan), India), Virendra Singh, Bharat Bhushan Sharma, Arvind Kumar Sharma, Nishtha Singh

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Toll interacting protein (TOLLIP) serum concentration in patients with systemic sclerosis-associated interstitial lung disease (SSc-ILD): A novel biomarker?
Niels Schröder (Essen, Germany), Jitka Andrä, Diana Knuth-Rehr, Silke Leja, Nicolas Hunzelmann, Eda Börner, Francesco Bonella

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Automated AI detection of interstitial lung disease on CT in the COPDGene trial: sub-analysis of COPD vs. non-COPD patients
Sahithee Batchu (San Francisco, United States), Sean Callahan, Angad Kalra, Michael Muelly, Joshua Reicher, Tejaswini Kulkarni

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Prevalence and associated factors of lung progression in patients with rheumatoid arthritis and interstitial lung disease
Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina), Daniela Camargo, Nerina Rodriguez Giambagli, Sebastian Marciano, Gustavo Citera

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PROGRESSIVE FIBROSING INTERSTICIAL LUNG DISEASE OF AUTOIMMUNE ORIGIN AND ANTIFIBROTIC MEDICATION: SOCIODEMOGRAPHIC, CLINICAL AND THERAPEUTIC CHARACTERISTICS OF THE NEREA COHORT
Cristina Matesanz Lopez (Madrid, Spain), Pablo Moreno- Fresneda, María Asunción Nieto- Barbero, Cristina Vadillo-Font , Olga Sánchez-Pernaute, María Jesús Rodríguez-Nieto, Rosalía Laporta-Hernández, Lydia Abásolo-Alcázar

The challenge of defining progression: comparison of different criteria for classification of Progressive Pulmonary Fibrosis in a real-life setting
Giuseppe Muscato (Catania, Italy), Enrico Sciacca, Alessandro Libra, Antonio Alaimo, Lucia Spicuzza, Stefano Palmucci, Gianluca Sambataro, Carlo Vancheri

Radiological evolution of severe SARS-CoV-2 Pneumonia: A 48-Month cohort study.
Ahmad Hamod Tammawi (Girona, Spain), Gladis Sabater Talaverano, Erick Roberto Linares Paz, Oscar Martin Clopes, Marc Bonnin Vilaplana, Ramon Orriols Martinez, Saioa Eizaguirre Anton

All cause admissions in interstitial lung diseases: A retrospective cohort study
Gayathri Mohan (Birmingham, United Kingdom), Joshua Harridine, Aylin Ugurlu, Paul Ellis, Gareth Walters, Christopher Huntley

Long-term outcomes of lung transplant patients due to interstitial lung diseases
Ana Belén Llanos Gonzalez (La Orotava, Spain), Enrique González Dávila, Paula Pérez De Armas, Nelson Mesa León, Laura Ferreiros De La Campa, Sara De Lucas Altable, Candelaria Martín García, Elena Pérez Hernández, Juan Abreu González, Sara García Gil, Orlando Acosta Fernández

Clinical score for probability of pulmonary hypertension in a cohort of interstitial lung diseases
Ana Karem Saucedo Pruneda (Mexico City, Mexico), Araceli Chávez Duarte, Karen Martínez-Espinosa, Ivette Buendia-Roldan

Progressive fibrosing interstitial lung disease non-IPF followed in a pulmonology departement
Sara Talha (Oran, Algeria), Oussama Boukhalfa, Asma Boukhari, Afif Benzait, Mohamed Abdelatif Bennani

Age-standardised Prevalence, Incidence and Mortality Rates of ILD in Saudi Arabia: A systematic analysis of ILD from 1990 to 2021
Malik A Althobiani (London, United Kingdom), anne-Marie Russell

The Association Between Anti-MDA5 antibody and Clinical manifestations in DM or PM Patients with ILD: A Systematic Review and Meta-analysis
Yidan Sun (Shanghai, China), Tiantian Zhang, Guochao Shi

Pulmonary hypertension in patients with moderate to severe hypersensitivity pneumonitis
Tjasa Kamenski (Klagenfurt, Austria), Adrienn Tornyos, Luka Brcic, Emina Talakic, Helmut Prosch, Izidor Kern, Holger Flick, Katarina Zeder, Grazyna Kwapiszewska, Alberto Benazzo, Horst Olschewski, Nikolaus Kneidinger, Gabor Kovacs

PS-15 Session 12:30 - 14:00

Poster session: Unblocking the airways: innovations in mucus-targeted therapy and novel data on phosphodiesterase inhibitors

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Physiology Pulmonary function testing Cell and molecular biology Surgery

Chairs : Alejandro A Diaz (Arlington, United States), Efthymia Papadopoulou (Thessaloniki, Greece)

Effectiveness of Erdosteine plus SITT (single inhaler triple therapy) in preventing exacerbation in comparsion to SITT in Non-smoker COPD: A muticenter study
Shital Vishnu Patil (Latur (Maharashtra), India), Ashok Bansode, Sanidhaya Tak, Swati Narwade, Ganesh Narwade, Gajanan Gondhali, Ashok Kuwal

Focused Pulse High-Frequency Chest Wall Oscillation (FP-HFCWO) for Mucus Clearance in COPD and Asthma: A Single-Center Experience
Pier-Valerio Mari (Roma (RM), Italy), Angelo Coppola, Lorenzo Carriera, Francesco Macagno

Evaluation of effectiveness of nebulized hypertonic sodium chloride solution and its combination with hyaluronic acid in patients with stable COPD
Dmytro Dobrianskyi (Kyiv, Ukraine), Galyna Gumeniuk, Alina Dorokhova, Oleh Iaremenko

Ivy leaves dry extract EA575 shows mucoactive, antitussive, and anti-inflammatory activity in vivo
Natalia Machajewski (Niederdorfelden, Germany), Matthias Hufnagel, André Rademaekers, Hanns Häberlein, Sebastian Franken

Efficacy of ivy leaf dry extract EA575 in an acute inflammation animal model
Matthias Hufnagel (Niederdorfelden, Germany), Natalia Machajewski, André Rademaekers, Hanns Häberlein, Sebastian Franken

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Acceptability of an oscillating positive expiratory pressure (OPEP) device by respiratory disease patients
Jason Suggett (London (ON), Canada), Sheila Wang, David Sydor

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Proteomic analysis of sputum samples for the isolation and characterization of mucins in patients with bronchial asthma: a pilot study
Despoina Ioannidou (Thessaloniki Kalamaria, Greece), Katerina Georgoula, Charikleia Ntenti, Stefania Maniatsi, Martina Samiotaki, Konstantina Psatha, Antonis Goulas, Michalis Aivaliotis

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Impact of mucociliary clearance on the dissolution and absorption of micro drugs in airway surface liquid
Mohammadhadi Sedaghat (Nicosia, Cyprus), Pinelopi Anagnostopoulou, Omid Abouali, Stavros C. Kassinos

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Mepolizumab effectiveness on mucus plug in severe eosinophilic asthma
Raffaele Campisi (Catania, Italy), Santi Nolasco, Martina Bonsignore, Andrea Nardo, Concetta Giannì, Nunzio Crimi, Carlo Vancheri, Claudia Crimi

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Safety and efficacy of nebulized BromAc® in asthma: preclinical models
Ahmed Mekkawy (Kogarah, Australia), Md Khalilur Rahman, Krishna Pillai, Samina Badar, Javed Akhter, Sarah Valle, David Morris

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Evaluation of BromAc® as a potent mucolytic for thick purulent sputum in Obstructive Lung Disease.
Mathew Eapen (Hobart (TAS), Australia), Pooja Narang, Nicole Valle, Javed Akhter, David L Morris, Sarah J Valle

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Characterization of bronchoconstrictor response during induced sputum induction in asthmatic patients
Cristina Buccheri (Livorno Ferraris, Italy), Giuseppe Guida, Stefano Pizzimenti, Francesca Bertolini, Vitina Carriero, Elisa Arrigo, Stefano Levra, Fabio Luigi Massimo Ricciardolo

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Effectiveness and tolerability of acebrophylline in patients with chronic obstructive pulmonary disease: a real-world retrospective study from electronic medical records
Chintan Khandhedia (Mumbai, India), Prahlad Prabhudesai, K S Satish, K K Pandey, Indranil Halder, D K Chauhan, Sailaja K, Naveen Kumar Ailawadi, Kaushik Dutta, Suma P Kumar, Rahul Rathore, B P Verma, Shruti Dharmadhikari, Chaitanya Bhargave, Amey Mane, Suyog Mehta

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Asthma Control and Quality of Life in Greek Asthma Patients With Allergic Rhinitis Treated With Budesonide/Formoterol FDC: A Subgroup Analysis From the NOTOS Study
Maria Bertoli (Pikermi, Greece), Konstantinos Samitas, Eleni Tzortzaki, Alexandros Ginis, Nikoletta Rovina

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Targeting PDE4 to promote lung repair in COPD
Valentina Violi (Parma, Italy), Rocio Fuentes-Mateos, Pratama A. Saputra, Barbro N. Melgert, Fabrizio Facchinetti, Gino Villetti, Reinoud Gosens

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Efficacy of low-dose theophylline for treatment-naïve biomass-associated COPD: a pilot randomized trial.
Patricia Alupo (Kampala, Uganda), Min Lu, Sibei Liu, Nicole Robertson, Dipan Karmali, Peter D. Jackson, Suzanne Pollard, Nakawunde Robina, Muyama S Rachel, Job F.M Van Boven, Robert Wise, John Hurst, Bruce Kirenga, William Checkley, Trishul Siddharthan

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Roflumilast in COPD: qualitative analysis of Greek Pulmonologists' prescribing practice
Efthymia Papadopoulou (Thessaloniki, Greece), Vasileios Tsaousis, Stavroula Bousmoukilia, Alexandros Ginis, Stavros Tryfon

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Ensifentrine induces anti-inflammatory effects in isolated airways from COPD donors
Luigino Calzetta (Roma (RM), Italy), Shima Gholamalishahi, Tara Rheault, Paola Rogliani

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The effect of ensifentrine on COPD symptoms and quality of life according to baseline dyspnea level
Jadwiga A Wedzicha (London, United Kingdom), Tara Rheault, Amy Dixon, Daniel Reyner, Kathleen Rickard, Frits Franssen

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The effect of ensifentrine on lung function and exacerbations in patients with COPD according to baseline dyspnea
Frits M.E. Franssen (Maastricht, Netherlands), Tara Rheault, Amy Dixon, Daniel Reyner, Kathleen Rickard, Jadwiga Wedzicha

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PS-1 Session 12:30 - 14:00

Poster session: Respiratory infections: current challenges and future directions

Disease(s) : Airway diseases Thoracic oncology

Method(s) : General respiratory patient care Epidemiology Respiratory intensive care Public health Imaging Endoscopy and interventional pulmonology Surgery Cell and molecular biology

Chairs : Laura Fregonese (London, United Kingdom), Chair to be confirmed

Characterization of Diagnosed Streptococcus pneumoniae Serotypes in COPD Patients
Rano Nalibaeva (Tashkent, Uzbekistan), Irina Liverko

Looking Beyond Flu: Superadded Infections in Influenza Patients
Raja Dhar (Kolkata (West Bengal), India), Beauty Biswas, Amrita Bhattacharyya, Arup Halder, Shyam Krishnan, Arun Pankaj, Diptendu Dey

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The risk of acute exacerbations of chronic obstructive pulmonary disease following acute myocardial infarction
Freddy Frost (Liverpool, United Kingdom), Mert Kaskal, Tommaso Bucci, S.H.M. Lam, Gregory Lip

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Risk of Acute Exacerbation of Chronic Obstructive Pulmonary Disease after COVID-19 Recovery: A Nationwide Population-based Cohort Study
Hyun Lee (Seoul, Republic of Korea), Sang Hyuk Kim, Cheon Woong Choi, Youlim Kim, Ji-Yong Moon, Kwang Ha Yoo, Young Whan Kim, Min Ji Kim, Jong Seung Kim, Kyung Hoon Min

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Diagnostic Value and Safety of EBUS Combined with Q-mNGS in Nonresolving or slowly resolving pneumonia: A Large-scale Cohort Study
Qiquan Zhao (chongqing, China), Shuliang Guo

Leukocyte profile in Mycoplasma pneumonia: A Retrospective Observational Study
Jahanara Rahman (Dubai, United Arab Emirates), Beena Thomas

Factors influencing hospital length of stay in patients with pneumonia: a retrospective one-year study
Maria Arminio (Pavia, Italy), Marianna Russo, Lucrezia Pisanu, Klodjana Mucaj, Lorenzo Arlando, Simone Montini, Elisabetta Gallo, Ilaria Giana, Emanuela De Stefano, Mitela Tafa, Francesco Rocco Bertuccio, Valentina Conio, Giulia Maria Stella, Angelo Guido Corsico

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Machine Learning for COVID-19 Risk Prediction: Vaccination as a Cornerstone for Better Outcomes
Caner Çınar (istanbul, Turkey), Murat Özdede, Zehra Yücel, Zeynep Özge Öztürk, Betül Sena Günay, Mine Durusu Tanrıöver, Sait Karakurt

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Can we rely on CRP as a severity criteria for eCOPD?
Bohdana Basina (Dnipropetrovsk, Ukraine), Nataliia Kravchenko, Tetiana Kirieieva

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Does serum C-reactive protein to albumin ratio in patients with community-acquired pneumonia (CAP) represent a new challenge in clinical practice?
Radmila Dmitrovic (Belgrade, Republic of Serbia), Biljana Lazovic

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A cross-sectional study explores associations between pertussis and asthma among children in rural areas
Lang Cuicui (Chongqing, China)

Oxidative and antioxidative stress markers in community-acquired pneumonia associated with chronic heart failure.
Valentin Calancea (Chisinau, Codru, Republic of Moldova), Virginia Cascaval, Elena Calancea, Sergiu Matcovschi, Mariana Dumitras, Diana Fetco-Mereuta, Tatiana Dumitras

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Pulmonary actinomycosis mimicking malignancies: clinical, radiological, and therapeutic features.
yasmine Hammami (tunis, Tunisia), Souhaib Atri, Imen Bouassida, Amina Ben Abdelkbir, Mariem Hadj Dahmen, Mehdi Abdennadher, Sarra Zairi, Hazem Zribi, Adel Mereghli, Jaber Chaker

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Quantitative CT parameters and clinical data combined with machine learning to predict post-acute sequelae of SARS-CoV-2
Min Zhou (Shanghai, China), Zhao Qian

The impact of COVID-19 non-pharmaceutical interventions on infectious disease epidemiology in Korea: Insights into the immune debt hypothesis
Ji Soo Park (Seoul, Republic of Korea), Narin Park, Kyunghoon Kim, Eun Lee, Hyeon-Jong Yang, Jinho Yu

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Practice patterns of hospitalized empyema patients and their outcomes in the USA
Ali Iqbal (Bensalem, United States), Saikou Saidy, Saqib Baig

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Prevalence, phenotype and clinical course of virus PCR positive severe acute exacerbations of chronic obstructive pulmonary disease (SAE)
Nathan Piette (Mornimont, Belgium), Marc Bourgeois, Eric Marchand

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Single-cycle vaccine outcompetes mRNA vaccination with transmission-blocking mucosal immunity
Fabian Otte (Basel, Switzerland), Jacob Schön, Nico Joel Halwe, Enja Kipfer, Tobias Britzke, Angele Breithaupt, Lorenz Ulrich, Jana Kochmann, Björn Corleis, Thomas Klimkait, Martin Beer, Donata Hoffmann, David Hauser

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Exacerbation of chronic obstructive pulmonary is associated with further emergency department visits
Terttu Harju (Oulu, Finland), Anna-Maria Hiltunen, Riikka-Leena Leskelä, Lalli Nurmi, Saana Saltevo

Comparative utility of the RAPID score and APACHE II score in prognostic stratification of pleural infection
Sabrine Majdoub Fehri (Nabeul, Tunisia), Oumayma Aggouni, Anis Werghemmi, Asma Fattoumi, Hamida Kwas

PS-6 Session 12:30 - 14:00

Poster session: Mechanical ventilation

Disease(s) : Respiratory critical care | Airway diseases | Interstitial lung diseases

Method(s) : Respiratory intensive care | General respiratory patient care | Physiology | Pulmonary function testing | Epidemiology | Endoscopy and interventional pulmonology

Chairs : Chair to be confirmed

The Accuracy of the Modified Dynamic Index Incorporating PaO2/FiO2 Ratio and Heart Rate Compared to the ROX Index in Predicting High Flow Nasal Cannula Outcomes Among Patients with Acute Hypoxemic Respiratory Failure
Sofia Salome Aparece-Solis (CEBU, Philippines)

Proportional assist ventilation versus pressure support ventilation to reduce respiratory effort parameters in the weaning of patients with respiratory failure: A Randomized cross-over study
Methawut Chanajapo (Bangkok, Thailand), Yuda Sutherasan, Pongdhep Theerawit

P0.1 and PMUS as predictors of clinical outcomes in mechanically ventilated patients.
Lilian E. B. Delazari (Indaiatuba, Brazil), Lígia Dos Santos Roceto Ratti, Adria Cristina Da Silva, Melissa Sibinelli, Jady Carvalho Silva Souza, Sindy Nara Fagundes Jorge, Antonio Luis Eiras Falcão

Exploring the role of dynamic mechanical power density as a weaning predictor in tracheostomized patients on prolonged mechanical ventilation: a retrospective cohort study
CHENG JUNG LI (New Taipei City, Taiwan), Chia Jung Liu, Yi Hsuan Chen, Hsiu Ling Lin, Jui Chun Wang

Survey and Implication of Ventilator High and Low Alarms :An Analysis in Respiratory Care Center
Chang Yujen (Taichung City, Taiwan), Chi Shuhua

Extending respiratory compliance monitoring towards pressure support ventilation in intubated patients using oscillometry
Andy Keymolen (Brussel, Belgium), Antoine Marchal, Sylvia Verbanck, Gerd Vandersteen, John Lataire, Joop Jonckheer

Assessing the accuracy of molecular flow sensing for the measurement of oxygen consumption
Ben D. Fuller (sheffield, United Kingdom), Jessica S. Luiz, Graham Richmond, John H. Couper, Nick P. Talbot, Grant A. D. Ritchie, Peter A. Robbins

Effect of prone positioning on respiratory parameters in intubated pediatric patients: a systematic review and meta-analysis of randomized controlled trials
Chi-Tsung Chen (Taipei, Taiwan), Ping-Hsuan Chan, Shu-Chi Mu, Hsiao-Min Chou, Shu Chen Chien

Multidimensional sequelae in survivors of severe pneumonia or ARDS: a multicenter study in Catalonia.
Laura Alcarraz Vázquez (Zaragoza (Zaragoza), Spain), Anna Vila Fornells, Rafaela Vaca Molina, Anna Sánchez Cucó, Esther García, Sulamita Carvalho, Ferrán Roche Campo, Luis Urrelo Cerrón, Neus Bofill, Jael Lorca Cabrera, Mónica Magret Iglesias, Sara Manrique, Salvador Perello Aragonés, Ferran Barbé, Jéssica González

External validation of ARDS mortality prediction model using combined clinical data and chest radiograph analysis using deep neural networks. The advantge of a scalable predictive model
Ana Cysneiros (Lisboa, Portugal), Tiago Galvão, Nuno Domingues, Rachael Cusack, Pompeo Kouroupis, Luis Bento, Ignacio Martin-Loeches

Bench test comparison of absolute humidity in cleared humidification devices and a novel humidification system
Melanie Moylan (North Turramurra, Australia), Helen Cunningham, Sandra Grau-Bartual

Comparison of scoring systems for mortality prediction in acute exacerbation of chronic obstructive pulmonary disease
SOUHA BEN SALEM (Monastir, Tunisia), Dhouha Ben Braiek, Nadine Boukadida, Rania Hidri, Sourour Bel Haj Youssef, Yosri Ben Ali, Imen Ketata, Rahma Ben Jazia, Ameni Kacem, Imen Kharrat, Jihene Ayachi

A comparative analysis of patients with nosocomial infections in a Respiratory intensive care unit during and after a pandemic: a retrospective study
Pavel Yordanov (Varna, Bulgaria), Figen Mustafa, Nikoleta Mircheva, Petar Georgiev, Anton Antonov, Konstantin Kapitanov, Pavlina Peneva, Valentina Dimitrova, Diana Petkova

Diagnostic accuracy of respiratory rate-oxygen saturation (ROx) index for outcome of extubation in adult patients who are mechanically ventilated in a tertiary hospital
Ervin Espinosa (Sta Cruz, Manila, Philippines), Lucky Joy Alcabedos, Noriel Dimaandal, Eden Sarmiento

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Respiratory frequency and arterial carbon dioxide pressure in the prognosis of highflow treated hypoxemic respiratory failure
Ibrahim Koc (Bursa, Turkey), Melike Seyda Dagdelen

Waveform-based mechanical power calculation in mechanically ventilated patients: correlation with dynamic driving pressure
Hye Min Kim (Seoul, Republic of Korea), Su Hwan Lee, Ah Young Leem, Ju Hye Shin, Min Kyung Park, Shi Hwan Jang, Kyungsoo Chung, Mindong Sung

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Impact of mechanical ventilation in acute exacerbation of interstitial lung disease: a bench study
Elise Artaud Macari (Rouen, France), Camille Thébaud, Emeline Fresnel, Shani Arrouch, Pierre-Alexandre Roger, Antoine Cuvelier, Christophe Girault

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Thoraco-abdominal synchrony assessment in hospitalized COPD acute exacerbations using respiratory inductance plethysmography: comparison between a traditionally studied parameter (phase angle) and a new proposal (global phase delay)
Mara Santomassimo (Cassano Magnago, Italy), Cristina Lalmolda, Annalisa Carlucci, Manel Luján

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A retrospective descriptive study of unit costs associated with mechanical ventilator use in general medical wards
Sunarida Munketwit (Nonthaburi, Thailand), Napplika Kongpolprom

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PS-40 Session 12:30 - 14:00

Poster session: Scan and you will see

Disease(s) : Respiratory critical care | Thoracic oncology | Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : Imaging | Pulmonary function testing | Endoscopy and interventional pulmonology | General respiratory patient care | Physiology

Chairs : Casper Falster (Odense, Denmark), Chair to be confirmed

Correlation of diaphragmatic ultrasound with pulmonary function testing in patients with chronic cervical spinal cord injury: A single center pilot study
Shane Stone (Sacramento, United States), Steven Kirshblum, Sungchul Huh, Jayme O'Connor, Lauren Murphy

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Development and validation of a novel sonographic scoring system to differentiate exudative and transudative pleural effusions-The TELL score
Rishab Rampradeep (Chennai, India), Gangadharan Vadivelu

Diaphragmatic ultrasound for assessing airway obstruction: a cross-sectional double-blind study.
Jose Daniel Cordero Marquez (Torrejon de Ardoz, Spain), Stephany Ivonne Briones Alvarado, Tinixara Hernández Hernández, Angelica Maria Quito Parra, Vanessa Gabriela Del Valle Gómez Siso, Walther Ivan Giron Matute

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Role of Thoracic Ultrasound as early predictor of talc pleurodesis failure in Malignant Pleural Effusion – Preliminary results
GAIA CIASCHINI (BERGAMO, Italy), Luca Malandrino, Giuseppe Ciaravino, Federico Raimondi, Luca Novelli, Greta Chiodini, Giampietro Marchetti, Michela Bezzi, Fabiano Di Marco

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Lung UltraSound-Pulmonary Infarction (LUS-PI): a pilot study
Francesco Tannura (Pisa, Italy), Sara Cinquini, Giovanna Manfredini, Giorgia Centolanze, Elisabetta Casto, Chiara Cappiello, Michele Paladina, Costanza Cerrini, Michela Pardini, Martina Vexina, Francesco Pistelli, Alessandro Celi, Roberta Pancani, Laura Carrozzi

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Thoracic Ultrasound in Idiopathic Pulmonary Fibrosis Evolution (TOUPIE): A Prospective Study
SYLVIE LEGUE (Tours, France), Thomas Flament, Gilles Mangiapan, Nourou Dine Bankole, Yan Min Xu, Jean Baptiste De Freminville, Laurent Plantier, Sylvain Marchand-Adam

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Diagnostic accuracy of shear wave elastography in predicting malignant pleural effusions
Doaa Magdy (Assiut, Egypt), Suzan Salama, Mai Assem, Reham Sameeh, Sahar Mahmoud

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Are you seeing what I'm seeing? Inter-rater comparison in assessing mimicked Inducible laryngeal obstruction (ILO) with trans-laryngeal ultrasound (TLUS)
Claire Slinger (Clitheroe (Lancashire), United Kingdom), Sally Richmond, Jodi Allen

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Agreement between Diaphragm Ultrasound and Pulmonary Function Testing in the evaluation of Diaphragm Function in patients with ALS
Alessandro Siena (San Giorgio a Cremano, Italy), Francesca Di Meo, Caterina Debelak, Alice Chillemi, Fausta Viccaro, Maria D'Andria, Arianna Sanna, Letizia D'Antoni, Paolo Palange

Physician performed ultrasound guided biopsy of thoracic lesions – single centre experience
Dora Amran (Westcliff On Sea, United Kingdom), Marcus Pittman

The value of physician led US-guided biopsies in lung cancer
Maged Hassan (Alexandria, Egypt), Tousif Baig

Diagnostic Performance of Shear-Wave Elastography in Differentiating Specific Benign Subpleural Lung Lesions
Yao-Wen Kuo (Taipei City, Taiwan), Yen-Lin Chen, Yung-Hsuan Chen, Huey-Dong Wu, Hao-Chien Wang

Prevalence of OSA and diaphragmatic ultrasound assessment in newly diagnosed ALS patients
GAIA CIASCHINI (BERGAMO, Italy), Francesco Caglioni, Luca Novelli, Christian Mazzola, Michele Capelli, Marcella Vedovello, Luca Malandrino, Roberta Trapasso, Federico Raimondi, Fabiano Di Marco

Novel Quantitative Lung Ultrasound Spectroscopy Approach to differentiate Acute Exacerbation of Pulmonary Fibrosis from Pulmonary Fibrosis – preliminary results from SAURON Study
Giovanni Pierro (Rome, Italy), Alessandro Perrotta, Federico Mento, Mattia Perpenti, Libertario Demi, Andrea Smargiassi, Riccardo Inchingolo

Echocardiographic parameters in patients with right heart failure and sarcopenia
Luis Aldo Delgado Pérez (Ciudad de México, Mexico), Arturo Orea Tejeda, Dulce González Islas, Rocío Sánchez Santillán, María José Hernández Hernández, Carlos Patricio Chávez Guzmán, Andrea Bárcenas Montiel, Danna Paola Jiménez Cruz, Ana Gabriela Meléndez Galeana, Magaly Arroyo Aguirre, Ariana Hernández Méndez, Esteban Marsel Pacheco Bazaldúa, Nadia Hernández López, Laura Patricia Arcos Pacheco, Guillermo Pérez Cortés, Esperanza Trejo Mellado, Ana Bertha Pimentel Aguilar

Diagnostic yield and safety of ultrasound-guided transthoracic biopsy in lung cancer
Mohamed Redha Selmani (Batna, Algeria), Tarek Djenfi, Rachida Djebaili

PS-10 Session 12:30 - 14:00

Poster session: Environmental exposures and extracellular matrix dynamics: impacts on lung health

Disease(s) : Airway diseases | Thoracic oncology | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Physiology

Chairs : Tania Maes (Ghent, Belgium), Chair to be confirmed

Impact of bushfire smoke extract on macrophage function and inflammation: Implications for respiratory health
Patrick Asare (Adelaide, Australia), Anthony White, Hazel Quek, Fabienne Reisen, Hubertus Jersmann, Paul Reynolds

Synergistic impact of iron and cigarette smoke on mitochondrial lipid peroxidation-induced ferroptosis
Kanika Saxena (Gothenburg, Sweden), Jenny Horndahl, Karin Ribbing, Annika Wellner, Linda Yrlid, Henric Olsson, Suzanne Cloonan, Adam Platt, Zala Jevnikar

Deleterious effects of microplastics and nanoplastics on rodent lungs: a systematic review
Bruno Henrique Couto Oliveira (Presidente Prudente, Brazil), Crystian Bitencourt Soares De Oliveira, Gabriela Fávaro Da Silva, Renata Calciolari Rossi

Targeting Bach1 and Keap1 to ameliorate oxidative stress-induced pulmonary inflammation and epithelial barrier breakdown
Dimitrios Zervas (London, United Kingdom), James Pinkerton, Thomais Markou, Mark Freeman, Pernilla Grundevik, Maria Belvisi, Mark Birrell

Association of P2Y6 receptor level with lung remodeling and cardiopulmonary function in a murine model of COPD
Andrea Méndez (Santiago, Chile), Marcelo Fonseca, Joan Orellana, Mauricio Herníquez, Mario Chiong, David Silva, Tamara Jiménez, Emilio Herrera, Jorge Toledo, Luis Peñailillo, Cristian Campos

Impaired respiratory health induced by cannabis smoking is associated with a sparse airway epithelium and elevated MUC5AC expression
Carolyn Wang (Vancouver, Canada), Gurpreet Singhera, Cassie Gilchrist, Clarus Leung, Xuan Li, Rachel Eddy, Firoozeh Gerayeli, Tawimas Shaipanich, Don Sin, Janice Leung

Abl inhibition improves endothelial repair by enhancing VEGFR2 Y1175/ERK signalling
Xiao-Qing Sun (Amsterdam, Netherlands), Wen-Jun He, Yousuke Wada, Xiaoke Pan, Anton Vonk-Noordergraaf, Harm-Jan Bogaard, Jurjan Aman

PULMONARY ARTERY REMODELING IN CENTRILOBULAR AND PANLOBULAR EMPHYSEMA: A MORPHOMETRIC ANALYSIS
Graziella Turato (Padova (PD), Italy), Erica Bazzan, Maria Conti, Simonetta Baraldo, Giorgia Puddu, Marina Saetta, Manuel G Cosio

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Cigarette Smoke Drives Polystyrene Nanoparticles-Associated Airway Epithelial Damage
Davida Mirra (Caserta, Italy), Yiannis De Meersman, Giuseppe Spaziano, Renata Eposito, Francesca Panico, Ken Bracke, Tania Maes, Bruno D'Agostino

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MEOX2-mediated epigenetic remodelling of lung epithelial cells in COPD and lung malignancy
priscila pineda villegas (groningen, Netherlands), Irene Heijink, Federico Avila-Moreno

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Structural and Elemental Alterations in Bronchi: Insights into Aging, Smoking, and COPD Progression
Linda Elowsson (Lund, Sweden), Arturo Ibáñez-Fonseca, Tom Delaire, Bryan Falcones, Nils Norlin, Jaro Ankerst, Ellen Tufvesson, Jonas S. Erjefält, Leif Bjermer, Gunilla Westergren-Thorsson

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Enhancing innovative therapies for pulmonary infections through liposomal encapsulation of tobramycin against Pseudomonas aeruginosa
Juliana Carrillo Romero (Zamudio (Bizkaia), Spain), Laura Fernández Mendez, Ibai Nafarrate, Gartze Mentxaka, Adrián García-Salvador, Jesús Ruiz-Cabello, Susana Carregal Romero, Felipe Goñi-De-Cerio

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Respiratory viruses cause ferroptosis features in lung epithelial cells
Ana Laura Manzano Covarrubias (Groningen, Netherlands), Melissa Mol Van Der Veen, Amalia Dolga, Karim Rafie, Martina Schmidt

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WISP1: A Key Player in COPD Inflammation and Autophagy
Maria Elpida Christopoulou (Freiburg im Breisgau, Germany), Eleni Papakonstantinoz, Sebastian Friedrich, Wolfram Meschede, Daiana Stolz

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Impaired lung epithelial repair responses upon mitochondrial dysfunction
Kingsley Okechukwu Nwozor (Groningen, Netherlands), Priscila Pineda Villegas, Lei Wang, Marnix Jonker, Marissa Wisman, Sven Manse, Ramon Langen, Harry Gosker, Irene Heijink

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Delineating the molecular mechanism of caffeine in bronchopulmonary dysplasia.
Emily Cash (Nottingham, United Kingdom), Amanda Tatler, Amanda Goodwin, Jillian Baker, Nancy Gomez, Prince Laryea

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The effects of long-term low-dose PM2.5 exposure on human bronchial epithelial cells and lung cancer cell lines
Meng Wang (Sydney, Australia), Richard Kim, Maija Kohonen-Corish, Hui Chen, Chantal Donovan, Brian Oliver

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Pulmonary Osteoclast-Like Cells Contribute to Asbestos-Induced Pulmonary Fibrosis
Yusuke Tanaka (Sapporo, Japan), Lori B. Pitstick, Huixing Wu, Yoshihiro Hasegawa, Yuki Takahashi, Elizabeth J. Kopras, Hirofumi Chiba, Francis X. Mccormack

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LSC - 2025 - Extracellular matrix mechanical modulation of lung mesenchymal stromal cells improves the capacit y for supporting tissue repair in COPD
Lei Wang (Groningen, Netherlands), Jeroen Leijten, Dirk-Jan Slebos, Marissa Wisman, Marnix Jonker, Thomas Van Gansbeke, Jos Olijve Olijve, Janette K. Burgess, Irene Heijink

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LSC - 2025 - A bioengineered extracellular matrix reverts disease phenotype in COPD fibroblasts
Arturo Ibáñez Fonseca (Lund, Sweden), Lykke Eskilsson, Linda Elowsson, Göran Dellgren, José Carlos Rodríguez-Cabello, Gunilla Westergren-Thorsson

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PS-17 Session 12:30 - 14:00

Poster session: Clinical management of severe asthma

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing Imaging Physiology Epidemiology General respiratory patient care Cell and molecular biology Public health

Chairs : Petros Bakakos (Athens, Greece), Chair to be confirmed

Novel insights into the comorbidity burden of severe asthma in Canada: Analysis of the Canadian Severe Asthma Registry
Nawaf Alotaibi (Vancouver, Canada), Shelley Abercromby, Mohsen Sadatsafavi, Andréanne Côté, Diane Lougheed, Brianne Philipenko, Simon Couillard, Mohit Bhutani, Hana Serajeddini, Shelley Abercromby, Dominic Friston, Ghislaine Scelo, David Price, Celine Bergeron

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Combined physiological and inflammatory biomarker assessment for risk stratification in moderate-to-severe asthma
Rory Chan (Glasgow, United Kingdom), Brian Lipworth, Zuzana Diamant, Ronald J Dandurand, Stephen J Fowler, Christopher Brightling, Dave Singh, Janwillem Kocks, Leonardo M Fabbri, Klaus F Rabe, Maarten Van Den Berge, Monica Kraft, Alberto Papi, Alvise Berti, Pasquale Comberiati, Chris Ruiwen Kuo, Francesco Menzella, Carlo Lombardi, Kathryn Prior, Sundeep Salvi, Omar S Usmani, Laura Ventura, Apostolos Bossios, Stanley Galant, Marcello Cottini, Salman Siddiqui

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Response rate of repeated patient-reported outcome measures for patients with severe asthma in the SHARP CRC registry
Lianne ten Have (Leeuwarden, Netherlands), Fleur. L. Meulmeester, J. Lanario, M. Masoli, A. Mcgahey, D. Redwood, T. Wainwright, J. Tilley, S. Doe, K. Bayani, J. Palacionyte, K. Bieksiene, C. Loureiro, M. Goncalves Cunha, P. Nogueria Costa, I. Farinha, S. Hromis, B. Dahlén, V. Yasinska, O. Tenzelius, M. Paula-Rezelj, P. Kopac, A. Zaze Bertoncel, S. Skrgat, M. Hyland, D. Harmerlijnck, Kim De Jong, Anneke Ten Brinke, Jacob K. Sont

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Follow-up of patients with severe asthma using a conversational AI virtual assistant: feasibility and impact
Mariana Mercedes Muñoz Esquerre (Barcelona, Spain), Héctor Cabrerizo Carreño, Anna Rosich Fírvida, Ana Romero Ortíz, Cristina Bellver Asperilla, Guillermo Suárez-Cuartín, Samantha Aso González, Verónica María Farieri, Isabel Díaz Martos, Salud Santos Pérez

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Obstructive Spirometric Index to predict response to oral corticosteroids in asthma attacks: a post-hoc analysis of PRISMA
Samuel Mailhot-Larouche (Sherbrooke, Canada), Carlos Andres Celis Preciado, Simon Leclerc, Martine Duval, Dominic O Cliche, Alek Morin, Felix-Antoine Vézina, Pierre Larivée, Guy Brusselle, Philippe Lachapelle, Simon Couillard

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Contribution of sputum differential cell count to the MDT decision in severe asthma management
Gaël Tavernier (Manchester (Greater Manchester), United Kingdom), Stephen Jowler Fowler, David Allen, Thomas Pantin

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Clinical remission and small airway improvements after one-year FF/UMEC/VI
Sam Tcherner (London, Canada), Ali Mozaffaripour, Eveline Durom, Anurag Bhalla, Cory Yamashita, Grace Parraga

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Healthcare resource utilization (HCRU) and costs in patients with eosinophilic granulomatosis with polyangiitis (EGPA): a retrospective observational cohort study in England
Salman H. Siddiqui (London, United Kingdom), Bo Ding, Paul Dolin, Lotte Westerink, Chris Edmonds, Danuta Kiela, Alessandra Lacetera, Pablo Suárez-Sánchez, Cono Ariti, Bélène Podmore, Álvaro Kitchin Velarde, Stephanie Y. Chen

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Mapping the Severe Asthma Questionnaire to EQ-5D-5L health utility scores in the SHARP CRC registry
Fleur L. Meulmeester (Leiden, Netherlands), Joseph Lanario, Lianne Ten Have, Matthew Masoli, S Doe, K Bayani, D Redwood, T Wainwright, J Tilley, Anneke Ten Brinke, Kristina Biekšienė, Cláudia Loureiro, M Gonçalves Cunha, P Nogueira Costa, I Farinha, Sanja Hromiš, Barbro Dahlén, Valentyna Yasinska, O Tenzelius, Sabina Skrgat, Mariana Paula-Rezelj, Peter Kopač, Ana Žaže Bertoncel, Dominique Hamerlynck, M. Elske Van Den Akker-Van Marle, Jacob K. Sont

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A 5-year retrospective review of young patients with severe asthma transitioning to a dedicated adolescent clinic
Alexandra Nanzer (London, United Kingdom), Vedant Bhardwai, Pritom Dey, Victoria To, Niall Stewart-Kelcher, Louise Thomson, Cris Roxas, Linda Green, Mariana Fernandes, Jodie Lam, Grainne D'Ancona, Jessica Gates, Faizan Haris, Jaideep Dhariwal, David Jackson

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Forced Oscillatory Technique R5-19 correlate with FEV1/FVC in severe asthma. A prospective study
Claudio Tirelli (Vaiano Cremasco (CR), Italy), Elena Maria Parazzini, Lucia Sacchi, Giulia Carone, Francesca Pescol, Sara Maggioni, Luca Alessandro Belmonte, Cristina Albrici, Simone Contino, Beatrice Re, Michele Mondoni, Stefano Centanni

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Comparison of the Inflammatory Phenotype in Induced Sputum and Nasal Cytology in Patients with Severe Asthma
Victor Guerra-Ruiz (Barcelona, Spain), Ander Goitisolo Oyon, Maria Florencia Pilia, Christian Eduardo Romero Mesones, David Espejo Castellanos, Maria Jesus Cruz Carmona, Xavier Muñoz Gall, Iñigo Ojanguren Arranz

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Influence of Comorbidities on Long-term Clinical Outcomes in Severe Asthma: Insights from the German Asthma Net (GAN)
Slagjana Stoshikj (Wien, Austria), Andreas Renner, Christina Bal, Daniela Boryshchuk, Dirk Skowasch, Katrin Milger, Christian Schulz, Margret Jandl, Rainer Ehmann, Olaf Schmidt, Roland Buhl, Eckard Hamelmann, Christian Taube, Stephanie Korn, Marco Idzko

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Asthma and obesity: the role of inflammatory cytokines and insulin resistance
Rubina Giulia Girolamo (Firenze, Italy), Chiara Allegrini, Alessia Catalisano, Martina Maria Marinato, Elisa Bentivegna, Greta Insalata, Alberto Bracciali, Luca Paita, Federico Lavorini, Gianna Camiciottoli

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Impact of small airways disease on clinical improvement with anti-Interleukin-5/5Rα treatment in severe asthma
Willemijn IJspeerd (Leeuwarden, Netherlands), Akke-Nynke Van Der Meer, Linda Wilhelmus-Hoek, Anneke Ten Brinke, Kim De Jong, Ilse Boudewijn

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Asthma control and quality of life burdens associated with missed work days
Joseph Lanario (Plymouth (Devon), United Kingdom), Michael Hyland, Alison Blythin, Tom Wilkinson, Matthew Masoli

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Unlocking Asthma Remission: Key Insights from an Expert Roundtable Discussion
Dennis Thomas (New Lambton Heights, Australia), Hayley Lewthwaite, Peter Gibson, Eleanor Majellano, Vanessa Clark, Michael Fricker, Yuto Hamada, Gary Anderson, Vibeke Backer, Philip Bardin, Richard Beasley, Jimmy Chien, Claude Farah, John Harrington, Erin Harvey, Mark Hew, Anne Holland, Christine Jenkins, Constance Katelaris, Gregory Katsoulotos, Kirsty Murray, Matthew Peters, Rejoy Thomas, Katrina Tonga, John Upham, Peter Wark, Vanessa Mcdonald

Body fat distribution vs. BMI as a predictor of OSA severity in patients with severe asthma
Sunera Khan (Birmingham, United Kingdom), Sarah Davies, Adel H Mansur

Diagnosis of the bone mineral metabolism disorders in patients with severe bronchial asthma
Galyna Gumeniuk (Kyiv, Ukraine), Yuriy Feshchenko, Mykola Lynnyk, Mykola Gumeniuk, Viktoria Ignatieva, Maryna Polianska, Svitlana Opimakh

Prevalence of positive Aspergillus IgG in a cohort of patient with Severe Asthma and its correlation with number of exacerbations on established biologic treatment.
Christine Chiang (Dublin, Ireland), Mohamed Idris, Laura Monaghan, Emma Mulligan, Stephen Lane, Patrick Mitchell

PS-31 Session 12:30 - 14:00

Poster session: Non-tuberculous mycobacterial infection: diagnostics and management

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Cell and molecular biology Public health Imaging Endoscopy and interventional pulmonology

Chairs : Jakko van Ingen (Nijmegen, Netherlands), Chair to be confirmed

Evaluation of combination anti-glycopepidolipid-core IgA antibody levels and chest CT findings to diagnose Mycobacterium avium complex pulmonary disease
Masataka Matsumoto (Miki, Japan), Shinsuke Maekawa, Naoyuki Kojima, Mitsuteru Hyakudo, Maho Morikawa, Saki Ito, Masahiro Katsurada, Yuko Kono, Kiyonobu Takatsuki, Yoshihiro Nishimura

Clinical characteristics and diagnostic challenges of pulmonary Mycobacterium lentiflavum infection in adults
Ayako Shiozawa (Chapel Hill, United States), Yusaku Kusaba, Eriko Morino, Masami Kurokawa, Hanako Fukano, Mitsunori Yoshida, Jin Takasaki, Yoshihiko Hoshino, Masayuki Hojo, Haruhito Sugiyama

Factors associated with Mycobacterium abscessus infection in bronchiectasis patients
Ying Na Ho (Singapore, Singapore), Kok Kong Chong, Gerhard Gruber, Albert Yick Hou Lim

Risk factors for refractory mycobacterium avium complex pulmonary disease
Hye Young Hong (Seoul, Republic of Korea), Young Ae Kang

In vitro evaluation of clarithromycin and ethambutol combination against Mycobacterium avium-intracellulare complex clinical isolates
Izumi Yamatani (Tokyo, Japan), Fiona Dewar, Kotaro Sawai, Akio Aono, Yuta Morishige, Yuriko Igarashi, Kinuyo Chikamatsu, Asami Osugi, Yusuke Minato, Satoshi Mitarai

Nutritional assessment in non-tuberculous mycobacteria pulmonary disease: a prospective observational study
Paola Faverio (Limbiate (MI), Italy), Giacomo Castiglioni, Davide Negri, Alessia Fumagalli, Sveva Maggiolini, Filippo Gozzi, Stefania Cerri, Filippo Valoriani, Renata Menozzi, Valentina Conio, Francesco Bertuccio, Lucrezia Pisanu, Francesca De Simeis, Rosa Di Matteo, Carmela Corso, Andrea Gramegna, Anna Bulfamante, Fabrizio Luppi, Luigi Codecasa, Francesco Blasi, Giovanni Sotgiu, Andrea Gori, Maura Spotti, Stefano Aliberti

Nontuberculous mycobacterial pulmonary disease: a nationwide cost analysis of healthcare costs, foregone earnings, and public transfers in a universal health care setting
Andreas Fløe (Aabyhøj, Denmark), Victor Næstholt Dahl, Andreas Arnholdt Pedersen, Michael Høffding Ibsen, Ole Hilberg, Anders Løkke

Non tuberculous mycobacterial pulmonary disease (NTM-PD) and coinfections: a single center analysis.
Simone Montini (Pavia, Italy), Francesco Rocco Bertuccio, Lucrezia Pisanu, Lorenzo Arlando, Marianna Russo, Klodjana Mucaj, Maria Arminio, Elisabetta Gallo, Emanuela Destefano, Mitela Tafa, Ilaria Giana, Valentina Conio, Giulia Stella, Angelo Guido Corsico

Yield of testing for nontuberculous mycobacteria in patients with obstructive lung diseases and/or lung malignancy in Croatia
Mateja Jankovic Makek (Zagreb, Croatia), Ena Tolic, Nika Zielinski, Ivana Marekovic, Matea Skoro, Dora Darapi, Kristijan Marcic, Goran Glodic, Sonja Badovinac, Tea Lovric, Andrea Mocan, Ana Hecimovic, Fedja Dzubur, Maja Reimann, Christoph Lange

Pseudomonas aeruginosa rapidly kills non-tuberculous mycobacteria in dual-species biofilms in vitro
Melissa McDaniel (Nijmegen, Netherlands), Jessica Scoffield, Jakko Van Ingen

Rifampicin leads to subtherapeutic azithromycin exposures in NTM disease treatment
MICHAEL RODGERS (Sauwerd, Netherlands), Victor Dahl, Ralf Stemkens, Arjan Van Laarhoven, Wouter Hoefsloot, Jakko van Ingen, Rob Aarnoutse

Association of adipokines with disease status and outcomes in patients with respiratory nontuberculous mycobacteria isolates
Chia-jung Liu (Hsinchu, Taiwan), Hung-Ling Huang, Meng-Rui Lee, Jann-Yuan Wang, Chong-Jen Yu

Clinical Outcomes of Different Clarithromycin Resistance in Mycobacterium abscessus Lung Diseases
Chin-Chung Shu (Taipei, Taiwan)

Chronic Pulmonary Aspergillosis in Nontuberculous Mycobacterial Lung Disease: Prevalence, Risk Factors, and Impact on Clinical Outcome
Jann-Yuan Wang (Taipei, Taiwan), Meng-Rui Lee, Hung-Ling Huang

Coinfections of Mycobacterium tuberculosis and Non-Tuberculous Mycobacteria species: perspective from a Reference Centre case series
Marco Cristina (Milano, Italy), Serena Piccirillo, Maurizio Ferrarese, Alice Claudia Repossi, Marco Mantero, Francesco Arturo Blasi, Luigi Ruffo Codecasa

The role of transbronchial lung biopsy in the diagnosis of pulmonary nontuberculous mycobacterial infections
Akiko Sano (Osaka, Japan), Hiroyuki Sano, Osamu Nishiyama, Yuji Tohda, Hisako Matsumoto

Whole-genome and targeted sequencing in nontuberculous mycobacteria: applications in diagnosis, epidemiology, and drug resistance prediction
Matúš Dohál (Martin, Slovakia), Věra Dvořáková, Igor Porvazník, Ivan Solovič, Juraj Mokrý

Development of quantitative CT image analysis for NTM lung disease interventions
Punitkumar Makani (Rotterdam, Netherlands), Federico Mollica, Merlijn Bonte, Andrew Burke, Daniel Hicks, Rachel Thomson, Claire Wainwright, Harm Tiddens, Daan Caudri, - On Behalf Of The Format Team

Development and validation of the prognostic predictive model in patients with Mycobacterium avium complex pulmonary disease: a multicenter observational study
Kazuaki Takeda (Nagasaki, Japan), Takahiro Takazono, Shotaro Ide, Masataka Yoshida, Naoki Iwanaga, Naoki Hosogaya, Takayuki Suyama, Tomo Mihara, Akira Kondo, Tsutomu Kobayashi, Yuichi Fukuda, Eisuke Sasaki, Noriho Sakamoto, Toyomitsu Sawai, Yasuhito Higashiyama, Kohji Hashiguchi, Minako Hanaka, Toshihiko Ii, Kiyoyasu Fukushima, Kosaku Komiya, Taiga Miyazaki, Kazuhiro Yatera, Koichi Izumikawa, Akitsugu Furumoto, Katsunori Yanagihara, Hiroshi Mukae

Nontuberculous mycobacteria (NTM) and COPD: A multicenter prospective study
Eva Tabernero Huguet (Bilbao (Bizkaia), Spain), Amaia Aramburu, Raquel Sanchez, Nerea Ortiz, Ines Lopez De Calle, Borja Santos, Elena Urra, Patricia Sobradillo

PS-2 Session 12:30 - 14:00

Poster session: Pleural and interstitial lung diseases: diagnosis, prognosis and clinical challenges

Disease(s) : Interstitial lung diseases | Respiratory critical care | Thoracic oncology | Airway diseases

Method(s) : Public health | General respiratory patient care | Endoscopy and interventional pulmonology | Surgery | Imaging | Pulmonary function testing | Pulmonary rehabilitation | Epidemiology

Chairs : Chair to be confirmed

Establishment and validation of risk prediction model for pulmonary hypertension associated with interstitial lung disease
Qian Jin (, China), Yi Kang, Yali Guo, Yuguang Wang

Impact of pleural effusion detected at diagnosis and follow-up on the outcome of patients with lung cancer.
Güntülü Ak (Eskişehir, Turkey), Nicat Aghayev, Selma Metintas, Muzaffer Metintas

Incidence and outcomes of chylothoraces: A multicentre study
Jessica Chan (Newcastle, Australia), Cameron Mckenzie, Sophie Edgell, Vineeth George

Influence of air pollution on the onset and severity of spontaneous pneumothorax in a Tunisian industrial area
Sabrine Majdoub Fehri (Nabeul, Tunisia), Oumayma Aggouni, Anis Werghemmi, Asma Fattoumi, Hamida Kwas

Variations in clinical practice and research priorities in pleural disease- IMPACT CRC Survey Results
Fathimath Farah Shiham (Bristol, United Kingdom), Sina Ahmadzai, Francesca Gonnelli, Steven Walker, Federico Mei, Jane Shaw, Uffe Bodtger

Well-equipped pleural procedures trolley would be lifesaving.
Khaled Al-Shair (Manchester (Greater Manchester), United Kingdom), Abdul Ashish, Imran Aziz

Preventable deaths from chest drain misplacement: a national 10-year report on coroner inquiries
Carl Reynolds (London, United Kingdom), Ian Chan

A prospective national cohort study of patients with secondary spontaneous pneumothorax assessing the impact of frailty at diagnosis on mortality and hospital admission.
Eleanor Barton (Bristol, United Kingdom), Roxanna Short, Alessia Verduri, Jonathan Hewitt, Ben Carter, Nick Maskell

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Construction of a neural network diagnostic model for idiopathic pulmonary fibrosis and investigation of immune infiltration characteristics
Qian Jin (, China), Yi Kang, Yali Guo, Yuguang Wang

The relationship between sarcopenia and prognostic markers in patients with idiopathic pulmonary fibrosis
ülkü ARDIL (Istanbul, Turkey), Gulfer Okumuş, Melike Sarıtaş Aslan, Görkem Durak, Mehmet Şükrü Ertürk, Abdurrahman Avcıoğlu, Aysel Yıldız Özer, Züleyha Bingöl

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Diaphragmatic ultrasound and inspiratory muscle strength in patients with fibrotic interstitial lung disease
Ebru Duran (Eskişehir, Turkey), Hüseyin Yıldırım, Senay Yılmaz, Füsun Alataş, Guntulu Ak

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Prognostic value of anti-Ro52 antibodies in Anti-Synthetase Syndrome
Houda Snène (Tunis, Tunisia), Syrine Ben Taleb, Hend Abid, Donia Belkhir, Sirine Daoud, Hana Blibech, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir

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Diagnostic difficulties in ANCA vasculitis revealed by pulmonary involvement
Houda Snène (Tunis, Tunisia), Hend Abid, Syrine Ben Taleb, Hana Blibech, Sirine Daoud, Donia Belkhir, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir

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Pulmonary amyloidosis in Sjogren's syndrome: a case report and literature review
Yuling Zhang (Chengdu, China)

Difficulties in diagnosing anti-synthetase syndrome with negative immunological assessment
Houda Snène (Tunis, Tunisia), Syrine Ben Taleb, Hend Abid, Donia Belkhir, Sirine Daoud, Hana Blibech, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir

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Measurement Properties of the Leicester Cough Questionnaire in Interstitial Lung Disease
Adelle Gadowski (Melbourne, Australia), Catherine Hill, Leona Dowman, Ian Glaspole, Nicole Goh, Glen Westall, Karen Symons, Christine Mcdonald, Anne Holland

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Are antifibrotic treatment responses different in ıdiopathic pulmonary fibrosis patients with and without combined pulmonary fibrosis and emphysema?
Nazli Hüma Teke (İstanbul, Turkey), Meltem Ağca, Ayla Türkar, Tülin Sevim, Eylem Tuncay, Sinem Güngör, Elif Yıldırım, Fatma Özbaki, Baran Gündoğuş, Sibel Arınç, Huriye Berk Takır, İpek Özmen

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Audit on analysis of spontaneous pneumothorax management practices in a NHS trust
Jeet Thacker (Birmingham, United Kingdom), Chanaka Jayawerdena, Niranjana Rajesh, Iyad Ismail

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Treatment and clinical course of lymphangioleiomyomatosis – single center experience
Dina Rnjak (Zagreb, Croatia), Marko Banić, Feđa Džubur, Goran Glodić, Mateja Janković Makek, Kristina Krpina, Tea Lovrić, Martin Matošić, Dina Mihelčić Korte, Nika Miladin, Lucija Miočić, Andreja Moćan, Mira Pevec, Lorna Radman, Miroslav Samaržija, Ana Hećimović

Combined bronchoscopic and video-assisted thoracoscopic surgery (VATS) occlusion of an anatomically challenging postpneumonectomy bronchopleural fistula (BPF) using an Amplatzer occluder in a patient with chronic pleural empyema: a case report
Oleksii Prokopchuk (Heidelberg, Germany), Florian Eichhorn, Hauke Winter, Judith Brock, Felix Herth, Konstantina Kontogianni

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PS-7 Session 12:30 - 14:00

Poster session: Noninvasive respiratory support for acute respiratory failure

Disease(s) : Respiratory critical care | Airway diseases | Interstitial lung diseases

Method(s) : General respiratory patient care | Respiratory intensive care | Epidemiology | Physiology | Palliative care

Chairs : Ana Cysneiros (Lisboa, Portugal), Annemijn Jonkman (Rotterdam, Netherlands)

Breathing via the gut – quantification of effect of an enteral CO2 absorber for the treatment of hypercapnia
Christian Cornelissen (Aachen, Germany), Anouk Welz, Caroline Kniebs, Stefan Siebert, Anna Wichterich, Richard Ramakers, Stefan Jockenhoevel

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High Flow Nasal Oxygen Therapy (HFNO) versus noninvasive ventilation (NIV) to treat Acute Hypercapnic Respiratory Failure (AHRF) due to Acute Excaerbation of COPD (AECOPD): A Metanalysis and Systematic Review
Milind Sovani (Nottingham (Nottinghamshire), United Kingdom), Eric Rahul, Midhina Ravikumar, Murali Shyamsundar, Chii Haw Hon, Jaikirat Gignani, Nilakantha Sumanam, Ioannis Pantazopoulos, Paraschos Barakakis

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High-Flow Nasal Oxygen for Hypoxic Patients with COVID-19: A Systematic Review and Meta-analysis of Randomized Clinical Trials
Yongke Zheng (Hangzhou, China), Khizar Hayat, Longhuan Zeng

The effect of high-flow basal cannula flow rates on diaphragm thickening fraction in adult patients: a prospective observational study
Chichaya Nithisatienchai (Pathumthani., Thailand), Kiattichai Daorattanachai, Pattarin Pirompanich

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Comparison of three high-flow nasal cannula weaning strategies in critically ill adult patients: A pilot randomized controlled multicenter trial
Taewoo Kim (Seoul, Republic of Korea), Cheon Woong Choi, Won Gun Kwack, Myung Jae Park

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Oxygenation in acute exacerbations of interstitial lung disease: a nationwide survey
Elise Artaud Macari (Rouen, France), Marjolaine Georges, Muriel Fartoukh, Jesus Gonzales Bermejo, Christophe Girault, Antoine Cuvelier

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High Velocity Nasal Insufflation in High Risk Extubation Trials - A Randomised Controlled Study
Ahmed Sadaka (Hastings, United Kingdom), Abanob Mourried, Emad Hamoudaa, Ahmed Alhefny

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Non-invasive respiratory support escalation strategy in COVID-19 pneumonia. NIV vs CPAP after high-flow therapy failure: a single-center randomised trial.
Toni Marín (Badalona (Barcelona), Spain), Marina Galdeano, Esther Roca, Roxana Chirinos, Andrea Garcia, Adriana Martin, Agnes Hernández, Macarena Lovera, Santiago Menjura, Judith Boiza, Sofia Acero, Leire Mendiluce, Carmen Fernández, Raquel Guillamat, Cristian Tebe, Roger Paredes, Antoni Rosell, Irene Aldás

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The use of Non Invasive Ventilation in hospitalized patients with Palliative Care: a cross - sectional global survey.
Antonio M. Esquinas (Murcia, Spain), Nimisha Verma, Mohan Gurjar, Anjum Joad, Vanita Ahuja, Ashish Yadav, Sunil Chowdhary, Sushma Bhatnagar, Victoria Gilrane, Mary Lookwood, Berkan Basançelebi, Zühal Karakurt, Nicola Vargas, Diogo Costa Oliveira, Aurea Higon-Cañigral, Ana Torrano Ferrández, Bushra Mina

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Adding air leakage at the expiratory port decreases CO2 rebreathing during helmet-based ventilatory support with single-circuit and conventional ICU mechanical ventilators.
BETINA SANTOS TOMAZ (FORTALEZA, Brazil), Eanes Delgado Barros Pereira, Bruna Cristina Mota De Sousa, Isabella De Melo Matos, Gabriela Carvalho Gomes, Pedro Almir Feitosa Morais, Renata Monteiro Jovino, Miguel R. Gonçalves, Marcelo Alcantara Holanda

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Non-invasive ventilation: Global variation in clinical practice An International Survey of Noninvasive Ventilation (NIV) Use for Acute Respiratory Failure: A Follow-Up Survey
David Eldeiry (JERSEY CITY, United States), Mateus Fernandes, Jacob Schwartz, Berkan Basançelebi, Bushra Mina, Antonio M. Esquinas

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Physiological impact of non-invasive respiratory support during acute exacerbation of interstitial lung disease
Elise Artaud Macari (Rouen, France), Camille Thébaud, Emeline Fresnel, Shani Arrouch, Pierre-Alexandre Roger, Antoine Cuvelier, Christophe Girault

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Association between age and pneumonia related to NIV in adults who have acute respiratory failure
Nazli Deniz Cosar (ISTANBUL, Turkey), Sinem Gungor, Eylem Acarturk Tuncay, Ozlem Mocin Yazicioglu, Zuhal Karakurt

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Is there a role of noninvasive respiratory supports in acute exacerbation of idiopathic pulmonary fibrosis?
Lara Letizia Latini (Ancona, Italy), Martina Bonifazi, Raffaele Scala

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Ventilatory Management in Acute Asthma Exacerbations: Worldwide Current Beliefs and Practices
Antonio M. Esquinas (Murcia, Spain), Sarah Hashem, Mohame M. Metwally, Roberto Santa-Cruz, Giuseppe Francesco Sferrazza Papa, Miguel Guia, Berkan Basançelebi, David El Deiry, Miachael Avaricio, Guillermo Martinez Martin, Elena Carrasco Gonzalez, Bushra Mina

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Helmet CPAP in non-covid pneumonia-related acute hypoxemic respiratory failure (AHRF): impact of radiological involvement and microbiological isolation.
Alessandro Guerrieri (Lecce, Italy), Cristiano Bonacina, Serena Bencini, Monica Bernareggi, Roberta Cattaneo, Francesca D'Arcangelo, Ludovico Lanfranchi, Claudio Macaluso, Chiara Melacini, Luca Parachini, Martina Piluso, Stefania Raschi, Pierfranco Usai, Federica Longo, Paolo Scarpazza

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Helmet Continuous Positive Airway Pressure as Noninvasive Ventilation for COVID-19 Patients: A Systematic Review and Meta-Analysis of Randomized Trials
Yongke Zheng (Hangzhou, China), Khizar Hayat, Longhuan Zeng

Preliminary investigation of concurrent aerosol delivery with the HAMILTON-HF90 system
Gavin Bennett (Galway, Ireland), Marc Mac Giolla Eain, Michael Koppel, Mary Joyce, Ronan Macloughlin

Flow resistance in two cleared heat and moisture exchangers compared with a novel humidification system.
Sandra Grau Bartual (Auckland, New Zealand), Melanie Moylan, Helen Cunningham

The golden hour: a quality improvement project assessing acute non-invasive ventilation care standards and outcomes
Sahel Sadeghi (Gillingham, United Kingdom), Nikhil Dsouza, Natalie Parkinson-Mearns, Olivia Mccrave, Sandip Banerjee

PS-9 Session 12:30 - 14:00

Poster session: Mechanistic insights and therapeutic potential in asthma

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Imaging Physiology

Chairs : Chair to be confirmed

Reduced PCYT2 Expression Leads to Phospholipid Metabolism Abnormalities and Inflammatory Pathway Activation in Bronchial Epithelial Cells of Asthma Patients
Zemin Li (Beijing, China), Chang Chun

Local immunity assessment at seven anatomical sites in the upper and lower airways: High immune cell recovery for detailed cell phenotyping
Renan M. Mauch (Copenhagen, Denmark), Julie Majormoen Davidsen, Hans Jakob Hartling, Signe Modvig, Zaigham Saghir, Pradeesh Sivapalan, Josefin Eklöf, Matiullah Naqibullah, Henrik Kløverpris, Christopher Chiu, Jens Ulrik Stæhr Jensen*, Hanne Vibeke Marquart*

CD146 in bronchial epithelium: a contributor to epithelial dysfunction in severe asthma?
Florian LEPRETRE (Marseille, France), Léa Moreno, Ahmad Joshkon, Nathalie Bardin, Marcel Blot-Chabaud, Pascal Chanez, Delphine Gras

Evaluation of granulocyte-derived microparticles between the airway and the blood
BELEN Muñoz Sánchez (Sevilla, Spain), Alba Fernández-Boza, Rocio Reinoso, Eduardo Márquez-Martín, Ezequiel Juan Saborido, Noelia Sola-Idigora, Carmen Marín Hinojosa, Remedios Otero, Jose L. Lopez-Campos

Severe asthma with concomitant elevation of blood eosinophils and FeNO is associated with mast cell recruitment and activation
Freja Lajer (Copenhagen, Denmark), Nanna Dyhre-Petersen, Lise Lotte Eriksen, Nicole Nillo Heinsen, Morten Hvidtfeldt, Anna Von Bülow, Laurits Frøssing, Celeste Porsbjerg

Bone morphogenetic protein receptor type 1B (BMPR1B) is associated with TSLP+ epithelial cells in T2-low SA
Kuan-Yuan Chen (New Taipei City, Taiwan), Kang-Yun Lee

Eosinophil subpopulations in different asthma endotypes and their correlation with disease severity
Matteo Accinno (Firenze, Italy), Andrea Matucci, Barbara Brugnoli, Michael Diomaiuti, Emanuele Vivarelli, Maria Elena Milanese, Miriana Lamanna, Sara Cavuoto, Lorenzo Cosmi, Alessandra Vultaggio

Role of Transglutaminase 2 in mucus plugging in asthma
Severine Letuve (Paris, France), Timothe Bonneault, Mathilde Le Brun, Fatoumata Camara, Céline Sallon, Catherine Robbe-Masselot, Kenza Belazouz, Sabrina Bedja, Fatima Hamidi, Pierre Mordant, Pierre Launay, Luc De Chaisemartin, Camille Taillé

Mechanisms of exosome Mir-126-5p regulation of asthma through the vascular endothelial-macrophage axis
LANLAN ZHANG (CHENGDU, China)

Bronchial smooth muscle extracellular vesicles interfere with bronchial epithelium metabolism and function in asthma
Elisa Celle (Pessac, France), Pauline Esteves, Amine Chahin, Fabien Beaufils, Guillaume Cardouat, Edmée Eyraud, Clément Bouchet, Marilyne Campagnac, Olga Ousova, Hugues Begueret, Matthieu Thumerel, Rémi Dubois, Jean-William Dupuy, Thierry Leste-Lasserre, Sabrina Lacomme, Nina Lager-Lachaud, Floriant Bellvert, Roger Marthan, Pierre-Olivier Girodet, Patrick Berger, Thomas Trian

Bronchial epithelial cells in asthma: Do they produce energy the right way?
Pierre-Alexandre Gagnon (Québec, Canada), Charlotte Romanet, Olivier Boucherat, Mahmoud Rouabhia, Martin Klein, Jamila Chakir

Targeting estrogen receptors reduces platelet-leukocyte complexes and cell recruitment in lung inflammation
Alembert Lino Alvarado (London, United Kingdom), Simon Pitchford, Yanira Riffo-Vasquez

Unraveling the role of serine/arginine-rich proteins in growth factor-induced GRβ expression in asthmatic airway smooth muscle
Patricia Ramos-Ramírez (Stockholm, Sweden), Klaudia Kaczmarek, Olivia Téllez-Jiménez, Omar Tliba

Early life RSV infection as a preventable risk factor for asthma
Elisabeth De Leeuw (Zwijnaarde, Belgium), Josefine F. Justesen, Cédric Bosteels, Nincy Debeuf, Manon Vanheerswynghels, Leander Jonckheere, Caroline De Wolf, Karel F.A. Van Damme, Kim Deswarte, Sam Dupont, Morten Dahl, Hamida Hammad, Bart N. Lambrecht

Mucosal CD8+ T cells correlate with measures of airflow limitation in adults born preterm
Mervi Kreus (Bromma, Sweden), Petra Um-Bergström, Heta Merikallio, Elisa Lappi-Blanco, Eva Berggren-Broström, Erik Melén, Anders Lindén, Åsa Wheelock, Riitta Kaarteenaho, Magnus Sköld

Novel guardians of respiratory mucosa: Microfold cell expansion upon chronic antigen challenge
Tsung-Yu Pai (Camperdown, Australia), Angelica Katsifis, Jacqueline E Marshall, Duc H Nguyen, Ashleigh M Philp, Karl J Hegarty, Gesa J Albers, Thomas M Ashhurst, Matt D Johansen, Diana H Quan, Gabrielle T Belz, Elinor Hortle, Philip M Hansbro

Farm dust modifies rhinovirus-induced antiviral and inflammatory responses in airway epithelial cell cultures
Jasmijn A. Schrumpf (Leiden, Netherlands), Dennis K. Ninaber, Christoph Muller, Bettina Rankl, Oscar R.J. Van Hengel, Jasper H.L.T. Van Genugten, Erika Von Mutius, Hermlijn H. Smits, Pieter S. Hiemstra

Unravelling survival and reactivation of pathogenic CD4 type-2 tissue-resident memory T cells in allergic asthma
Jannes Gavel (Zwijnaarde, Belgium), Kieran English, Manon Vanheerswynghels, Andrew Brown, Bart Lambrecht

PS-22 Session 12:30 - 14:00

Poster session: Enhancing lung health through effective tobacco cessation strategies

Disease(s) : Airway diseases | Respiratory critical care | Pulmonary vascular diseases | Thoracic oncology

Method(s) : Epidemiology | Cell and molecular biology | Public health | Pulmonary rehabilitation | Palliative care | Physiology | General respiratory patient care | Imaging

Chairs : Andreas M. Matthaiou (Athens, Greece), Chair to be confirmed

Impact of Vaping on Asthma Control
Mariem FERCHICHI (ALGER, Algeria), Fabien Rolland, Florence Le Meunier, Celine Franco

Impact of smoking on pregnant women and their offspring
Marilyn Urrutia Pereira (Uruguaiana (RS), Brazil), Lucas Pitrez Mocelin, Bárbara Angelo De Moraes, Daniel Barba Kaestner, Bruna Simoneto Marques, Juliana Machado Zimmermann, Natan Oliveira Schimdt, Kayran Negrini Puchales, Maria Luiza Damo Vedana, Anne Martins Batista, Felipe Derré Torres, Dirceu Solé

The importance of parental educational level for exposure to parental smoking and personal smoking
Linnea Hedman (Luleå, Sweden), Helena Backman, Anne Lindberg, Caroline Stridsman, Eva Rönmark

Passive smoking exposure in asthmatic children in Algeria: A multicenter study
Redouene Sid Ahmed Benazzouz (Alger, Algeria), Massinissa Massinissa Benyagoub, Azeddine Mekideche, Mohamed Safouane Benazzouz, Leila Boutaghane, Mohamed El Amine Cheddad, Atif Litim, Abdelaziz Brik, Mourad Hamidate, Samy Akroun, Yasmine Amazit, Faiza Hadjersi, Nacer Bouali

Effect of environmental tobacco smoke on respiratory outcomes at birth: a prospective study in Kuala Lumpur, Malaysia
Sze Chiang Lui (Kuala Lumpur, Malaysia), Asiah Kassim, N. Fafwati Faridatul Akmal Mohamad, Then Moli Othayamoorthy, Shangari Kunaseelan, Fatimah Az Zaharah Suhaimi, Karuthan Chinna, Shahril Abu Bakar, Hamimmah Saad, Nurdalila Sahidan, Yin Hui Leong, Nurhayati Mohd Marzuki

Severe exacerbations trigger towards a first smoking cessation attempt: a nationwide cohort study
Delphine Vauterin (Ghent, Belgium), Adam E. Lang, Maxim Grymonprez, Kristiaan Proesmans, Lies Lahousse

Smoking cessation using the new drug cytisinicline: Preliminary Real-life data
Konstantina Lyroni (Heraklion Crete, Greece), Irini Foteinaki, Christina Ermidou, Styliani Vizirianaki, Vagia Stamatopoulou, Theofilis Vouis, Natasa Skouloudi, Katerina Antoniou, Sophia Schiza, Ioanna Mitrouska

Characteristics and population-based attack rates of respiratory syncytial virus and influenza hospitalizations among smokers adults—A retrospective study
Stamatoula Tsikrika (Athens, Greece), Georgia Eleni Chrysou, Ioulia Kontolaimou, Eirini Kostakou, Maria Palavra, Evangelos Stefanidis, Gerasimos Metaxas, Christos Georgakopoulos, Dimitris Yfantis

The Impact of Pneumococcal Vaccination Omission in Smokers on Hospitalization and Severe Pneumococcal Disease
Theocharis Georgiadis (Πικέρμι, Greece), Georgios Ioannis Poupouzas, Eleftheria Mizi, Antonios Angelis, Georgia Athanasopoulou, Elena Kraniotaki, Athina Kallimani, Zoi Psaroudaki, Andriana Zouridaki, Kyriaki Ranellou, Athina Argyropoulou, Ioanna Sigala, Ioanna Dimopoulou, Paraskevi Katsaounou

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A retrospective analysis regarding the impact of smoking on patients with pneumonia (CAP) admitted in the Emergency Department (ED) of a tertiary care hospital.
Stamatoula Tsikrika (Athens, Greece), Georgia Eleni Chrysou, Ioulia Kontolaimou, Eirini Kostakou, Maria Palavra, Dimitris Yfantis

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Maternal thirdhand e-vapour exposure harms offspring lung health in experimental asthma
andrew Thorpe (Sydney, Australia), Chantal Donovan, Richard Y. Kim, Meng Wang, Xu Bai, Hui Chen, Brian G. Oliver

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Impact of e-cigarettes on fetal and neonatal lung development
Antonella Gambadauro (Barcellona Pozzo di Gotto, Italy), Simone Foti Randazzese, Francesca Galletta, Sara Manti

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The effect of E-cigarette smoking on metal exposure and cardio-respiratory systems.
Karin Yaacoby-Bianu (Haifa, Israel), Einat Fireman Klein, Meital Paz Tzruia, Stav Regev, Galit Livnat

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Carbonyls emissions during vaping of herbal tea sticks
Efthimios Zervas (Patra, Greece), Niki Matsouki, Chara Tsipa, Zoe Gareiou

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Nicotine dependence of adolescent smokers with asthma
Ardjouna Manaa (Setif, Algeria), Billel Rekaibi, Lamia Kara, Maroua Redjachta, Dounia Oumert, Souad Bouaoud, Mohamed Bougrida, Abbes Mahnane, Belkacem Bioud

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Father's smoking initiation in puberty as associated with accelerated ageing in offspring
Juan Pablo López-Cervantes (Bergen, Norway), Negusse T. Kitaba, Gerd Toril Mørkve Østergaard, Vivi Schlünssen, Christer Janson, Francisco Javier Callejas-González, Shyamali C. Dharmage, Karl A. Franklin, Mathias Holm, Oskar Jogi, Caroline Lodge, Andrei Malinovschi, Elin Helga Thorarinsdottir, Randi J. Bertelsen, Simone Accordini, John W. Holloway, Cecilie Svanes

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Prevalence and characterization of synthetic oral nicotine pouch use in Canadian post-secondary students
Nicolle J. Domnik (Kingston (ON), Canada), William G. Turner, Bhagya Natarajan, Elizabeth M. Bignell, Nicole Lewis, Claerwen A. Sladen-Dew, Stephanie Adeseiye, Matthew D. James, J. Alberto Neder, Wilma M. Hopman, Sebastian Rodriguez Llamazares

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Effectiveness and safety of cytisine: approach from a specialized smoking cessation unit.
Leire San Juan Redondo (Portugalete, Spain), Laura Cortezón Garces, Teresa Bretos Dorronsoro, Carlos Caldera Fernández, Sonia Castro Quintas, Sandra Pedrero Tejada, Milagros Iriberri Pascual

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Hospital smoking cessation services audit: Evaluating acceptance rates for smoking cessation interventions and burden of smoking related health conditions in hospitalized smokers.
Ali Hassan (Preston, United Kingdom), Tousif Baig, Syed Mehdi, Menaka Velewitharamalage, Sanjeewa Hettiarachchi, Tanmay Jain

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Combination therapy of cytisinicline and NRTs may increase smoking cessation rates
Aliki Korkontzelou (Athens, Greece), Vasiliki Belitsi, Danalatoy Rachil, Paraskevi Katsaounou

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PS-13 Session 12:30 - 14:00

Poster session: Treatment of sleep apnoea beyond positive airway pressure

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : General respiratory patient care Physiology Public health Epidemiology Surgery

Chairs : Francesco Fanfulla (Pavia (PV), Italy), Adriano D. S. Targa (Lleida, Spain)

Effect of sleep apnoea interventions on multiple health outcomes: umbrella review of meta-analyses of randomised controlled trials
Raoua Ben Messaoud (Grenoble, France), Camille Figard, Sébastien Baillieul, Marie Joyeux-Faure, Marie Destors, Renaud Tamisier, Charles Khouri, Jean-Louis Pépin

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Smoking cessation and OSA patients: opinion of the sleep experts of the ESADA.
Athanasia Pataka (Thessaloniki, Greece), Alexandros Kalkanis, Andras Bikov, Georgia Trakada, Paschalis Steiropoulos, Sophia Schiza, Izolde Bouloukaki, Serapheim Kotoulas, Eliza Perger, Marta Drummond, Stefan Mihaicuta, Francesco Fanfulla, Sebastien Bailly, Ludger Grote, . On Behalf Of The Esada Collaboration Network

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How does myofunctional therapy improve moderate sleep apnea syndrome
Mariem Ayadi (Sfax, Tunisia), Rahma Gargouri, Sameh Msaad, Rim Khemakhem, Nour Kallel, Najla Bahloul, Nadia Moussa, Walid Feki, Nesrine Kallel, Samy Kammoun

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Steam-Assisted Respiratory Muscle Training Alleviates Sleep Apnoea Symptoms: A 12-Week Prospective Study
Usame Al-Rammahi (Turku, Finland), Tero Soukka, Jarmo Malinen, Risto-Pekka Happonen, Anssi Sovijärvi, Ulla Anttalainen

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Efficacy of EPAP enhanced Oral Appliance Therapy in patients with Severe obstructive sleep apnea (OSA) EPAP enhanced Oral Appliance Therapy
Sat Sharma (Toronto (ON), Canada), Antonella Conflitti, Hilary Reiter, Sepehr Jamali, Roain Bayat, Yajur Shukla, Winston Rajkumar, Marcella Ortega, Thomas Rajan

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Placebo Effect of Mandibular Advancement Devices
Marcus Anthony Pittman (Basildon (Essex), United Kingdom), Dora Azida Amran

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The use of non-PAP therapies in OSA in Europe
Izolde Bouloukaki (Heraklion (Crete), Greece), Johan Verbraecken, Winfried J Randerath, Stefan Mihaicuta, Ding Zou, Sébastien Bailly, Dries Testelmans, Ludger Grote, Jan Hedner, Athanasia Pataka, Tarja Saaresranta, Marta Drummond, Pavol Joppa, Ondrej Ludka, Esther Schwarz, Sophia Schiza

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Somnibel therapy and health-related quality of life
Nuno Manuel Barbosa De Barros Ferreira (Paredes, Portugal), Ana Castelo Grande, Pedro Marinho Manso, Rita Linhas, Francisco Cadarso Vazquez, Ivone Gonçalves

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Multicenter Dutch results of hypoglossal nerve stimulation in patients with obstructive sleep apnea
Emily Schoustra (Amsterdam, Netherlands), Anja Van De Velde, Peter van Maanen

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Efficacy of bilateral hypoglossal nerve stimulation for obstructive sleep apnoea: a systematic review and meta-analysis
Haytham Abdelrahman (Giza, Egypt), Hatem Yaser, Shehab Yaser, Mahmoud Samir, Aliaë Mohamed-Hussein, Zeyad Bady

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A network meta-analysis of various pharmacotherapeutics for obstructive sleep apnea
Haytham Abdelrahman (Giza, Egypt), Hatem Yaser, Zeyad Bady, Shehab Yaser, Mazen Negmeldin A. Yassin, May Mahmoud Elgamal, Mohamed Khalafalla Darwish, Eman Ayman Nada, Manar Ahmed Abdelfattah, Mahmoud Refaey, Hazem E. Mohammed, Aliaë Mohamed-Hussein

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A network meta-analysis of Noradrenergic-Antimuscarinic Combinations for Obstructive Sleep Apnea
Haytham Abdelrahman (Giza, Egypt), Zeyad Bady, Hazem E. Mohammed, Almohannd Mohammed, Hatem Yaser, Aliaë Mohamed-Hussein

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Effect of acetazolamide on obstructive sleep apnea in highlanders: a randomized, placebo-controlled, double-blinded crossover trial
Taomei Li (Zurich, Switzerland), Lu Tan, Xiaomin Zhang, Yanyan Zhang, Lian Luo, Fei Lei, Basang Xiao, Yuntao Zhang, Michael Furian, Xiangdong Tang

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Effect of acetazolamide on 24-hour blood pressure in highlanders with obstructive sleep apnea: a randomized, placebo-controlled, double-blinded
Taomei Li (Zurich, Switzerland), Lu Tan, Xiaomin Zhang, Yanyan Zhang, Lian Luo, Fei Lei, Basang Xiao, Yuntao Zhang, Michael Furian, Xiangdong Tang

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Apnoea-hypopnea event duration change after zonisamide in OSA patients: post-hoc analysis of a RCT
Karl Theliander (Gothenburg, Sweden), Ding Zou, Ludger Grote, Kaj Stenlöf, Jan Hedner, Christian Strassberger

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Effect of lemborexant on sleep parameters in moderate-to-severe OSA patients with low arousal threshold
Sarocha Vivatvakin (Bangkok, Thailand), Naricha Chirakalwasan

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Comorbidities and Medication in Patients with Obstructive Sleep Apnoea and Residual Daytime Sleepiness (rEDS)
Jasvinder Kaler (London, United Kingdom), Biswajit Chakrabarti, Sonya Craig, Joerg Steier

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Pitolisant in the Management of Obstructive Sleep Apnea with Persistent Daytime Sleepiness Despite CPAP/APAP Adherence: A Retrospective Observational Study
Jorge Mora (Getafe, Spain), Cristina López Riolobos, José María Díaz García, Sonia Pascual García, Alejandro García García, María Conejero Merchán, Waail Boubekri, Carmen Mira Palomino, Monica Babiano Nodal, Araceli Abad Fernández

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Treatment of residual excessive daytime sleepiness (rEDS) in OSA Patients: A Real-Life Monocentric Experience
Pierpaolo Rizzo (Aci Catena, Italy), Domenico Caratozzolo, Cristina Gangemi, Adriana Scionti, Giulia Finocchiaro, Martina Scala, Sergio Alcantara, Carlo Vancheri, Lucia Spicuzza

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Telemedicine remote monitoring in apap/cpap therapy for osas and strategies to improve compliance
Anna Leoni (Napoli, Italy), Marta Iavarone, Alessia Rivieccio, Giuseppe Scotti, Vito D'Agnano, Andrea Bianco, Carlo Iadevaia

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PS-24 Session 12:30 - 14:00

Poster session: Paediatric asthma: novel mechanistic and diagnostic insights

Disease(s) : Airway diseases

Method(s) : Epidemiology Cell and molecular biology Public health Pulmonary function testing Physiology General respiratory patient care

Chairs : Chair to be confirmed

Sex differences in asthma control in relation to differences in absolute lung volumes in adolescents.
Jon Konradsen (Sollentuna, Sweden), Lowie Vanfleteren, Caroline Stridsman, Helena Backman*, Magnus Ekström*

Sublingual immunotherapy in children with asthma – a population-based register study
Jon Konradsen (Sollentuna, Sweden), Cecilia Lundholm, Anna Hedman, Caroline Stridsman, Hanna Karim, Bronwyn Brew, Emma Caffrey Osvald, Samuel Rhedin, Maria Ingemansson, Catarina Almqvist

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Allergological Profile of Skin Sensitization to Olive Tree Pollen in Tunisian Children
HAIFA BENROMDHANE (MANOUBA, Tunisia), Hela Cherif, Ghada Berkaoui, Soumaya Debbiche, Rihab Kefi, Salma Mokaddem, Ferdaous Yangui, Mohamed Ridha Charfi

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Diagnosing asthma in children: the fine lines between over- and underdiagnosis and over- and undertreatment
Marieke van Horck (Roermond (LI), Netherlands), Casper Gijsen, Edward Dompeling, Amy Sieben

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Complementary asthma attacks predictors: Salivary microbiome, inflammatory mediators, and attacks history
Shahriyar Shahbazi Khamas (Amsterdam, Netherlands), Paul Brinkman, Anne H Neerincx, Susanne Jh Vijverberg, Simone Hashimoto, Jelle M Blankestijn, Jan Willem Duitman, Tamara Dekker, Barbara S Smids, Suzanne Wj Terheggen-Lagro, René Lutter, Nariman K. A. Metwally, Fleur Sondaal, Eric G. Haarman, Peter J. Sterk, Ian M. Adcock, Charles Auffray, Corinna Bang, Aruna T. Bansal, Heike Buntrock-Döpke, Klaus Bønnelykke, Andrew Bush, Bo Lund Chawes, Kian Fan Chung, Paula Corcuera-Elosegui, Sven-Erik Dahlén, Ratko Djukanovic, Louise J. Fleming, Stephen J. Fowler, Andre Franke, Urs Frey, Mario Gorenjak, Susanne Brandstetter, Susanne Harner, Gunilla Hedlin, Michael Kabesch, Nazanin Zounemat-Kermani, Parastoo Kheirolldein, Alexander Kiefer, Jon R. Konradsen, Aletta D Kraneveld, Leyre López-Fernández, Clare S. Murray, Björn Nordlund, Maria Pino-Yanes, Uroš Potočnik, Graham Roberts, Jakob Stokholm, Mahmoud I. Abdel-Aziz, Anke H Maitland - Van Der Zee

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The intersectionalityy of sex and deprivation on children and young people's experience of emergency acute asthma care in high-income countries - rapid review
Gargi Naha (Swansea, United Kingdom), Alix Bukkfalvi-Cadotte, Ashrafunnesa Khanom, James Rafferty, Sinead Brophy

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FEV1 and eNO reflects clinical characteristics rather than asthma control in children with asthma
Jisun Yoon (Seoul, Republic of Korea), Min Jee Park, Jeong-Hoon Kim, Dae Jin Song, Woo Kyung Kim, Dong In Suh, Hey Sung Baek, Meeyong Shin, Young Yoo, Jin Tack Kim, Ji Won Kwon, Gwang Cheon Jang, Dae Hyun Lim, Hyeon Jong Yang, Hwan Soo Kim, Ju Hee Seo, Sung Il Woo, Hyung Young Kim, Youn Ho Shin, Ju Suk, Sungsu Jung, Jinho Yu

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Association of the gut microbiome in pediatric asthma exacerbations.
Lisa Bruijnincx (Amsterdam, Netherlands), Shahriyar Shahbazi Khamas, Simone Hashimoto, Elise M. A. Slob, Lieke Noij, Elin T. G. Kersten, Marielle W. Pijnenburg, Gerard H. Koppelman, Susanne J. H. Vijverberg, Olaia Sardón-Prado, Heike Buntrock-Döpke, Alexander Kiefer, Mario Gorenjak, Fleur Sondaal, Corinna Bang, Susanne Brandstetter, Paula Corcuera-Elosegui, Andre Franke, Susanne Harner, Parastoo Kheiroddin, Leyre López-Fernández, Anne H. Neerincx, Maria Pino-Yanes, Uroš Potočnik, Antoaneta A. Toncheva, Christine Wolff, Michael Kabesch, Aletta D. Kraneveld, Mahmoud I. Abdel-Aziz, Anke H. Maitland-Van Der Zee

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Swedish cohort study of spirometric phenotype changes in pediatric asthma
Oscar Sundbaum (Boden, Sweden), Helena Backman, Jon R Konradsen, Caroline Stridsman

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Antenatal air pollution, oscillometry and spirometry among children in the MACE birth cohort
kareshma asharam (DURBAN, South Africa), Rajen Naidoo, Prakash Jeena, Sheena Muttoo, Lisa Ramsay Spangehl

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Maternal inhaled corticosteroid use during pregnancy is associated with infant lung function
Gabriela Martins Costa Gomes (Newcastle, Australia), Adam Collison, Wilfried Karmaus, Carla Rebeca Da Silva Sena, Vanessa Murphy, Bronwyn Brew, Tegan Grace, Paul Robinson, Peter Sly, Urs Frey, Philipp Latzin, Florian Wyler, Craig Pennel, Peter Gibson, Joerg Mattes

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Comparative study of forced-oscillometry, spirometry and FeNO in the diagnosis and follow-up of steroid-naïve preschoolers with asthma
Elpis Hatziagorou (Thessaloniki, Greece), Christos Kogias, Athina Sopiadou, Sotitios Fouzas, Petrina Vantsi, Elissavet-Anna Chrysochoou, Maria Galogavrou, Nikos Gasparis

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Positive bronchodilator response after exercise bronchoprovocation test in asthmatic children
Doris Primrose (Martinez Buenos Aires, Argentina), Magdalena Vocos, Gimena Donth Leger, Carlos Velasco Suarez, Marcela Roque, Juan Manuel Figueroa

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Effectiveness of repeated influenza vaccination in Danish children: A nationwide cohort study.
Sophie Felding Goul (Aarhus C, Denmark), Sune Rubak, Bo Christensen, Linda Huibers, Helene Kildegaard

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Bronchial epithelium energetic metabolism and functionality under exacerbation in childhood asthma
Elisa Celle (Pessac, France), Fabien Beaufils, Guillaume Cardouat, Marilyne Campagnac, Olga Ousova, Jean-William Dupuy, Thierry Leste-Lasserre, Roger Marthan, Pierre-Olivier Girodet, Thomas Trian, Patrick Berger, Pauline Esteves

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Comparison of 2005 and 2022 ATS-ERS Bronchodilator Test Criteria in Asthmatic Children
Andrea Perri (Palermo, Italy), Alessandra Pandolfo, Velia Malizia, Filippo Sapienza, Omar Shatarat, Valentina Lazzara, Rosalia Gagliardo, Giovanni Viegi, Stefania La Grutta

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Environmental and Socioeconomic Determinants of Recurrent Wheezing in Children: A Bayesian approach
Andrea Perri (Palermo, Italy), Alessandra Pandolfo, Velia Malizia, Filippo Sapienza, Omar Shatarat, Valentina Lazzara, Giuliana Ferrante, Rosalia Gagliardo, Giovanni Viegi, Stefania La Grutta

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Impact of Airborne Endocrine Disruptors on lung health
Martina Simonelli (AVERSA, Italy), Ida Cerqua, Sara Perna, Danilo D'Avino, Raffaele Capasso, Armando Ialenti, Antonietta Rossi, Fiorentina Roviezzo

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Impact of Meteorological Factors on the Allergic Profile of Tunisian Asthmatic Children
HAIFA BENROMDHANE (MANOUBA, Tunisia), Hela Cherif, Soumaya Debbiche, Ghada Berkaoui, Rihab Kefi, Salma Mokaddem, Ferdaous Yangui, Mohamed Ridha Charfi

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Asthma Diagnostic Pathway: Prospective real-world study
Maja Jurca (Leicester, United Kingdom), Manisha Ramphul, Abibat Lana, Joe Madge, Charlotte Simpson, Gemma Vissani, Natalie Blyth, Prakash Patel, Safiya Patel, Molla Imaduddin Ahmed, Louise Ryan, David Lo, Erol A. Gaillard

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PS-8 Session 12:30 - 14:00

Poster session: Cutting-edge genomic and epigenomic tools for precision respiratory medicine

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Cell and molecular biology Epidemiology Public health Pulmonary function testing

Chairs : Rui Marçalo (Aveiro, Portugal), Rashad Mohammad Mahbub (Sydney, Australia)

Therapy effectiveness monitoring by longitudinal measurement of mutated EGFR ctDNA in plasma of advanced NSCLC patients on first-line tyrosine kinase inhibitors
Adam Szpechciński (Warszawa, Poland), Maciej Bryl, Emil Wojda, Mateusz Polaczek, Krystyna Maszkowska-Kopij, Pawel Sliwinski, Renata Langfort, Joanna Chorostowska-Wynimko

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cfDNA profiling in COPD
Rosa Faner (Barcelona, Spain), Julieta Viglino, Alejandro Torvisco, Martijn Nawijn, Maarten Van Den Berge, Alvar Agusti, Sandra Casas

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COPD is associated with DNA methylation in bronchial brushes in the SHERLOCK study
Jing Zhang (Groningen, Netherlands), Machteld N. Hylkema, Jorine E. Hartman, Dirk-Jan Slebos, Maarten Van Den Berge, Maaike De Vries

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Distinct epigenetic nasal signature in T2-low asthma
Andy Lan (Sydney, Australia), Maaike De Vries, Tatiana Karp, Victor Guryev, Nazanin Zounemat-Kermani, Ian Michael Adcock, Kian Fan Chung, Pankaj Bhavsar, Monica Kraft, Salman Siddiqui, Bianca Beghé, Klaus F. Rabe, Alberto Papi, Leonardo Michele Fabbri, Chris Brightling, Dave Singh, Janwillem Kocks, Laura Franzini, Allesio Piraino, Maarten Van Den Berge, Alen Faiz

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Epigenome-wide association study of asthma in the Canary Islands
Mario Martín-Almeida (San Cristóbal de La Laguna, Spain), Javier Perez-Garcia, Elena Martin-Gonzalez, Fabian Lorenzo-Diaz, Paloma Poza-Guedes, Inmaculada Sánchez-Machín, Elena Mederos-Luis, José M. Hernández-Pérez, Jesús Villar, Donglei Hu, Jonathan Witonsky, Celeste Eng, Scott Huntsman, Michael A. Lenoir, Jose Rodriguez-Santana, Elad Ziv, Esteban G Burchard, Ruperto González-Pérez, Maria Pino-Yanes

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Associations of epigenetic age acceleration in adults and chronic respiratory diseases
Javier Perez-Garcia (Palo Alto, United States), Dennis Khodasevich, Sara De Matteis, Mary B. Rice, Belinda L. Needham, David H. Rehkopf, Andres Cardenas

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Multi-ancestry epigenome-wide association study of asthma exacerbations
Elena Martín González (San Cristóbal de La Laguna, Spain), Javier Perez-Garcia, Mario Martin-Almeida, Jonathan Witonsky, Celeste Eng, Scott Huntsman, Donglei Hu, Fabian Lorenzo-Diaz, Ruperto González-Pérez, José M. Hernández-Pérez, Paloma Poza-Guedes, Olaia Sardón-Prado, Inmaculada Sánchez-Machín, Elena Mederos-Luis, Paula Corcuera-Elosegui, Jesús Villar, Michael A. Lenoir, Jose Rodriguez-Santana, Elad Ziv, Esteban G Burchard, Maria Pino-Yanes

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Uncovering gene targets for comorbidity based on shared genetic architecture between PRISm and common chronic diseases
Peiji Yao (Sichuan, China), Yifei Lin, Weimin Li

“Identification and classification of twenty-one novel SERPINA1 mutations”
Stefania Ottaviani (Pavia (PV), Italy), Martina Defelici, Alice Maria Balderacchi, Sara Magni, Davide Piloni, Sara Ylli, Giulia Maria Stella, Angelo Guido Corsico, Ilaria Ferrarotti

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Deciphering the Spectrum of Morphology and Gene Fusions in Thoracic Inflammatory Myofibroblastic Tumours: A Ten-Year Retrospective Analysis from a Tertiary Care Centre
SHERRIN JACOB (NEW DELHI, India), Aruna Nambirajan, Adarsh Barwad, Asit Ranjan Mridha, Sunil Kumar, Prabhat Singh Malik, Deepali Jain

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LSC - 2025 - The Impact of GLCCI1 and FKBP5 Variations on ICS Response in COPD Patients: Findings from th e HISTORIC Study
Charikleia Ntenti (Freiburg im Breisgau, Germany), Eleni Papakonstantinou, Leticia Grize, Antonis Goulas, Daiana Stolz

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NGS analysis revealed distinct miRNA Expression Profiles in Eosinophil Subtypes in Patients with Allergic Asthma
Egle Vasyle (Kaunas, Lithuania), Andrius Januskevicius, Airidas Rimkunas, Jolita Palacionyte, Inesa Jermalaviciene, Laurita Vasiliauskaite, Kestutis Malakauskas

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Actionable gene variants in large-cell neuroendocrine carcinomas: a real-world data
Adam Szpechciński (Warszawa, Poland), Magdalena Pelc, Urszula Lechowicz, Malgorzata Szolkowska, Joanna Moes-Sosnowska, Paulina Skronska, Elzbieta Podgorska, Emil Wojda, Mateusz Polaczek, Tadeusz Orlowski, Renata Langfort, Joanna Chorostowska-Wynimko

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The first description of single-cell transcriptomics findings in bronchoalveolar lavage fluid from a human patient with pulmonary graft-versus-host disease (GvHD).
Sergio Ghirardo (Trieste, Italy), Erica Valencic, Francesca Peri, Massimo Maschio, Fabiana Ziberna, Michelangelo Aloisio, Nicolò Gualandi, Luigina De Leo, Alberto Tommasini, Alessandro Amaddeo

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Molecular testing of non-small cell lung cancer (NSCLC) – focus on uncommon, emerging and rare alterations
Magdalena Pelc (Warsaw, Poland), Urszula Lechowicz, Adam Szpechcinski, Joanna Moes-Sosnowska, Paulina Skronska, Elzbieta Podgorska, Adriana Rozy, Aneta Zdral, Emil Wojda, Mateusz Polaczek, Malgorzata Szolkowska, Tadeusz Orlowski, Renata Langfort, Joanna Chorostowska-Wynimko

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Genome-wide association studies of neutrophil functional phenotypes
Diana Chang (South San Francisco, United States), Callan O'Connor, Merete Long, Rebecca Hull, Holly Keir, Amy Gilmour, Miguel Reyes, Carrie Rosenberger, James Chalmers

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Genomics for clinical outcome prediction in chronic respiratory diseases (CRDs).
Margherita Carnevale Schianca (20098, Italy), Gianmarco Putti, Leonardo Terranova, Marco Mantero, Andrea Gramegna, Francesco Blasi

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Role of NLRP3 in the differential diagnosis of interstitial lung diseases
Verónica Pulito-Cueto (Santander, Spain), Joao C. Batista-Liz, David Iturbe-Fernández, Victor M. Mora-Cuesta, Sheila Izquierdo-Cuervo, Belén Atienza-Mateo, Ricardo Blanco, Raquel López-Mejías, José M. Cifrián

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Intrapulmonary metastases of Non-small cell lung cancer promoted by a hotspot gain-of-function mutation in KMT2C
pan Tang (-, China)

PS-34 Session 12:30 - 14:00

Poster session: Symptomatic and supportive care in pulmonary fibrosis

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : General respiratory patient care Transplantation Epidemiology Public health Pulmonary function testing Imaging Pulmonary rehabilitation Respiratory intensive care Palliative care

Chairs : Anne-Marie Russell (Birmingham, United Kingdom), Tonia Magrì (Roma, Italy)

Patient journey in progressive pulmonary fibrosis (PPF) in Europe, USA, and Japan: real-world survey findings
Pooja Chopra (Lawrenceville, United States), Mark Small, Lauren Lee, Lisa Lancaster

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5-Item questionnaire to assess palliative care need in newly diagnosed IPF patients
Ilaria Bassi (Bologna, Italy), Aldo Guerrieri, Damaride Micaela Bitetto, Anna Donini, Stefania Pastorello, Gilda Giancotti, Anna Maria Cuomo, Chiara Rizzelli, Maria Coppola, Fabrizio Moggia, Dino Gibertoni, Danila Valenti, Stefano Nava

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QI project: prospective evaluation of the impact of palliative care delivery by interstitial lung disease clinical nurse specialists within a tertiary specialist centre.
Natalie Chen (LONDON, United Kingdom), Kate Osborne, Sophie Crawley

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Unclassifiable ILD; are there unmet needs? Experiences of a district hospital cohort in Southwest England
Andrew Achaiah (Oxford, United Kingdom), Jessica Bennett, Anna Jevons, Charlotte Cadge, Olawumnia Arowosegbe, Matthew Mirkin, Aadham Mumtaz, Suraya Foster, Meg Wood, Charles Sharp

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Combined ILD and palliative care services improves access to community palliative care
Sandra Green (Dublin, Ireland), Lynn Fox, Sorcha Murray, Liam Chawke, Eoin Rigney, Sinead Coyle, Graine Murphy, Yvonne Flanagan, Una Molloy, Clare Mcaleer, Hawa Bakry Ebrahem, Karen Ryan, Katherine M A O'Reilly

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A Weekly Symptom Questionnaire as a Proxy for Symptom Diaries in Acute Exacerbations of Fibrotic Interstitial Lung Disease
Leda Yazbeck (Greenford (Middlesex), United Kingdom), Zhe Wu, David J. F. Smith, Philip Molyneaux, Toby Maher

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Assessment of HRQoL improvement in ILD patients after LTx using the GR-Scale
Sina Stoltefuß (Munich, Germany), Gabriela Leuschner, Tobias Veit, Jeremias Götschke, Katrin Milger-Kneidinger, Teresa Kauke, Alexandra Lenoir, Nikolaus Kneidinger, Jürgen Behr

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Interstitial Lung Disease-specific Fatigue and Breathlessness Programme Pilot: Analysis of qualitative participant feedback
Jessica Mandizha (Exeter, United Kingdom), Rebecca Davies, Anne-Marie Russell, Charlotte Crook, Caroline Dean, Anna Duckworth, Sarah Lines, Jessica Moss, Pilar Rivera-Ortega, Stefan Stanel, Kate Taylor, Michael A Gibbons

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Exploring responsiveness and minimal important changes of the Living with Pulmonary Fibrosis questionnaire in patients with pulmonary fibrosis
Delian Elizabeth Hofman (Rotterdam, Netherlands), Martijn Oude Voshaar, Catharina C. Moor, Gizal Nakshbandi, Rémy L.M. Mostard, Wim A. Wuyts, Vincent Cottin, Michael Kreuter, Markus Polke, Katharina Buschulte, Peter Saunders, Katerina Antoniou, Antoine Froidure, Hans Slabbynck, Anna M. Hoffmann-Vold, Michael T. Durheim, Anneke Van Veen, Hilde J. Bjørkekjær, Madelon C. Vonk, Zoe D. Daniil, Lisa G. Spencer, Philippe Bonniaud, Grégoire Prévot, Philip L. Molyneaux, Marlies S. Wijsenbeek

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Development and validation of the IPF Coughing Severity Scale v2© (IPF CSS v2): a simple patient reported outcome measure (PROM) for assessing cough severity in IPF
Steve Pawsey (Stevenage, United Kingdom), Laurie Burke, Laura Grey, Alyn Morice, Susan Seymore, Alex West, Surinder S. Birring

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Every Cough Matters: Six Months of Monitoring Reveal New Insights into Air Pollution's Impact on Interstitial Lung Disease's Cough.
Umberto Zanini (monza, Italy), Hunter Vander Linden, Michael D. Feist, Giovanni Ferrara

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Effects of pulmonary rehabilitation on cough-related quality of life in patients with interstitial lung diseases
Houda Snène (Tunis, Tunisia), Yossr Aloulou, Meryem Zemzemi, Rym Ben Othmen, Hana Blibech, Donia Belkhir, Sameh Belhadj, Jaloul Daghfous, Nadia Mehiri, Bechir Louzir

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The Effect of Chronic Cough on Sleep Quality in Patients with Idiopathic Pulmonary Fibrosis
Utku Tapan (MUĞLA, Turkey), Halit Kazci, Ozge Oral Tapan

Nutritional status and Interstitial Lung Disease: data from two tertiary centers in South Italy
Arcangela Di Domenico (Napoli, Italy), Luigi Massari, Valeria Fortuna Gigi, Lidia De Roberto, Stefano Sanduzzi Zamparelli, Fausto De Michele, Marialuisa Bocchino

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The multimodal intervention value of respiratory rehabilitation in idiopathic pulmonary fibrosis: a systematic evaluation based on evidence-based medicine
jing (Changchun, China), Hongjing Lin, Jiahui Ma

Heart rate variability differences between perceived relaxation levels in ILD patients
Claudia Gabriela Cortés San Agustín (Ciudad de México, Mexico), Viridiana Peláez Hernández, Montserrat Martínez Pérez, Mayra Gisselle Ruiz Perial, Arlen Daniela Pérez García, Karen Sánchez Martínez, Arturo Orea Tejeda, Vanessa Michelle Dávalos Torres, Karel Nataly Suárez Tovar

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Sarcopenia affects the efficacy of nintedanib in patients with interstitial lung diseases
Toko Miura (Hirosaki, Japan), Tomonori Makiguchi, Sadatomo Tasaka, Kageaki Taima, Hisashi Tanaka, Masamichi Itoga, Hiroaki Sakamoto, Takahiro Akita, Yuri Kobori, Shintaro Oyama, Yasuhito Nunomura

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IA-Based body composition analysis at T12 in idiopathic pulmonary fibrosis: identifying sarcopenia and its correlation with morphofunctional assessment methods.
Sara Sánchez Martin (Malaga, Spain), Mercedes Segura Romero, Elena Condorelli, Alberto Alvarez Napoles, Eva Cabrera César, Jose Luis Velasco Garrido

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Prevalence of Sarcopenia and Associated Factors in Fibrotic Interstitial Lung Diseases
Elif Yelda Ozgun Niksarlioglu (Istanbul, Turkey), Ramazan Eren, Feride Elçin Çakır, Neval Alagöz, Şule Gül, Mehmet Atilla Uysal

Association of sarcopenia with quality of life and progression of disease in patients with idiopathic pulmonary fibrosis
Nergiz Ayan (NİĞDE, Turkey), Sibel Naycı

PS-30 Session 12:30 - 14:00

Poster session: Bronchiectasis: disease burden and microbiology

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Endoscopy and interventional pulmonology Public health Imaging

Chairs : Sanjay Haresh Chotirmall (Singapore, Singapore), Tony De Soyza (Newcastle-upon-Tyne, United Kingdom)

Molecular characterisation of bronchiectasis infections in EMBARC-BRIDGE
Rebecca C Hull (Dundee, United Kingdom), Hollian Richardson, Holly Lind, Chandani Hennayake, Daniela Alferes De Lima Headley, Jennifer Pollock, Eve Mcintosh, Rachel Galloway, Emma Johnson, Morven Shuttleworth, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Amelia Shoemark, James D Chalmers

Respiratory pathogen clusters in patients with bronchiectasis: Data from the EMBARC registry.
Fiona Mosgrove (Banchory, United Kingdom), Eva Polverino, Jamie Stobo, Holly Lind, Pierre-Regis Burgél, Charles Haworth, Katerina Dimakou, Apostolos Bossios, Raja Dhar, Michael Lobinger, Rosario Menendez, Antoni Torres, Francesco Blasi, Pieter Goeminne, Felix Ringshausen, Oriol Sibila, Anthony De Soyza, Montserrat Vendrell, Stefano Aliberti, James D Chalmers

Use of inhaled corticosteroids in patients with bronchiectasis and risk of acquiring Haemophilus influenzae infection: a retrospective cohort study
Dil Afrose (Hellerup, Denmark), Christian Philip Rønn, Josefin Viktoria Eklöf, Anna Kubel Vognsen, Louise Lindhardt Tønnesen, Barbara Bonnesen Bertelsen, Jonas Bredtoft Boel, Christian Østergaard Andersen, Ram Benny Christian Dessau, Pradeesh Sivapalan, Jens Ulrik Stæhr Jensen

Bacterial and Mycobacterial Infections in Bronchiectasis in Algeria
Tarek Djenfi (Batna, Algeria), Mohamed Redha Selmani, Rachida Djebaili

Nanopore Sequencing to characterize the Bronchiectasis Resistome – preliminary results from the BRILLIANT study
Lucy Bidgood (Dundee, United Kingdom), Hollian Richardson, Daniela Alferes De Lima Headley, Rebecca Hull, Chandani Hennayake, Thomas Pembridge, Emma Johnson, Holly Lind, Morven Shuttleworth, Kateryna Viligorska, Erin Cant, Helen Liddicoat, David W Connell, Amelia Shoemark, Eve Mcintosh, Kris Ostridge, Adam Platt, Maria Belvisi, Adnan Azim, Merete Long, James D Chalmers

Bacteriology in Swedish patients with idiopathic or post-infective bronchiectasis; early data from an EMBARC center.
Pia Ghosh (Stockholm, Sweden), Nimo Osman, Malin Sande, Nikolaos Lazarinis, James D. Chalmers, Anders Lindén, Apostolos Bossios

Pseudomonas aeruginosa (PA) infection in Bronchiectasis:What predictors and impact?
Sara Trimech (Monastir, Tunisia), Haifa Zaibi, Emna Ben Jemia, Hend Ouertani, Ameni Naaroura, Asma Jarrar, Jihen Ben Amar

Microbial colonization of the lower respiratory tract in stable patients with non-CF bronchiectasis
Barney Isaac (Vellore (Tamil Nadu), India), Oliver Madhale, M Sugumar, Devasahayam Christopher

Outpatient parenteral antibiotic therapy (OPAT) in bronchiectasis care: a retrospective analysis of treatment outcomes and benefits.
Edel Lawless (london, United Kingdom), Jacob Beard, Elaine Bowman, Tasmin Fernandes, Jannah Firdaws, Sari Ihamaki, Maria Mercer, Hazel Russell, Elaine Shattock, Michael. R Loebinger, Ricardo Jose, Anand Shah, Janet Stowell

History of tuberculosis exacerbates bronchiectasis outcomes linked to microbiome alteration
Yen-Fu Chen (Yun-Lin County, Taiwan), Fransiskus Xaverius Ivan, Tavleen Kaur Jaggi, Hsin-Han Hou, Ning Chien, Kai-Zen Lu, Ying-Yin Chen, Zheng-Ci Hung, Jung-Yien Chien, Hao-Chien Wang, Sanjay H. Chotirmall, Chong-Jen Yu

Role of mucus plugs in refractory asthma with bronchiectasis: focus on plug location
Natsuko Nomura (Kyoto, Japan), Naoya Tanabe, Yusuke Hayashi, Mikio Toyoshima, Osamu Matsuno, Nobuyuki Hizawa, Toshiyuki Kita, Koichi Fukunaga, Takuro Sakagami, Naozumi Hashimoto, Mari Miki, Noboru Hattori, Kazuto Matsunaga, Sumito Inoue, Hiroyuki Nagase, Takashi Kijima, Takahiro Tsuburai, Kojiro Otsuka, Hiroaki Iijima, Morio Nakamura, Tetsuji Kawamura, Hironobu Sunadome, Toyohiro Hirai, Hisako Matsumoto, Study On Behalf Of The Bexas

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Mortality and exacerbations of carbapenem-resistant Pseudomonas aeruginosa isolation in hospitalized patients with bronchiectasis: a long-term retrospective cohort study
Jibo Sun (Chengdu, China), Lian Wang, Dongguang Wang, Xiang Tong, Hong Fan

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Aspergillus spp. Isolation in people with bronchiectasis: data from EMBARC
Mattia Nigro (Milan, Italy), Michal Shteinberg, Oriol Sibila, Lidia Perea, Pierre-Regis Burgel, Eva Polverino, Jennifer Pollock, Natalie Lorent, Katerina Dimakou, Holly Lind, Charles Haworth, Apostolos Bossios, Raja Dhar, Michael Loebinger, Rosario Menendez, Antoni Torres, Andrea Gramegna, Francesco Blasi, Montserrat Vendrell, Pieter Goeminne, Felix Ringshausen, Anthony De Soyza, James D. Chalmers, Stefano Aliberti

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Pseudomonas aeruginosa colonisation is associated with eosinophilic inflammation in bronchiectasis.
Rodanthe Nixon (London, United Kingdom), Charlotte Carter, Kyle Micham, Millie Jackson, Christopher Orton, Ley Chan, Anand Tana, Robert Snelgrove, James Tonkin, Justin Garner, Aran Singanayagam, Anand Shah

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Bronchiectasis in Italy: an analysis of the EMBARC Registry
Stefano Aliberti (Milano (MI), Italy), Andrea Gramegna, Edoardo Simonetta, Salvatore Battaglia, Federico Dente, Paola Faverio, Oriol Sibila, Katerina Dimakou, Adelina Amorim, Eva Polverino, Jennifer Pollock, Kara Robertson, Martina Santambrogio, Mariangela Retucci, Donatella Nobile, James Chalmers, Francesco Blasi

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The Utility of Bronchoalveolar Lavage (BAL) in Bronchiectasis: A Microbiological Concordance Study
Martina Lo Casto (palermo, Italy), Alessandro De Angelis, Edoardo Simonetta, Mattia Nigro, Veronica Polelli, Paola Scarano, Angela Tramontano, Emanuele Toni, Davide Giuliani, Beatrice Clemente, Anita Uribe, Manuel Mancuso, Claudia Crimi, Salvatore Battaglia, Stefano Aliberti

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Indications and results of bronchoalveolar lavage in bronchiectasis patients
Alessandro De Angelis (Milano, Italy), Edoardo Simonetta, Mattia Nigro, Veronica Polelli, Paola Scarano, Angela Tramontano, Anita Uribe, Angelica Pistone, Maria Giovanna Caporaso, Martina Lo Casto, Manuel Mancuso, Claudia Crimi, Salvatore Battaglia, Stefano Aliberti

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Upper airway microbiome and clinical outcomes in bronchiectasis: the EMBARC-BRIDGE study
Hayoung Choi (Seoul, Republic of Korea), Hollian Richardson, Chandani Hennayake, Morven Shuttleworth, Arietta Spinou, Kara Robertson, Merete Long, Anthony De Soyza, Felix Ringshausen, Pieter Goeminne, Natalie Lorent, Charles Haworth, Josje Altenburg, Michael Loebinger, Mathieu Bottier, Daniela Headley, Erin Cant, Alison Dicker, Francesco Blasi, Michal Shteinberg, Stefano Aliberti, Eva Polverino, Oriol Sibila, Amelia Shoemark, James Chalmers

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Exacerbations among incident cases of bronchiectasis in Japan
Takanori Asakura (Tokyo, Japan), Ping Wang, Maitreyee Mohanty, Emily Welch, Melanie Lauterio, Joseph Feliciano

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PS-32 Session 12:30 - 14:00

Poster session: Cystic fibrosis research: changing the landscape

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Cell and molecular biology General respiratory patient care Imaging Pulmonary function testing Transplantation Pulmonary rehabilitation

Chairs : Chair to be confirmed

Azole-Resistant Aspergillus fumigatus in Patients with Cystic Fibrosis, a Prospective Study
Atefeh Fakharian (Tehran, Islamic Republic of Iran), Azadeh Bandegani, Soheila Khalilzadeh, Hamid Badali

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CFTR mRNA delivery with a novel non-LNP nanoemulsion formulation to cystic fibrosis differentiated human airway epithelium and airway organoid
Shyreen Hassibi (London, United Kingdom), Yuki Yamamoto, Jag Shur, Susan Sobolov, Garth Rapeport, Kazuhiro Ito

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Functional and clinical effect of intermittent intrapulmonary deflation versus autogenic drainage for airway clearance in cystic fibrosis: MUCOSIM trial
Thierry Perez (Lille Cedex, France), Thomas Ropars, Sylvie Leroy, Claire Poulet, Guillaume Beltramo, Isabelle Durieu, Marlène Murris Espin, Stéphane Dominique, Guillaume Chaumet, Laurent Morin, Jacqueline Delrieu

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Evaluating regional ventilation abnormalities in patients with cystic fibrosis – results from the ReVEAL-CF study.
Grace Kavanagh (Perth, Australia), Nina Eikelis, Kristopher Nilsen, Mark Teh, Ryan Phuong, Youngmi Van Der Werf, Bhajan Singh, Trishul Siddharthan, Siobhain Mulrennan

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Personalized Dosing of ELE/TEZ/IVA in Cystic Fibrosis: integrating pharmacokinetics and pharmacogenetics for Improved Outcomes
Sylvie Leroy (Nice, France), Margot Delin, Bérengère Coltey, Raphael Chiron, Laurent Mely, Nathalie Stremler, Tessa Pietri, Delphine Viard-Retur, Thibault Lavrut, Sylvie Quaranta, Alexandre Destere

Airway microbiology trends in Cystic Fibrosis patients: A comparative study between 2019 and 2023
Francisca Trigueiros Pinção Nieto Guimarães (Lisboa, Portugal), Elsa Fragoso, Ana Bruschy Fonseca, Pilar Azevedo

Discovery of pro-inflammatory mediators of Pseudomonas aeruginosa expressed under in vivo-like conditions in chronic cystic fibrosis infection
Merel Wauters (Ghent, Belgium), Sara Van Den Bossche, Delphi Van Haver, Sara Dufour, Simon Devos, Francis Impens, Xavier Saelens, Aurélie Crabbé

Steps in developing the ICF core set for adults with cystic fibrosis: health professional and patient perspectives
Nisa Akyazı (ANKARA, Turkey), Seda Nur Kemer, Naciye Vardar Yağlı, Melda Saglam, Ebru Damadoğlu, Oğuz Karcıoğlu, Sevil Bilgin

Affective temperament and treatment adherence in adult cystic fibrosis – a pilot study
Carmen Maria Bereuter (Wien, Austria), Andrea Lakatos-Krepcik, Andrea Pirkfellner, Susanne Wager, Andreas Erfurth, Maria Morozova, Mahdi Mahmoudi, Robab Breyer-Kohansal

Three years of Elexacaftor/tezacaftor/ivacaftor decreases the presence of pathogens in sputum cultures and throat swabs
Simon Dekker (Utrecht, Netherlands), Bastiaan Bont, Renate Okhuijsen-Kos, Domenique Zomer-Van Ommen, Harry Heijerman, Inez Bronsveld

The association of gene modulator therapy and fat-soluble vitamin levels in adults with cystic fibrosis
Aysu YALMAN (Ankara, Turkey), Aynur Demirel, Oguz Karcioglu, Ebru Damadoglu, Naciye Vardar Yagli

Respiratory rate measured by high-adherence wearable correlates with clinical predictors of pulmonary exacerbation in cystic fibrosis patients
Carlos Milla (Palo Alto, United States), Jackie Spano, Lani Demchak, Tina Conti, Alicia Mirza, Robert Teresi

Impact of CFTR modulators on chronic and intermittent bronchial infection
Sophie Gohy (Tervuren, Belgium), Alice Sluijters, Celine Bugli, Silvia Berardis, Christophe Goubau, Corentin Stavart

Group psychotherapy for anxiety, depression, and quality of life in Cystic Fibrosis
Eda Esra Baysal (İstanbul, Turkey), Zühal Yerlikaya, Merve Selçuk Balcı, Şeyda Karabulut, Ceren Ayça Yıldız, Müge Merve Akkitap Yiğit, Fulya Özdemircioğlu, Burcu Uzunoğlu, Gamze Taştan, Almala Pınar Ergenekon, Yasemin Gokdemir, Ela Erdem Eralp, Fazilet Karakoç, Bulent Karadag

In vitro assay for personalized and effective medicine of Cystic Fibrosis
Gabriela Araujo Hoefel (New Lambton Heights, Australia), Ling Chen, Amber Pillar, Ayesha Ali, Lorena Rodrigues Sabino, Peter Wark, Gerard Kaiko

Investigation of voriconazole plasma level (vpl) measurement in cystic fibrosis (cf) patients diagnosed with pulmonary aspergillosis (pa) and allergic bronchopulmonary aspergillosis
Hande Yuce Ozdemir (Ankara, Turkey), Maide Gozde Inam, Emre Kara, Oguz Karcioglu, Ebru Damadoglu, Ahmet Cagkan Inkaya

Pulmonary Aspergilloma in Cystic Fibrosis
Maitreyi Penugonda (Dublin, Ireland), Rosin Hehir, Trevor Nicholson, Edward Mckone, Charles Gallagher, Suzanne Carter

PS-25 Session 12:30 - 14:00

Poster session: New insights into paediatric rare lung and airway disease

Disease(s) : Interstitial lung diseases | Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : General respiratory patient care | Pulmonary function testing | Epidemiology | Imaging | Endoscopy and interventional pulmonology | Surgery | Public health | Physiology | Cell and molecular biology | Transplantation | Respiratory intensive care | Pulmonary rehabilitation

Chairs : Anna Wiemers (Bochum, Germany), Chair to be confirmed

Bridge Bronchus and Beyond: Unraveling the Complexity of Pediatric Bronchovascular Malformations
Iana Coropceanu (Chisinau, Republic of Moldova), Svetlana Sciuca, Ina Palii, Jana Bernic, Rodica Selevestru, Eva Gudumac

Variability in the interpretation of Radiological Changes in Fibrosing Lung Disease in Childhood Interstitial Lung Disease
Elias Seidl (Zurich, Switzerland), Srdjan Micic, Michael Zellner, Christian Kellenberger, Simon Veldhoe, Julia Ley-Zaparozhan, Birgit Kammer, Ingrid Krüger-Stollfuss, Alexander Moeller, Matthias Griese

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Quality of Life in Turkish Children with Interstitial Lung Disease: Insights from the National ChILD Registry
Handan Kekec (turkey, Turkey), Tugba Sismanlar Eyüboğlu, Ayse Tana Aslan, Ozge Ulgen, Aslıhan Ozcaglar, Zeliha Basak Polat, Betul Bankoglu Parlak, Aysen Bingol, Seyda Karabulut, Ela Erdem Eralp, Cıgdem Korkmaz, Berrak Oztosun, Gokcen Kartal Ozturk, Bahar Girgin Dindar, Meltem Akgul Erdal, Umay Kavgacı, Esin Gizem Olgun, Fatma Nur Ayman, Zeynep Seda Uyan, Beste Ozsezen, Tugba Ramaslı Gursoy, Pelin Asfuroglu, Mahir Serbes, Mina Hızal, Halime Nayır Buyuksahın, Gozde Cavıldak Karaaslan, Ebru Yalcın, Nagehan Emiralioglu, Yasemin Gokdemir, Sevgi Pekcan, Ayse Ayzıt Kılınc Sakallı, Saniye Girit, Nazan Cobanoglu, Guzin Cinel, Berna Oguz, Diclehan Orhan, Ahmet Cevdet Ceylan, Nural Kiper

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Understanding Pulmonary Fibrosis in Pediatric Interstitial Lung Disease:A Comprehensive Analysis
Handan Kekec (turkey, Turkey), Ayse Tana Aslan, Ismail Akdulum, Tugba Sismanlar Eyuboglu, Ozge Ulgen, Yasemin Mocan, Sinem Can Oksay, Deniz Doğru, Uğur Ozcelık, Meltem Akgul Erdal, Figen Gulen, Bahar Girgin Dindar, Ece Ocak, Fatma Nur Ayman, Bahar Aydogan, Gokcen Unal, Fazılcan Zirek, Esin Gizem Olgun, Merve Nur Tekin, Aysen Bingol, Abdurrahman Erdem Basaran, Betul Bankoglu Parlak, Bülent Karadağ, Merve Selcuk Balcı, Almala Pınar Ergenekon, Mehmet Kose, Ali Ersoy, Celebi Yıldırım, Goksen Dılsa Tugcu, Beste Ozsezen, Zeynep Seda Uyan, Ayse Kalyoncu Ucar, Tugba Ramaslı Gursoy, Mahir Serbes, Sedat Oktem, Pelin Asfuroglu, Melih Hangul, Halime Nayır Buyuksahın, Mina Hızal, Gokcen Kartal Ozturk, Ayse Ayzıt Kılınc Sakallı, Ebru Yalcın, Saniye Girit, Sevgi Pekcan, Nagehan Emiralioglu, Nazan Cobanoglu, Guzin Cinel, Yasemin Gökdemir, Berna Oguz, Nural Kiper

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Interstitial lung disease in children: ultra-rare genetic variants from national registry of Türkiye
Satı Özkan Tabakçı (Ankara, Turkey), Şule Selin Akyan Soydaş, Gökçen Dilşa Tuğcu, Güzin Cinel, Ayşe Ceren Sağdıç, Uğur Özçelik, Sinem Can Oksay, Çiğdem Korkmaz, Fazılcan Zirek, Handan Kekeç, Figen Gülen, Melih Hangül, Beste Özsezen, Derya Ufuk Altıntaş, Hanife Tuğçe Çağlar, A.Erdem Başaran, Zeynep Seda Uyan, Ali Özdemir, Tuğba Ramaslı Gürsoy, Ebru Yalçın, Nagehan Emiralioğlu, Saniye Girit, Ayşe Ayzıt Kılınç, Nazan Çobanoğlu, Tuğba Şişmanlar Eyüboğlu, Sevgi Pekcan, Yasemin Gökdemir, Berna Oğuz, Diclehan Orhan, Ahmet Cevdet Ceylan, Dilber Ademhan Tural, Nural Kiper

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Clinical and imaging presentation in children with surfactant protein C gene mutation, a CRC chILD study
Celine Delestrain (Creteil, France), Eytan Sarfati, Laureline Berteloot, Chiara Sileo, Rola Abou Taam, Harriet Corvol, Christophe Delacourt, Jean-Christophe Dubus, Ralph Epaud, Pascale Fanen, Lisa Giovannini-Chami, Alice Hadchouel, Veronique Houdouin, Eglantine Hullo, Christophe Marguet, Geraldine Labouret, Nicolas Lefevre, Marie Legendre, Camille Louvrier, Marie-Catherine Renoux, Philippe Reix, Cyril Schweitzer, Caroline Thumerelle, Alix De Becdelièvre, Nadia Nathan

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Childhood interstitial lung disease in metabolic disorders: prevalence, genotypic and clinical characteristics, and management approaches – an analysis of the chILD-Turkey registry
Merve Selçuk Balcı (Istanbul, Turkey), Fazilcan Zirek, Handan Kekeç, Melih Hangül, Gökçen Kartal Öztürk, Burcu Çapraz Yavuz, Gülay Baş Bilgin, Beste Özsezen, Mina Hızal, Azer Kılıç Başkan, Ali Özdemir, Tugba Ramaslı Görsoy, Nazan Çobanoğlu, Tuğba Şişmanlar Eyüboglu, Nagehan Emiralioğlu, Ahmet Cevdet Ceylan, Berna Oğuz, Diclehan Orhan, Ayşe Ayzıt Kılınç, Saniye Girit, Sevgi Pekcan, Güzin Cinel, Ebru Yalçın, Nural Kiper, Yasemin Gökdemir

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Interstitial lung disease in children with inborn errors of immunity: a systematic review
Heidi Schaballie (Belsele, Belgium), Julie Willekens, Mariska De Lausnay, Charlotte Adriaensen, Mauro Verhegge, Sabine Van Daele, Petra Schelstraete, Filomeen Haerynck

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Impaired renal function within the first twelve months after pediatric lung transplantation
Julia Carlens (Hannover, Germany), Anna Sophie Fiedler, Jens Drube, Nicolaus Schwerk, Carsten Müller, Gesine Hansen, Hendrik Schneider, Len Malte Levermann, Fabio Ius, Dmitry Bobylev

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Genetic and Clinical Heterogeneity of Childhood Interstitial Lung Diseases: A Single-Center Experience
Ayyüce Ünlü (Ankara, Turkey), Satı Özkan Tabakçı, Işıl Bilgiç, Şule Selin Akyan Soydaş, Meltem Kürtül Çakar, Gamze Akça Dinç, Hande Yetişgin, Çelebi Yıldırım, Gökçen Dilşa Tuğcu, Dilber Ademhan Tural, Sanem Eryılmaz Polat, Güzin Cinel

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Lung malformation requiring double surgical excision in a patient with Niemann-Pick Disease
Mirko Gambino (Erba, Italy), Francesca Castelletti, Michele Ghezzi, Marco Morelli, Andrea Farolfi, Salvatore Zirpoli, Alice Munari, Gloria Pelizzo, Sara Costanzo, Gian Vincenzo Zuccotti

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Exploring epithelial dysfunction in primary ciliary dyskinesia
Elizabeth Haughey (London, United Kingdom), Mai Mohamed, Max Schwiening, Jessica Orr, Robert Hirst, Sam Strickson, Xavier Romero Ros, Robert Hynds, E Suzanne Cohen, Christopher O'Callaghan

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Genotype-phenotype differences at the time of diagnosis in school-aged children with primary ciliary dyskinesia: an international central European multicentric study
Tereza Holeček Krištofová (Praha, Czech Republic), Peter Durdik, Zuzana Rennerová, Marcela Kreslová, Vendula Martinů, Jiří Uhlík, Žofia Varenyiová, Radim Bláha, Petr Pohunek, Václav Koucký

Sleep Disorders, Quality of Life, and Anxiety Levels of Caregivers in Children with Primary Ciliary Dyskinesia
Ayse Tana Aslan (Ankara, Turkey), Elif Betul Ilgac, Tugba Sismanlar Eyuboglu, Volkan Medeni, Nazmi Mutlu Karakas, Sebnem Soysal Acar

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Dental Health and Quality of Life in Children with Primary Ciliary Dyskinesia
Ezgi Kazanci Oztuna (Istanbul, Turkey), Mehmet Sertac Peker, Ela Erdem Eralp, Yasemin Gokdemir, Bulent Karadag

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Chest computed tomography use in patients with Primary Ciliary Dyskinesia
Nicola Ullmann (Roma (RM), Italy), Giulia Ormando, Alessandra Boni, Renato Cutrera

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Clinical impact of age at diagnosis in pediatric primary ciliary dyskinesia
Nilgun Kula (Ankara, Turkey), Ayse Tana Aslan, Tugba Sismanlar Eyuboglu, Volkan Medeni

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A decade of primary ciliary dyskinesia diagnosis in children: insights from a Portuguese tertiary hospital
Isabel Moitinho de Almeida (Lisboa, Portugal), Margarida Ramalho, Andreia Descalço, Andreia Pinto, Patrícia Dias, Susana S Lopes, Luísa Pereira, Carolina Constant, Teresa Bandeira

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Primary ciliary dyskinesia: analysis of symptoms at diagnosis according to genetic defect
Laura Petrarca (Roma (RM), Italy), Valentina Guida, Raffaella Nenna, Alessandro De Luca, Maria Giulia Conti, Barbara Luongo, Lorenzo Lugo, Giuseppe Cimino, Enrica Mancino, Laura Masuelli, Piercarlo Poli, Fabio Midulla

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Clinical Profile and Outcomes of Children with chemical pneumonitis after Hydrocarbon Aspiration: A case series from a Tertiary Care Hospital in Western India
Jagdish Prasad Goyal (Jodhpur (Rajasthan), India), Sathya Srivatsav, Kalyan Prabhakaran, Nikhil Rajvanshi, Saurabh Agarwal, Bharat Choudhary, Daisy Khera, Prawin Kumar

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PS-36 Session 12:30 - 14:00

Poster session: Management of interstitial lung diseases of known causes

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Imaging Respiratory intensive care

Chairs : GEORGE MARGARITOPOULOS (THESSALONIKI, Greece), Chair to be confirmed

Lung auscultation for detecting interstitial lung disease in systemic sclerosis: Retrospective study
Felix Wireko (Rochester, United States), Vasilios Tzilas, Comfort Anim-Koranteng, Ahmed Sayed Ahmed, Yvette Yeboah-Kordieh, Ashima Makol, Jay Ryu

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Ruxolitinib add-on to corticosteroids for patients with severe checkpoint inhibitor-related pneumonitisan interim analysis
Xiaoxing Gao (Beijing, China), Yan Xu, Chen Wei, Anwen Liu, Junping Zhang, Junzhen Gao, Minjiang Chen, Jing Zhao, Xiaoyan Liu, Hanping Wang, Xiaoyan Si, Wei Zhong, Ruxuan Chen, Zhimin Zeng, Xuan Su, Huiru Xu, Liujin Zhang, Yuan Le, Zhiwei Leng, Hui Huang, Mengzhao Wang

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Baseline characteristics of participants in the MYCOHYPE study: the first randomised controlled trial of mycophenolate mofetil in fibrotic HP
Sahajal Dhooria (Chandigarh, India), Mansi Gupta, Rohit Kumar, Vijay Hadda, V Nagarjuna Maturu, Isaac Barney, Girish Sindhwani, Sheetu Singh, Naveen Dutt, Ashutosh Nath Aggarwal

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Prognostic factors differ in patients commencing antifibrotics for idiopathic pulmonary fibrosis versus progressive pulmonary fibrosis.
Gabriella Marina Ruffino (Ringwood, United Kingdom), Giles Dixon, Sarah Mulholland, Matthew Wells, Tia Wilson, Helen Hawkes, Nixon Leung, Jo Hardy, Huzaifa Adamali, Shaney Barratt

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Retrospective, multicentre (UK) analysis of bleeding risk from nintedanib with or without concomitant anticoagulation in fibrotic ILD patients
Nixon Leung (Bristol, United Kingdom), Randeep Karwal, Giles Dixon, Sarah Mulholland, Nazia Chaudhuri, Siobhan Donnelly, Ann Box, Sandra Taylor-Stratford, Laura Horgan, Muthu Thirumaran, Sarah Haney, Huande Wong, Anjali Crawshaw, Inuri Patabendi, Isabel Millward, Elizabeth Elton-Walters, Penny Prime, Richard J Hewitt, Hussain Shah, Shereen Boreland, Deep Haria, Robina K Coker, Melissa Wickremasinghe, Katie Ward, David Woods, Sunil Patel, Zaneeta Nagji, Geeta Vekaria, Timothy Gatheral, Stephen Woodmansey, Natalie Waddington, Anushka John, Ahmed Ali, Christopher C Huntley, Gareth I Walters, Emma Briggs, Gayathri Mohan, Joshua Harridine, Rachel Hoyles, Marianne Turner, Jo Hardy, Shaney L Barratt, Ahmed Fahim, Huzaifa Adamali

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Rituximab–Mycophenolate Versus Mycophenolate in Patients With Interstitial Lung Disease (ILD) Secondary to Systemic Autoimmune Diseases (SAD): A Real-World Experience
Cesar Alejandro Araque Molina (Madrid, Spain), María Fernanda Del Pino Zambrano, David Martos Ruiz, Jorge Rabago Castro, Inmaculada Castillo Gil, María Beatriz Arias Arcos, Julio Hernández Vázquez, Silvia Martín Bote, María Jesús Buendía García, Ismael Ali García, Africa Alcorta Mesas, Mariara Antonieta Calderón Alcalá, María Isabel Andrade Vela, Carmen Matesanz Ruiz, Elena Rodríguez Jimeno, Luis Arvelo Castro, Miguel Suárez Ortiz, Miguel Lorente González, Daniel Hiab Mouhtar El Halabi, Irene Milagros Dominguez Zabaleta, Laura Cebrian Méndez, María Belén López-Muñiz Ballesteros

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Real-world effectiveness of antifibrotics in slowing FVC and DLCO decline in progressive pulmonary fibrosis
Aycan Yüksel (Ankara, Turkey), Polina Nezalzova, Gaye Ulubay

Minimizing steroid toxicity in interstitial lung diseases
Alberto Casey (Ciudad Autónoma Buenos Aires, Argentina), Juan Ignacio Enghelmayer, Gabriela Legarreta, Silvana Acuña

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Effectiveness of nintedanib in progressive pulmonary fibrosis (PPF) non IPF: a single-centre, real-life study
Marta Lomi (Pistoia, Italy), Davide Chimera, Matteo Colli, Chiara Romei, Annalisa De Liperi, Alessandro Celi, Laura Tavanti, Laura Carrozzi, Francesco Pistelli

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Efficacy of inhaled treprostinil versus PDE5 inhibitors and no treatment in ILD-PH
Laura Price (London, United Kingdom), Hiba Lee, Bea Massó De Rafael, Diego Federico Funes, Martí Hopmans Galofré, Míriam Fernández, Chloe Teng, Anna Maliouri, Laurence Tilley, Vicki Laskier-Owens, Jean Hamilton, John Wort

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Impact of dexamethasone on respiratory sequelae in the follow-up of hospitalized patients with Sars-Cov-2 pneumonia
David Espejo Castellanos (Barcelona, Spain), Maria Florencia Pilia, Maria A Ramon, Saliha Omari, Christian Romero Mesones, Iñigo Ojanguren, Maria Jesús Cruz, Xavier Muñoz Gall

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Acute use of nintedanib for rapidly progressive pulmonary fibrosis: experience of inpatient use at a tertiary interstitial lung disease service
Jessica Clements (London, United Kingdom), Laura Chapman, Boris Lams, Sangita Agarwal, Alexandra Lawrence, Grainne D'Ancona

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Real-life cohort study of patients with progressive pulmonary fibrosis receiving antifibrotic therapy
Nanna Makholm Østergård (Aarhus, Denmark), Thomas Skovhus Prior, Jesper Rømhild Davidsen, Saher Burhan Shaker, Thomas Kromann Lund, Wim Wuyts, Elisabeth Bendstrup

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Characteristics and Outcomes of patients treated with CDK4/6 inhibitors who develop interstitial lung disease
Gautam George (Philadelphia, United States), Ryan D'Souza, Ross Summer

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Clinical characterization of serum SP-D and serum KL-6 levels in patients with drug-induced lung injury associated with lung cancer chemotherapy
Tomoyuki Takahashi (Sapporo Hokkaido, Japan), Atsushi Saito, Masashi Bando, Haruyuki Ishii, Tomoo Kishaba, Yasuhiro Kondoh, Satoshi Konno, Atsushi Miyamoto, Yasunari Miyazaki, Akimasa Sekine, Takafumi Suda, Hirotaka Nishikiori, Hiroki Takahashi, Hirofumi Chiba

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Current Treatment Patterns and factors associated with Therapy Choices in SSc-ILD
Corrado Campochiaro (Milan, Italy), Marie-Elise Truchetet, Madelon Vonk, Giacomo De Luca, Giovanna Cuomo, Lidia P Ananieva, Eric Hachulla, Vanessa Smith, Ana Maria Gheorghiu, Radim Becvar, Patricia Carreira, Nicolas Hunzelmann, Daniel E Furst, Vera Ortiz-Santamaria, Francesco Del Galdo, Marco Matucci-Cerinic, Anna-Maria Hoffmann-Vold

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Prospective evaluation of initial admission parameters and it's relation to the outcome in patients admitted to the ICU with respiratory failure secondary to ILD
Sumeet Kumar De (KOLKATA, India), Zia Hashim

Pulmonary implications of Primary Sjögren's syndrome – a retrospective cohort anaysis
Marius-Alexandru Coteț (Bucuresti, Romania), Daniela Gologanu, Valentin Nedelcu, Ion Ion, Marius Ioan Balea, Daniela Popescu, Razvan Ionescu, Doina Nitescu, Magda Parvu, Daniel Musetescu, Matei Tibrea, Simona Caraiola

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Diagnostic evaluation and management of fibrotic hypersensitivity pneumonitis (fHP): Experience from a UK tertiary centre
Trishala Raj (Leeds, United Kingdom), Dervla Ireland, Hafsa Nauman, Cristina Avram

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Radiological patterns and their impact on prognosis in interstitial lung disease with ANCA-Associated vasculitis from a tertiary care UK hospital
Ashnish Sinha (Luton, United Kingdom), Viral Nanda, Ketan Malu, Chetan Mukhtyar, Christopher Atkins, Ajay Kamath

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PS-14 Session 12:30 - 14:00

Poster session: Rethinking cough: from mechanism to management

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Epidemiology Physiology Pulmonary function testing Cell and molecular biology Endoscopy and interventional pulmonology Imaging Surgery

Chairs : Imran Satia (Hamilton, Canada), Dominic Sykes (Hull, United Kingdom)

Efficacy and tolerability of gefapixant in chronic cough: a single-center retrospective study
Emi Fukasawa (Shizuoka, Japan), Shogo Sakurai, Taisuke Akamatsu, Toshihiro Shirai

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Association between baseline cough burden and gefapixant discontinuations due to taste-related adverse events
Jacky Smith (Manchester (Greater Manchester), United Kingdom), Surinder S Birring, Peter Dicpinigaitis, Lorcan Mcgarvey, Alyn Morice, Jin Xu, Allison Martin Nguyen, George Philip, Carmen La Rosa

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Clinically relevant attenuation of cough with gefapixant: a post hoc analysis
Surinder S. Birring (London, United Kingdom), Peter Dicpinigaitis, Lieven Dupont, Lorcan Mcgarvey, Alyn Morice, Jaclyn Smith, Jin Xu, Allison Martin Nguyen, George Phillip, Carmen La Rosa

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Time course of patient-reported outcomes among gefapixant responders vs nonresponders: post hoc analysis
Lorcan McGarvey (Belfast, United Kingdom), Surinder S Birring, Peter Dicpinigaitis, Alyn Morice, Jaclyn Smith, Jin Xu, Eduardo Urdaneta, Allison Martin Nguyen, George Phillip, Carmen La Rosa

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Patient Global Impression of Change: contextualizing patient-reported outcomes in gefapixant phase 3 trials
Lieven Dupont (Leuven, Belgium), Surinder S Birring, Peter Dicpinigaitis, Lorcan Mcgarvey, Alyn Morice, Jaclyn Smith, Jin Xu, Allison Martin Nguyen, George Phillip, Carmen La Rosa

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Impact of Gefapixant on Chronic Cough in a Real-World Setting
Berta Lloret Puig (sabadell, Spain), Ana Isabel Sogo, Daniela Yamunaque, Carmina Rodriguez, Christian Domingo

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Sex hormones trigger airway sensory nerve activation: do hormones drive neuronal dysfunction in cough?
Charlotte Healey (london, United Kingdom), Fisnik Shala, Sara Bonvini, Michael Wortley, Eric Dubuis, Mark Birrell, Maria Belvisi

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The effect of morphine on cough in patients with refractory chronic cough and repeat expansions of RFC1
Laurent Guilleminault (Toulouse Cedex, France), Pauline Chazelas, Corinne Magdelaine, Thomas Villeneuve, Anne-Sophie Lia, Laurent Magy

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Understanding the journey and health status of patients with refractory or unexplained chronic cough in the Netherlands
Jan Willem K. van den Berg (Zwolle, Netherlands), Mireille A. Edens, Anoe Oedit Doebe, Hester Van Der Velden, Maxime Heezen

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Effect of Fixed BDP/FF/G Therapy on Cough Efficacy in Moderate-Severe COPD
Rocco Accogli (Parma, Italy), Annalisa Frizzelli, Roberta Pisi, Alessandra Marchese, Alfredo Chetta, Marina Aiello

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Unveiling Clinical Predictors of Outcomes in Patients with Chronic Cough (CC)
Alessandra Sorano (Firenze, Italy), Giulia Fabietti, Leonardo Gori, Giovanni A. Fontana, Federico Lavorini

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Membranous tracheobronchial reduction surgery for excessive dynamic airway collapse associated with intractable chronic cough
Alessandra Sorano (Firenze, Italy), Alessandro Gonfiotti, Giulia Fabietti, Massimo Osvaldo Jaus Jaus, Luca Voltolini, Federico Lavorini

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What's in a name? Confusion around chronic cough among US healthcare professionals
Kaiser G. Lim (Rochester, United States), Bhavini Parikh, Christine Henning, Carolyn Sweeney, Eric Davenport, Sarah Calhoun, Su Bunniran

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Are there any super-responders in the management of chronic cough patients treated in cough clinic ?
Katarzyna Białek-Gosk (Warszawa, Poland), E. Magdalena Grabczak, Olga Truba, Karolina Klimowicz, Marta Dąbrowska

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What can we learn from chest CT in adults with chronic cough? Data from the ERS NEuroCOUGH CRC Registry.
Marta Dąbrowska (Warszawa, Poland), Elżbieta M. Grabczak, Białek-Gosk Katarzyna, Lorcan Mcgarvey, Alyn H. Morice, Sean Parker, Peter P Cho, Surinder S. Birring, Clina Mcdowell, James H Hull, Jacklyn Smith, Lauran Guilleminault, Peter Kardos, Jan W Van Den Berg, Christian Domingo, Lieven J Dupont

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Preclinical modelling of female enhancement of airway sensory nerve responsiveness
Charlotte Healey (london, United Kingdom), Sara Bonvini, Michael Wortley, Eric Dubuis, Billy Baxter, Mark Birrell, Maria Belvisi

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Azithromycin and oesophageal motility in chronic respiratory disease: a feasibility trial
Dominic Sykes (Hull, United Kingdom), Kayleigh Brindle, Rohan Menon, Simon P Hart, Jennifer Nielsen, Warren Jackson, John Gallagher, Elisabeth Kirton, Mengru Zhang, Alyn H Morice, Michael G Crooks

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Real-world retrospective study on the characteristics, management and outcomes of patients presenting to a tertiary chronic cough clinic
Sana Khan (Hamilton, Canada), Saif Samari, Namarik Alenezy, Jonathan Guan, Alishaba Atta, Imran Satia

PS-27 Session 12:30 - 14:00

Poster session: Novel investigations in respiratory muscle

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Imaging | Pulmonary function testing | Epidemiology

Chairs : Diego Poddighe (Leuven, Belgium), Chair to be confirmed

Electrical activation of inspiratory muscles: a frailty marker in COPD patients?
Mustafa Ertuğrul Yaşa (Ankara, Turkey), Büşra Nur Fındık, Yakup Arslan

Effects of inspiratory muscle training on oxygen consumption and physical activity levels in patients with Parkinson's disease with preserved pulmonary function
Musa Güneş (Karabuk, Turkey), Meral Boşnak Güçlü, Ayşenur Güvenir, Hatice Ayşe Bora Tokçaer

Randomised crossover trial of oronasal mask vs mouthpiece for mechanical insufflation-exsufflation: Waveform analysis
Elizabeth Lambrinos (South Coogee, Australia), Pui Wai Ng, Olivia Mcguiness, Maree Milross, Amanda Jane Piper, Collette Menadue

Inspiratory muscle strength as a predictor of maximal exercise capacity in patients with liver cirrhosis
Bilge Taşkın Gürel (Ankara, Turkey), Onur Keskin, Naciye Vardar Yağlı

The association between frailty and respiratory muscle strength in hospitalised patients with acute exacerbation of COPD
Aylin Tanriverdi Eyolcu (Çankırı, Turkey), Gulgun Cerci, Furkan Ozdemir, Ozkan Kilic

Effects of the novel individualized respiratory exercise device in healthy adults
Hikmet Uçgun (Istanbul, Turkey), Buket Akıncı, Çiğdem Emirza Cilbir, Özge Ertan Harputlu, Büşra Ülker Ekşi, Gökşen Kuran Aslan, Esen Kıyan

Respiratory muscle strength in elderly with sarcopenia: preliminary data
Rafaella Xavier (São Paulo (SP), Brazil), Allan Silva, Andrey Fialcoski, Antonio Vieira, Isabella Silva, Rafaela Silva, Luciana Vieira, Renata Barbosa

Association between hyperinflation, thoracoabdominal asynchrony, and diaphragmatic mobility in moderate to very severe COPD: a cross-sectional study
Juliana M. B. Santos (São Paulo, Brazil), Estéfane C.M. Reis, Thiago F. Pinto, Cibele C. B. Marques Da Silva, Adriana C. Lunardi, Joao S Pais, Regina M. Carvalho-Pinto, Alberto Cukier, Maria C. Chammas, Celso R. F. Carvalho

Fall risk, respiratory muscle strength and posture in patients with COPD
Hidaye YAMIKAN (ANKARA, Turkey), Aynur Demirel, Oguz Karcioglu

Association between diaphragm thickness, inspiratory muscle strength and expiratory peak flow in institutionalized older adults: A cross-sectional study.
Silvana Loana Oliveira Sousa (Murcia, Spain), Felipe Jesús Portillo-Castaño, Felipe León-Morillas, Luis Fernández-Azorín, Thaíza Teixeira Xavier Nobre, Adriana Catarina Souza Oliveira

The hidden burden: obesity's effect on lung function, functional capacity, and asthma control in asthmatic adults
Meltem Kaya (İstanbul, Turkey), Esra Nur Arslan, Turgut Öztutgan

Comparison of aerobic capacity, respiratory muscle strength and sleep quality ın patients with obstructive sleep apnea syndrome of different severities
Filiz Eyüboğlu (İstanbul, Turkey), Mert Ilhan, Tuba Kolaylı Cerezci, Orhan Dalkilic

The Impact of Respiratory Function on Functionality and Mortality in ALS Individuals
Guilherme Fregonezi (Rio Grande do Norte, Brazil), Ana Cristina Medeiros Garcia Maciel, Vanessa Regiane Resqueti, Lariza Maria Costa, Ana Aline Marcelino Da Silva, Jéssica Danielle Medeiros Da Fonseca, Rayane Grayce Silvia Vieira, Karen Pondolfe, Matias Otto Yáñez, Jordi Vilaró, Roberto Vera Uribe, Rodrigo Torres Castro, Giane Amorim Ribeiro-Samora, Danilo Nagem, Ricardo Alexsandro Valentim, Mario Emilio Teixeira Dourado Junior

Voice as a biomarker to detect asthma control and comorbidities: a cross-sectional study
Yan Anderson Pires de Oliveira (São Paulo, Brazil), Fabiano Francisco De Lima, David Halen Araujo Pinheiro, Vitoria Zacarias Cervera, Mariana Lopes Pestana, Marcio Antonio Furlan Jr., Regina M. Carvalho-Pinto, Rosana C. Agondi, Larissa C. Berti, Marcelo Finger, Celso R. F. Carvalho

The Relationship Between the Viscoelastic Properties of Respiratory Muscles and Respiratory Parameters in Individuals with Chronic Obstructive Pulmonary Disease (COPD)
ÖZGE ECEM ŞENEL (istanbul, Turkey), Gul Deniz Yilmaz Yelvar, Seda Tural

Respiratory sarcopenia in hemodialysis patients and its relation to respiratory capacity
Javier Martín Núñez (Granada, Spain), Laura López Lñopez, Miriam Barrales Iglesias, Vanesa García Chumillas, Lourdes Rodríguez Castro, Lucas Vírseda Carrasco, Marie Carmen Valenza

Activity levels and their impact on respiratory sarcopenia and respiratory capacity in hemodialysis patients.
Javier Martín Núñez (Granada, Spain), Alejandro Heredia Ciuró, Ana Delgado Ureña, María Peña Ortega, Lourdes Rodríguez Castro, Lucas Vírseda Carrasco, Marie Carmen Valenza

Respiratory and functional characteristics of people with Guillain-Barré Syndrome: experience from an inpatient rehabilitation centre
Miguel P. Almeida (Senhora Da Hora, Portugal), Inácio Menezes, Rui Santos, Ana Lima, João Carlos Winck, Alda Marques

Investigation of respiratory function, respiratory muscle strength and respiratory parameters recorded during cardiopulmonary exercise test in adults with cystic fibrosis and healthy
Aydan Asli Aksel Uylar (Ankara, Turkey), Melda Saglam, Ebru Damadoglu, Naciye Vardar Yagli

How burdensome is daily respiratory physiotherapy for adults with Cystic Fibrosis undergoing Elexacaftor/Tezacaftor/Ivacaftor (ETI)?
Elena Salonini (Verona (VR), Italy), Alessandro Gaditi, Riccardo Guarise, Eleonora Salamon, Sara Tomezzoli, Marco Cipolli

PS-38 Session 12:30 - 14:00

Poster session: Pulmonary arterial hypertension: new molecular pathways and new therapeutic insights

Disease(s) : Pulmonary vascular diseases

Method(s) : Epidemiology Public health Cell and molecular biology Imaging Physiology Pulmonary function testing

Chairs : Mark Toshner (Cambridge, United Kingdom), Johad Khoury (Brnaford, United States)

Cibotercept analog, RKER-012, reversed sugen-hypoxia induced pulmonary arterial hypertension in rats.
Pritesh Jain, Cynthia Pinkus, Anjiri Upadhye, Tandicka Nurse, Jeanne A. Ishimwe, Gomathi Thirumurthy, Keith Babbs, Tyler Daman, Rosa Grenha, Jasbir Seehra, Lorena Lerner, Sachindra Raj Joshi

Right Ventricular Response to Pulmonary Hypertension: Sex- and Strain-Dependent Differences in Sugen5416 and Hypoxia Models
Sailun Wang (Giessen, Germany), Jill Kowitz, Christina Pilz, Jochen Wilhelm, Friedrich Grimminger, Hossein A. Ghofrani, Norbert Weissmann, Khodr Tello, Werner Seeger, Ralph Schermuly, Baktybek Kojonazarov

ALK1:BMPRII receptor clustering by an agonist bispecific antibody (rDIAG723) prevents PAH development in the rat sugen hypoxia model
Andrew Sullivan (Watertown, United States), Huan Yue, Sean Guo, Aysheh Alrfooh, Melissa Geddie, Patrick Andre

Preclinical evaluation of a novel vector for Pulmonary Hypertension diagnosis and treatment
Harm Jan Bogaard (Amsterdam, Netherlands), Joey Muns, Kevin Ademzek, Rychon Van Dasselaar, Xiaoqing Sun, Keimei Yoshida, Sylvia Klomp, Esther Nossent, Jan Willem Duitman, Bart Nijmeijer, Guus Van Dongen

Effect of combined 5-HT1B receptor antagonist and serotonin reuptake inhibitor LY393558 on isolated pulmonary artery in monocrotaline-induced rat pulmonary arterial hypertension model
Lina Köylüoğlu (Ankara, Turkey), Sena Köz, Gökçen Telli

Long-term survival in patients with pulmonary arterial hypertension with comorbidities stratified by risk classification.
Misaki Kanezawa (Okayama, Japan), Hiroto Shimokawahara, Keiichiro Kuronuma, Hiromi Matsubara

FHL2 is a novel target in pulmonary arterial hypertension
Cacharel Nadeem (Amsterdam, Netherlands), Diana Perez, Carlie De Vries, Kondababu Kurakula

LSC - 2025 - Divergent roles of senescent endothelial cells in the development of pulmonary arterial hypertension
Elmira Safaie Qamsari (Ottawa, Canada), Yupu Deng, Nicholas D Cober, Jalil Azami, Anu Situ, Duncan J Stewart

Hypoxic induction of SGLT2 promotes pulmonary hypertension involving endothelial NADPH oxidases and the HIPPO pathway effector YAP
Xiaoyi Zhan (Munichen, Germany), Sophie Kerth, Andreas Petry, Xinpei Chen, Marion Frankenberger, Katrin Milger-Kneidinge, Michaela Barnikel, Valerie B Schini-Kerth, Sebastian Michel, Agnes Görlach

Decoding the impact of epicardial adipose tissue on right ventricular failure in pulmonary arterial hypertension
Manon Mougin (Quebec Qc, Canada), Sarah-Eve Lemay, Antonella Abi-Sleimen, Mélanie Sauvaget, Sandra Breuil-Bonnet, Sandra Martineau, Olivier Boucherat, Steeve Provencher, Sébastien Bonnet, Francois Potus

The role of SOX17 in the shear stress response of the arterial endothelium
Beau Neep (Lelystad, Netherlands), Laura De Heus, Xiaoke Pan, Robert Szulcek, Martin Wilkins, Christopher Rhodes, Harm Jan Bogaard, Jurjan Aman

Endothelial USP2a-METTL16 loop amplifies IL-6 signaling in pulmonary hypertension
Hanqing Zhu (Shanghai, China)

IRG1/Itaconate axis-mediated inter-organ communication: unraveling bone marrow dynamics in pulmonary hypertension
Golnaz Hesami (Giessen, Germany), Siavash Mansouri, Tessa Smachtel, Chanil Valasarajan, Samuel Olapoju, Baktybek Kojonazarov, Andreas Weigert, Stefan Günther, Sebastien Bonnet, Werner Seeger, Michael Rieger, Rajkumar Savai, Soni Savai Pullamsetti

The role and mechanism of gut microbial metabolite trimethylamine N-Oxide in the occurrence and development of right heart failure
Qianwen Bai (Guangzhou, China), Tao Wang

Increased bone morphogenetic protein 10 in precapillary pulmonary hypertension patients
Aida Llucia-Valldeperas (Amsterdam, Netherlands), Jessie Van Wezenbeek, Joanne A Groeneveldt, Rowan Smal, Gonzalo Sánchez-Duffhues, Clarissa Becher, Azar Kianzad, Samara M A Jansen, Jeroen N Wessels, M Louis Handoko, Lilian J Meijboom, J Tim Marcus, Petr Symersky, Hans W M Niessen, Anton Vonk-Noordegraaf, Harm Jan Bogaard, Marie-Jose Goumans, Frances S De Man

The impact of amyloid-beta and phosphorylated tau 217 on pulmonary hypertension associated cognitive dysfunction
Ping Yuan (Shanghai, China), Wenhui Wu, Sugang Gong, Xiaohuan Xia, Jialin C. Zheng

Targeting adenylyl cyclase isoform 6: novel therapy for pulmonary hypertension
Saeid Maghsoudi (Winnipeg, Canada), Vikram Bhatia, Alexander Pritchard, Martha Hinton, Prashen Chelikani, John L. Sorensen, Shyamala Dakshinamurti

Circulating biomarkers for discriminating pulmonary arterial hypertension and pulmonary veno-occlusive disease
Jan-Christopher Kamp (Hannover, Germany), Enrico Calvino Iglesias, Felix Polten, Andreas Pich, Ulrike Schrameck, Mareike Knoll, Marius M. Hoeper, Karen M. Olsson, Da-Hee Park, Mark P. Kuehnel, Danny D. Jonigk, Marc Humbert, Fabrice Antigny, Julien Grynblat, David Montani, Lavinia Neubert

Prognostic Significance of Heart Rate Recovery After 6-Minute Walk Test in Pulmonary Arterial Hypertension
sojirat wiwatcharoenkul (bangkok, Thailand), Suree Sompradeekul, Krittika Teerapuncharoen

Second- and Third-generation BCR-ABL Tyrosine-Kinase Inhibitors and the Risk of Pulmonary Arterial Hypertension: A Prevalent new-user Population-based Cohort Study
Clément Jambon-Barbara (Grenoble, France), Samy Suissa, Sophie Dell'Aniello, Alex Hlavaty, Jean-Luc Cracowski, Marie-Camille Chaumais, Marc Humbert, David Montani, Charles Khouri

PS-39 Session 12:30 - 14:00

Poster session: Pleural diseases

Disease(s) : Thoracic oncology | Respiratory critical care | Airway diseases | Interstitial lung diseases

Method(s) : Endoscopy and interventional pulmonology | General respiratory patient care | Surgery | Cell and molecular biology | Imaging | Palliative care | Physiology | Public health

Chairs : Amanda Dandanell Juul (Odense S, Denmark)

A Randomised Feasibility Study comparing recurrent therapeutic thoracentesis to indwelling pleural catheter insertion, daily drainage and talc instillation for the management of medically-resistant cardiogenic pleural effusions: The REDUCE 2 Study
Hugh Welch (Bristol, United Kingdom), Emma Tucker, Sonia Patole, Louise Stadon, Alice Milne, Paul White, Steven Walker, Rahul Bhatnagar, Nick Maskell

Indwelling pleural catheter: experience and results
Teresa Mascarell Roda (Sevilla, Spain), Irene Pacheco Carrillo, Andrea Vera Pila, Patricia Montero Sanz, Antonio Javier Cruz Medina, Nuria Reyes Núñez

Local Anesthetic Thoracoscopy: Experience with a Day Hospital regimen in a University Hospital
Mateus Freire Moraes (Rio de Janeiro, Brazil), Renato Abelha

Pleuroscopy could be performed safely in both acute and convalescent hospital in Hong Kong
Yiu Fai Cheng (Hong Kong, Hong Kong), Thomas Mok, Sai On Ling, Yik Ning Poon, Pak Yuen Yau, Chie Wai Yim, Cee Kin Tseng, Chin Tong Kwok, Hoi Yee Kwan

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Differences in sampling devices in medical thoracoscopy
Yuji Matsumoto (Tokyo, Japan), Hideaki Furuse, Kenya Sato, Takaaki Tsuchida

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Predictive factors of patient length of stay with multiloculated pleural effusion after medical thoracoscopy: single-center retrospective cohort study
Wiwien Heru Wiyono (Jakarta, Indonesia), Fahmi Alatas, Andika Chandra Putra, Erlina Burhan, Amirah Nisrina, Muhammad Ilham Dhiya Rakasiwi, Elvan Wiyarta, Gita Fajri Gustya, Adlina Briliani

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Patients with trapped lungs and non-specific pleuritis have shorter survival
Ales Rozman (Golnik, Slovenia), Tara Velepec, Blaz Cestnik, Mateja Marc Malovrh

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Managing Pain in Trapped Lung: A Prospective Evaluation of Air Entrainment Efficacy
Emilia Maria ŚWIETLIK (CAMBRIDGE, United Kingdom), Gareth Duck, Hannah Collins, Hannah Miller, Jurgen Herre

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Malignant pleural effusion in mutant NSCLC: can PROMISE score still predict survival?
Rita Enriquez (Montijo, Portugal), Jorge Cabral, Margarida Aguiar, Maria Alvarenga-Santos, Carla Simão, Filipa Todo-Bom

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Re-expansion pulmonary oedema following medical thoracoscopy
Mei Ting Lim (Singapore, Singapore), Si Ling Young, Brian Lee Wei Chua, Qiao Li Tan, Carrie Kah-Lai Leong, Jane Jing Yi Wong, Ivana Gilcrist Chiew Sian Phua, Wen Ting Lim, Ken Junyang Goh

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Innovation in Pleuroscopy: Efficacy and safety of an externally applied monopolar electrocautery pencil to biopsy forceps for hemostasis.
Subho Sarkar (North 24 Parganas (West Bengal), India), Sameer Bansal, Chakravarthi Loknath, Ravindra Mehta

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The burden of hepatic hydrothorax in an Egyptian tertiary hospital
Maged Hassan (Alexandria, Egypt), Mohamed Yosri, Youssef Elsourady, Ahmed Elhoffy, Eman Sallam, Basma Elshaarawy, Elsayed Elrashidy, Eman Elshinawi

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Impact of pleural service on management of pneumothorax: a three-year review.
Viktoria Oakden (Stoke-on-Trent, United Kingdom), Fathima Fiyaminna, Moustafa Aboushehata, Tess Cusay, Shanel Bichu, Alison Tang, Randeep Karwal, Aye Sandar, Fatma Naser, Mohammed Haris

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Comparative analysis of doxycycline and talc pleurodesis in the treatment of secondary spontaneous pneumothorax
Muhammad Sajjad Sarwar (Bahawalpur, Pakistan), Abdul Samad, Muhammad Rauf-Ul-Hassan, Farah Naz, Saba Mukhtar

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UK general medical registrar competence and confidence in performing out-of-hours pleural procedures
Danyal Jajbhay (London, United Kingdom), Poppy Denniston, Junyi Zhang, Janeth Liang, Owais Kadwani

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Efficacy and safety of fibrinolytic therapy during medical thoracoscopy: a retrospective observational study
Elena Capelli (Bolzano, Italy), Johanna Koehl, Michele Fronza, Floriana Bardaro, Emanuele Stirpe

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Pleural tuberculosis: the role of medical thoracoscopy in the modern era
Ana Rita Dos Santos Martins (Vila Real, Portugal), Rebeca Natal, Francisco Henriques, João Neiva Machado, Salvato Feijó, Sónia Silva

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The utility of ultrasound-guided aspiration of minimal pleural effusion in cancer diagnosis and staging
Syed Muhammad Zubair (Kettering, United Kingdom), George Tsaknis, Muhammad Naeem, Raja Reddy

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Impact of respiratory consultation on interventional radiology-guided pleural procedures (IRGPP)
Abigail Hallum (Birmingham, United Kingdom), Khalil Saadeh, Alana Livesey, Finn Whittaker, Sarah Shuker, Farrukh Rauf, Benjamin Sutton, Richard Thompson, Nadeem Maddekar

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Primary Spontaneous Pneumothorax: association with different smoking habits, pathological lung changes and treatment patterns in a cohort from United Arab Emirates (UAE)
Tala Dalati (Abu dhabi, United Arab Emirates), Emad Raidullah, Yasser Alkassar, Rehab Al Maashari, Shaima Al Ameri, Marah Al Torkmani, Hajar Abid, Waqar Gaba, Tajammal Zahoor, Syed Athar, Ihab Al Magdub, Husen Abdulrahman, Marwan Najib, Muhammad Tufail

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PS-21 Session 12:30 - 14:00

Poster session: Occupational and environmental causes of asthma

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health Cell and molecular biology General respiratory patient care Physiology Pulmonary function testing

Chairs : Mohamed Fareed Jeebhay (Cape Town, South Africa), Chair to be confirmed

Novel Diagnostic Models for Occupational Asthma from Low-Molecular-Weight Agents Exposure
Eva Suarthana (Montréal (Québec), Canada), Hormoz Nassiri Kigloo, Susan Tarlo, Catherine Lemiere, Hille Suojalehto, Kevin Soon-Keen Lau, Jolanta Walusiak-Skorupa, Bilge Akgündüz, Jacques Pralong, Gareth Walters, Mohsen Sadatsafavi, Christopher Carlsten

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A retrospective, multicenter study of biological therapy for occupational asthma.
Andreas Hoheisel (Freiburg, Germany), Ilenia Folletti*, Kateryna Gashynova, Benedikt Jentzsch, Daniele Lillacci, Teyana Pertseva, Marco Dell'Omo, Viktoria Rodionova, Gerhard Hoheisel, Daiana Stolz

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Determinants of fractional exhaled nitric oxide levels among workers at risk of occupational asthma in diverse workplace settings
Mohamed Fareed Jeebhay (Cape Town, South Africa), Phinias Mfune, Roslynn Baatjies

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A systematic review of the diagnostic accuracy of screening tools for work-related asthma
Gareth Walters (Birmingham (West Midlands), United Kingdom), Ngamjit Knogsupon, Peymane Adab, Rachel Jordan, Christopher Huntley, Siwanon Rattanakanokchai, Samuel Wallbanks

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Comorbidities caused by occupational exposure to Chromium: the skin-lung axis
Ali Dehghani (Neiuwegein, Netherlands), Shannah Bennett, Trudeke Möller, Thomas Rustemeyer, Gilbert Wijntjens

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Does the specific challenge response mimic usual workplace exposure response in workers with occupational asthma?
Vicky Moore (Coventry, United Kingdom), Sherwood Burge, Christopher Huntley, Gareth Walters

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Poor long-term outcome of work-related asthma
Hille Suojalehto (Helsinki, Finland), Jussi Lantto, Irmeli Lindström

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Impact of gender on the development of allergic respiratory diseases in the occupational environment
Wiem Ayed (nabeul, Tunisia), Meriem Mersni, Chaima Habouria, Ghada Bahri, Siwar Chemingui, Dorra Brahim, Imen Youssef, Najla Mechergui, Hanene Ben Said, Mejda Bani, Soraya Fenniche, Nizar Ladhari

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Respiratory Allergies in Hairdressing and Aesthetics Workers
Salma Abrar (Agadir, Morocco), Abdelkrim Khannous, Hanane Ikrou, Nada Boutbagha, Oussama Halloumi, Selma Abdala, Hind Serhane

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Health and Social Factors and their influence on asthma symptoms at work (HANDS-ON Asthma): a primary care and population cross-sectional study
Gareth Walters (Birmingham (West Midlands), United Kingdom), Ngamjit Kongsupon, Peymane Adab, Rachel Jordan

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Metal-Induced Work-Related Asthma: Analysis of Clinical Features and Occupational Outcomes
Narjes Belhadj Chabbah (Sahloul University Hospital Sousse Tunisia, Tunisia), Bouhoula Marwa, Nakhli Rania, Sridi Chaima, Chelly Farah, Fki Amen, Makhloufi Manel, Aloui Asma, Chouchane Asma, Kacem Imen, Chatti Souhaiel

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Standardisation of a method for the determination of specific IgE to soybean hull aeroallergen
Victor Guerra-Ruiz (Barcelona, Spain), Maria Florencia Pilia, David Soler-Segovia, David Espejo Castellanos, Christian Eduardo Romero Mesones, Ander Goitisolo Oyon, Iñigo Ojanguren Arranz, Xavier Muñoz Gall, María Jesús Cruz Carmona

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PM-bound PAHs influence respiratory function and allergy risk in healthy adults
Artur Badyda (Warszawa, Poland), Andrzej Chciałowski, Piotr Dąbrowiecki, Dominika Jaskóła-Polkowska, Agnieszka Rzeszotarska, Joanna Korsak, Adam Stańczyk, Dominika Mucha

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Inflammatory and immunological effects of environmental pollutants exposure in asthma patients
David Soler Segovia (Barcelona, Spain), Christian Romero Mesones, David Espejo, Flor Pilia, Iñigo Ojanguren, Victor Guerra Ruiz, Marc Massa Gómez, Carlos Gómez Ollés, Xavier Múñoz Gall, Mº Jesús Cruz Carmona

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Assessing the impact of non- tailpipe emissions from traffic on the asthmatic airway (IONA)
James Scales (London, United Kingdom), Hajar Hajmohammadi, Max Priestman, Luke Mcilvenna, Ingrid De Boer, Anja Tremper, Gang Chen, Helen Wood, Klea Katsouyanni, Ian Mudway, Dave Green, Chris Griffiths

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Impact of heat waves on pulmonary function tests in patient with chronic bronchial diseases
Sara Salvador Fernàndez (Barcelona, Spain), Christian Eduardo Romero Mesones, Maria Florencia Pilia, David Espejo Castellanos, David Soler Segovia, Iñigo Ojanguren Arranz, Francisco Javier Muñoz Gall, María Jesús Cruz Carmona

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IONA: Investigating the Relationship Between Traffic-Related Non-Tailpipe Emissions and Airway Inflammation in Adults with Asthma.
Ian Mudway (London, United Kingdom), Tzer-Ren Ho, Rong Feng, James Scales, Hajar Hajmohammadi, Luke Mcilvenna, Ingrid De Boer, Helen Wood, Max Priestman, Anja Tremper, Gang Chen, Dave Green, Klea Katsouyanni, Chris Griffiths

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Long-term exposure to air pollution and risk of adult-onset asthma
Jiawei ZHANG (Copenhagen, Denmark), Rina So, Marie Bergmann, Stéphane Tuffier, Cale Lawlor, Kajsa Pira, George Napolitano, Ebba Malmqvist, Anna Oudin, Youn-Hee Lim, Zorana Jovanovic Andersen

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Impact of climate changes and air quality on asthma-related emergency department visits in a tropical country
Ming Ren Toh (SINGAPORE, Singapore), Xingdi Wen, Gerald Ng, Shao Wei Lam, Jun Tian Wu, Marcus Ong, David Matchar, Ngiap Chuan Tan, Chian Min Loo, Mariko Koh

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Maternal work-related stress prior to conception and airway and skin symptoms in infancy – results of the transgenerational ACROSSOLAR study
Katja Radon (Munich, Germany), Lisa Stettin, Christian Vogelberg, Dennis Nowak, Tobias Weinmann, Bianca Schaub, Felix Forster

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PS-28 Session 12:30 - 14:00

Poster session: Nursing and digital health

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : General respiratory patient care | Palliative care | Public health | Pulmonary rehabilitation | Transplantation | Epidemiology | Respiratory intensive care

Chairs : Ricardo Salgado (Lausanne, Switzerland), Chair to be confirmed

Continuous cough monitoring to evaluate tolerance to inhaled antibiotic treatment in patients with chronic bronchial infection
Sally Santisteve (lleida, Spain), Anna Sánchez, Aida Monge, Anna Vila, Carlos Manzano, Ivan Benitez, Ivan Juez, Arturo Morales, Stephanie Swift, Ferran Barbé, Jessica González

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A randomized controlled trial of a personalized mHealth-Based management program in asthma patients
(Changchun, China),

Is use of self-administered tablet audiometer for assessing hearing in the clinic environment beneficial for improving patient experience?
Nikki Burke (Leeds, United Kingdom), Guilia Spoletini, Connie Webster, Daniel Peckham

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Nicotine Dependence Among Healthcare Workers
Nouha Naanaa (Hammamet, Tunisia), Hiba Ziedi, Nesrine Chaouech, Nadine Khaterchi, Najla Mechergui

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Evaluating the sustainability of remote pateint monitoring in an integrated step-down approach of home oxygen in acute illness.
Cielito Caneja (Croydon (Surrey), United Kingdom), Sally Newsome, Amy Grant, Anna Ryan, Christiana Pena, Roshan Siva, Yogini Raste, Dylan Jenkins

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Artificial Intelligence in Mechanical Ventilation Nursing: Clinical Applications, Implementation Challenges, and Future Directions
YAN XUE (changchun, China), jing , Hongjing Lin, Zeyu Qin, Xueli Zhang

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The impact of telemedicine-based interventions on adherence to CPAP therapy in adults with Obstructive Sleep Apnoea: A systematic review
Karolina Krystyna Glomba (Oranmore (Co Galway), Ireland), Bridget Murray

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A Study on the Application Effects of Artificial Intelligence-Assisted Nursing Decision-Making in the Intensive Care Unit (ICU)
Qin Zeyu (Changchun (Jilin), China), Hongjing Lin

Adherence to non-invasive ventilation in amyotrophic lateral sclerosis: a retrospective cohort analysis
Federica Riva-Rovedda (Turin, Italy), Giuseppe Tabbia, Rocco Francesco Rinaldo, Valentina Pennetta, Paolo Solidoro, Andrea Calvo, Valerio Dimonte, Marco Clari

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Impact of virtual nurse/pharmacist-led monitoring in patients with interstitial lung disease (ILD) on antifibrotic treatment in a UK ILD specialist centre
Charlotte Crook (Exeter, United Kingdom), Sarah Lines, Belen Carballido-Romero, Victoria Elworthy, Jessica Mandizha, Bridie Mitchell, Ana Rita Paiva, Louise Rowland, Hayley Serjeant, Rebecca Davies, Jessica Moss, Kate Taylor, Anna Duckworth, Amelia Stockley, Stefan Cristian Stanel, Michael Anthony Gibbons, Pilar Rivera-Ortega

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A digital self-management programme (BreathTec) compared to standard care PR to support mental health in patients with a chronic respiratory disease: A retrospective analysis.
Matthew Armstrong (Durham, United Kingdom), Karen Heslop Marshall

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Telemonitoring of Patients with Chronic Obstructive Pulmonary Disease: Enhancing Empowerment
Anne Dichmann Sorknæs (Vester Skerninge, Denmark), Natassia Kamilla Juul, Lena Lykke Jønch-Clausen, Rikke Lyngholm Christensen

The Role of ILD Clinical Nurse Specialists in enhancing lung transplantation access
Lisa Green (SOLIHULL, United Kingdom), Emma Briggs, Bethany Hemmings, Geraldine Burge, Claire Walker, Gareth Walters, Anne-Marie Russell, P Sherwood Burge, Christopher Huntley

Azithromycin prophylaxis how long is too long?
clare connolly (Galway, Ireland), Rachel O'Neill, Emma Burke, Eimear Nicdhonncha, Stephen Bradish, Michael O'Mahony, Melissa Mcdonnell, Sinead Walsh

Medication adherence and psychological status among patients with Chronic Obstructive Pulmonary Disease (COPD) attending the respiratory clinic at a selected hospital in Jaffna, Sri Lanka
Akindra Kariyawasam (Galle, Sri Lanka), Thakshila Sewwandi, Sutharsini Kunasurgaram, Kanishka Desilva, Kalpana Wijayakumar, Isuri Navoda, Nilushi Nisansala

The use of complementary alternative medicine among patients with chronic obstructive pulmonary disease in Turkey
Gamze Oğuz Erdem (Kagıthane/Istanbul, Turkey), Rahşan Çevik Akyil

End of life care for patients with COPD in the Emergency department: a health care professionals perception
Emma Rickards (St Helens (Merseyside), United Kingdom), Elaine Ball, Joy Probyn, Sarah Sibley, Dennis Wat

Health professionals' perspective on simulation in-situ training as a method for improving care and treatment in respiratory medicine
Anne Klint Madsen (Odense C, Denmark), Laura Trier-Mørch, Helle Marie Christensen

Self-Control Skills of Tuberculosis Patients: A Review of Studies in Turkey
Gamze Oğuz Erdem (Kagıthane/Istanbul, Turkey), Zehra Aydın

Impact of Personalized Nursing Intervention on Respiratory Function and Quality of Life of Patients with Chronic Obstructive Pulmonary Disease
Jing Yang (ChangChun, China), Zeyu Qin

PS-18 Session 12:30 - 14:00

Poster session: Recent advances in our understanding of the epidemiology and diagnosis of airways disease

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Imaging Public health Cell and molecular biology General respiratory patient care

Chairs : Wim Janssens (Leuven, Belgium), Chair to be confirmed

Sensitization Pattern to aeroallergens and food among children with atopic asthma
Ali Alsuheel Asseri (Abha, Saudi Arabia)

Pollen in the Air, Asthma in the ER: A Seasonal Pattern
Sofia Maria Mazzotta (monza, Italy), Giada Di Franco, Marco Maggi, Sara Menandro, Antonio Gabriele Iuliano

Allergen sensitization profile of patients presenting to the allergy clinic due to allergic rhinitis and asthma in a small city in western Turkey during autumn and winter
Özge Can Bostan (Ankara, Turkey)

Impact of fungal sensitization on long-term outcomes in a French severe asthma cohort
Robin Réau (Paris, France), Pascale Nicaise, Pierre Le Guen, Mathilde Le Brun, Catherine Neukirch, Camille Taillé

Clinical characteristics of Aspergillus fumigatus sensitised severe asthma patients in severe asthma registry (SHARP)
Ana Žaže Bertoncel (Ljubljana, Slovenia), Gordana Pavliša, Aruna Bansal, Kristina Bieksiene, Arnaud Bourdin, Marcus Butler, Georgio Walter Canonica, Zsuzsanna Csoma, Bilun Gemicioglu, Ineta Grisle, Shane Hanon, Peter Kopač, Piotr Kuna, Ramesh Kurukulaaratchy, Joerg Leuppi, Claudia Loureiro, Dora Lúðvíksdóttir, Florin Mihălţan, Jeanne Marie Perotin, Celeste Porsbjerg, Kostas Samitas, Florence Schleich, Vratislav Sedlak, Valentyna Yasinska, Sanja Popović Grle, Anneke Ten Brinke, Sabina Škrgat

Heterogeneity of Aspergillus fumigatus sensitization testing captured by national severe asthma registries in SHARP
Gordana Pavliša (Zagreb, Croatia), Ana Žaže Bertoncel, Aruna Bansal, Kristina Bieksiene, Arnaud Bourdin, Marcus Butler, Georgio Walter Canonica, Zsuzsanna Csoma, Bilun Gemicioglu, Ineta Grisle, Shane Hanon, Peter Kopač, Piotr Kuna, Ramesh Kurukulaaratchy, Joerg Leuppi, Claudia Loureiro, Dora Lúðvíksdóttir, Florin Mihălţan, Jeanne Marie Perotin, Celeste Porsbjerg, Kostas Samitas, Florence Scleich, Vratislav Sedlak, Valentyna Yasinska, Sanja Popović-Grle, Anneke Ten Brinke, Sabina Škrgat

Aspergillus Sensitization in Asthma :Risk factors , Serological profiles and Disease severity A phenotype
Jyoti Bajpai (Lucknow (Uttar Pradesh), India), Vishal Shukla, Surya Kant, Ajay Verma, Darshan Bajaj

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Allergic rhinitis with monosensitization to fungal allergens becoming more frequent in Ukraine: a unique disease phenotype or a precursor to asthma?
Sergii Zaikov (Kyiv, Ukraine), Artemii Bogomolov, Mykola Gumenyuk

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Patterns of Insect Venom Hypersensitivity in Patients with Asthma: Is There a Difference Between Eastern and Western Europe?
Kateryna Gashynova (Dnipro, Ukraine), Andreas Hoheisel, Eugenia Dytyatkovska, Grit Ackermann, Jaime Alvarado, Yelena Koretskaya, G Hoheisel, Daiana Stolz

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Treatment and management of hypersensitivity reactions developed against anti-tuberculosis drug
ZEYNEP YEGİN KATRAN (İSTANBUL, Turkey), Ismet Bulut, Aylin Babalık, Metin Keren, Fatma Merve Tepetam

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Hormonal contraceptive use and adult-onset asthma: A 15-Year cohort study of 2.1 million women
Fatima Almaghrabi (Manchester, United Kingdom), Bright Nwaru, Aziz Sheikh, Syed Ahmar Shah

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Total IgE and its role in disease characterisation across obstructive airway disease: Findings from the NOVELTY Study
Jose M. Olaguibel (Pamplona, Spain), Christer Janson, Andrei Malinovschi, Magnus Borres, Rosa Faner, Rod Hughes, Anastasios Mangelis, Hana Müllerová, Alberto Papi, Helen K. Reddel

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EGPA disease burden in Europe and US: evidence from real-world clinical practice
Bo Ding (Mölndal, Sweden), Robert Spiera, Paul Dolin, Lotte Westerink, Chris Edmonds, Danuta Kielar, Oliver-Thomas Carter, Tia Pennant, Fritha Hennessy, Stephanie Yanjing Chen

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Distinguishing respiratory features of Eosinophilic Granulomatosis with Polyangiitis vs eosinophilic asthma: A case-control study
Karina Keogh (Rochester, United States), Alvise Berti, Federico Ravanelli, John Hagan, Misbah Baqir, Ulrich Specks

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Allergy is not the only diagnosis when children get skin manifestations after betalactamins intake
Heni Abdelhedi (Sfax, Tunisia), Heni Abdelhedi, Nour Kallel, Rim Khemakhem, Nesrine Kallel, Walid Feki, Hajer Ayadi, Lobna Ben Mahmoud, Salma Ben Ameur, Najla Bahloul, Nedia Moussa, Samy Kammoun

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The Distribution of Allergen Sensitization and Screening Panels for Respiratory Allergic Diseases in Seven Geographical Regions of China: A Multicenter Study
Wenting Luo (Guangzhou (Guangdong), China), Baoqing Sun

Molecular IgE sensitization profiling with micro-arrayed allergen molecules in asthmatics from the LEAD cohort: A precision medicine approach
Huey-Jy Huang (Vienna, Austria), Robab Breyer-Kohansal, Katarzyna Niespodziana, Marie-Kathrin Breyer, Rudolf Valenta, Sylvia Hartl

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Application of magnetic particle chemiluminescence technology to detect sensitization in patients in Guangzhou, China: a study base on real-world medical data
Huimin Huang (Guangzhou (Guangdong), China), Yifan Chen, Haisheng Hu, Peiyan Zheng, Wenting Luo, Yanting Fang, Yinghong Lin, Baoqing Sun

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Mast cell activation test and bronchial hyperresponsiveness in cat allergy: investigating the link to cat allergen induced asthma
Ran Wang (Manchester (Greater Manchester), United Kingdom), Jiakai Wu, Silvia Bulfone-Paus, Clare Murray, Angela Simpson

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The many faces of hypereosinophilic syndrome: A multidisciplinary challenge. Insights from a large cohort study
Piotr Lacwik (Lodz, Poland), Youssef Sleiman, Dominika Ochab-Krupnik, Anna Moscicka, Bartosz Chrusciel, Magdalena Adamczewska, Piotr Damianski, Mateusz Jonakowski, Beata Krecisz, Maciej Kupczyk, Izabela Kuprys- Lipinska, Piotr Kuna, Cezary Pałczyński

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PS-5 Session 12:30 - 14:00

Poster session: New physiological insights in imaging and muscle function

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Pulmonary vascular diseases | Thoracic oncology | Interstitial lung diseases

Method(s) : Physiology | Pulmonary function testing | Epidemiology | Imaging | Surgery | General respiratory patient care | Pulmonary rehabilitation | Public health | Respiratory intensive care

Chairs : Ioannis Vogiatzis (Blyth, United Kingdom), Chair to be confirmed

Electrophysiological assessment of the upper airway dilator muscles in patients with motor neurone disease
Asim Madkhali (London, United Kingdom), Ahmed Almaghrabi, Mohammed Alkhathami, Gillian Radcliffe, Jennifer Owusu-Afriyie, Saba Bokhari, Michelle Ramsay, Georgios Kaltsakas, Joerg Steier

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Forced oscillation technique indices are related to upper airway dysfunction in ALS patients
Angelos Vontetsianos (ATHENS, Greece), Neeraj Shah, Nikolaos Chynkiamis, Christina Anagnostopoulou, Annita Papasarantou, Grigorios Stratakos, Petros Bakakos, Nikolaos Koulouris, Georgios Kaltsakas

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Association of Flow -Volume loop patterns and Clinical Outcomes Patients with Amyotrophic Lateral Sclerosis (ALS)
Supasin Nokron (Bangkok, Thailand), Worawan Sirichana

Prediction of cough effectiveness in amyotrophic lateral sclerosis patients assessed by ultrasound of the diaphragm during the cough expiration phase
Alice Chillemi (Nettuno, Italy), Caterina Debelak, Alessandro Siena, Francesca Di Meo, Fausta Viccaro, Arianna Sanna, Maria D'Andria, Letizia D'Antoni, Paolo Palange

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Diaphragm ultrasound and respiratory function in Duchenne muscular dystrophy: a multicenter study.
Luca Ciceri (Milan, Italy), Elisabetta Roma, Daniela Leone, Andrea Lizio, Cristina De Rose, Danilo Buonsenso, Emilio Albamonte, Stefano Becchiati, Margherita De Gaspari, Chiara Gallivanone, Marino Iatomasi, Paolo Tarsia, Eugenio Maria Mercuri, Valeria Sansone, Federica Trucco

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Quantitative evaluation of diaphragmatic motion in Patients with COPD using dynamic chest radiography
Yajuan Chen (Chongqing (Chongqing), China), Rouqian Chen, Junlin Fan

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Diaphragmatic-controlled breathing increases cardiac vagal modulation
Antonella LoMauro (Milano (MI), Italy), Angelica Carandina, Gabriel Dias Rodrigues, Ludovico Furlan, Eleonora Tobaldini, Andrea Aliverti, Nicola Montano

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Respiratory muscle endurance and exercise-induced respiratory muscle fatigue in adults with the Fontan palliation
Kyle Boyle (Zurich, Switzerland), Patrick Schön, Fernando Beltrami, Matthias Greutmann, Christina Spengler

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The influence of thoracoabdominal binding or added abdominal weight on responses to rapid bilateral anterolateral magnetic phrenic nerve stimulation
Kyle Boyle (Zurich, Switzerland), Anna Stahel, Andrea Beglinger, Esther Schwarz, Christina Spengler

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Thoracic motion analysis using a TrueDepth camera in patients with relapsing polychondritis.
Yoshihiro Nishi (kawasaki, Japan), Shohei Sato, Hiroshi Handa, Hiroki Nishine, Takemi Matsui, Masamichi Mineshita

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Assessment of lung parenchymal elasticity in smokers using magnetic resonance elastography and oscillometry
Sabine Bensamoun (Compiègne cedex, France), Philippe Pouletaut, Fabrice Chaeleux, Sam Bayat

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Diaphragm thickness as a predictor of postoperative pulmonary complications and survival following colorectal cancer surgery
ABDULRHMAN GAZWANI (Birmingham, United Kingdom), Dimitrios Stamatiou, Fang Gao-Smith, Maciej Juszczak, Sharad Karandikar

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Effect of oestrogen and progesterone on hypoxic exercise ventilation and respiratory muscle recruitment: considerations of the menstrual cycle and post-menopause
Sierra Arn (Vancouver, Canada), Shalaya Kipp, Rachel Jackman, Michael G. Leahy, Chloe Mathews, Eva C. Fleming, Michael S. Koehle, Janice M. Leung, A. William Sheel

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Evaluation of factors associated with respiratory muscle function before lobectomy in individuals with lung cancer
Funda Alma (Ankara, Turkey), Ebru Calik Kutukcu, Mehmet Ruhi Onur, Erkan Dikmen, Ulas Kumbasar, Serkan Uysal, Riza Dogan

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Interaction between ventilatory limitations and cardiac function during exercise in HFpEF
Joshua Smith (Rochester, United States), Shane Hammer, Barry Borlaug, Yogesh Reddy

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Lung derecruitment by oscillometry is not related to mean lung density in asthma
Kaj E.C Blokland (Macquarie Park, Australia), Hunor Kertesz, Katrina Tonga, David Chapman, Gregory King

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High-Density Lipoprotein Cholesterol and Lung Function Decline: A Prospective Cohort Study
Young Sam Kim (Seoul, Republic of Korea), Byunghun Yoo, Sun Ho Jung, Soo Han Bae, Chanho Lee

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Clinical relevance of abnormal “dynamic” and “static” lung volumes in patients with COPD
Fernanda Oliveira Baptista da Silva (Porto Alegre (RS), Brazil), Litieli Evelin Wagner, Artur Zanelatto Santos, Lauren Dos Santos Copatti, Laura Correa De Barros Trombin, Amanda Calage Pinto, Cecília De Barros Rodenbusch, Rebeca Remião De Figueiredo, Davi Rodrigues Martins, Alice Scussel, Michelle Cailleaux-Cezar, Marli Maria Knorst, José Alberto Neder, Danilo Cortozi Berton

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A Reproducible Method For Assessing Inspiratory Muscle Force Perception In Healthy Adults
Troy Cross (Forest Lodge, Australia), Kimmy Lau, Molly Mccausland, Gabriel Cho, Caroline Webb, Georgia Chaseling

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Acute effects of cannabis oils on respiratory muscle electrical activity and cardiovascular hemodynamics and in healthy individuals
Guilherme Fregonezi (Rio Grande do Norte, Brazil), Edna Karla Ferreira Laurentino, Marina Lyra L. C. Fagundes, Jessica Danielle Medeiros Da Fonseca, Bruno Lobão Soares, Matias Otto Yañez, Emerson Arcoverde Nunes, Matheus Freitas Fernandes Pedrosa, Vanessa Resqueti

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PS-33 Session 12:30 - 14:00

Poster session: Small cell lung cancer and rare tumours

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology Epidemiology Palliative care General respiratory patient care Imaging Public health Respiratory intensive care Surgery Cell and molecular biology

Chairs : Katerina Bakiri (Cholargos, Attiki, Greece)

Real-world (rw) outcomes with first-line chemoimmunotherapy in extensive-stage small-cell lung cancer (ES SCLC)
Emmanouil Panagiotou (Athens, Greece), Ioannis A. Vathiotis, Athanasios Trimis, Maria Effrosyni Livanou, Nikolaos K. Syrigos, Maria Mani, Ioannis Gkiozos, Marousa Kouvela, Andriani Charpidou

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Rationale and design of a randomized phase II trial of the first-line treatment of extensive stage small cell lung cancer with the combination of Envafolimab, etoposide, and carboplatin with or without trilaciclib (SMA-SCLC-005 study)
Yan Zhou (Shanghai, China), Yao Zhang, Hua Zhong

A RETROSPECTIVE REAL-WORLD EVALUATION OF ATEZOLIZUMAB IN PATIENT WITH SMALL CELL LUNG CANCER (SCLC): A MONOCENTRIC STUDY
Raffaella Pagliaro (Alvignano, Italy), Antonio D'Orologio, Danilo Rocco, Fabiana Vitiello, Marina Gilli, Paola Maria Medusa, Luca Borgese, Susan F.M Campbell, Fabio Perrotta, Andrea Bianco

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Clinical research of combined first-line treatment with everolimus and EP chemotherapy in advanced pulmonary large cell neuroendocrine carcinoma
shuanglong xiong (Chongqing, China), Yan Li

The impact of radiotherapy on the efficacy of chemotherapy with or without immunotherapy in small cell lung cancer
Sheng-Fu Chen (Taichung, Taiwan), Wen-Chien Cheng, Wei-Chih Liao, Chia Hung Chen, Hung-Jen Chen, Chih-Yen Tu, Te-Chun Hsia

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Insights into adenoid cystic carcinoma of the lower airway (ACCLA): a 10-year experience
Carolina Mariana Da Silva Alves (Caparica, Portugal), Marion Gaspar, Rafael Moiteiro Da Cruz, Magda Alvoeiro, Telma Calado, Andrea Lopes Machado, Filipa Ferro, Ana Sofia Vilariça, Direndra Hasmucrai, Paula Alves

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Profiling risk of recurrence and second primary after curative surgery for lung cancer
Farhan Huq (London, United Kingdom), Martin Yardley, Amyn Bhamani, Ricky Thakrar, Neal Navani, David Lawrence, Sam Janes

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Prognostic significance of procalcitonin levels in Small Cell Lung Cancer patients
Paschalina Tsopa (Peiraias, Greece), Nikolaos Syrigos, Georgia Tsiachri, Andriani Charpidou, Christos Kosmas, Marousa Kouvela

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Coexistence of Neuroendocrine Tumorlets and Lung Adenocarcinoma: A Subtle Observer or an Underestimated Threat?
Susmita Debbarma (New Delhi, India), Prajna G, Sunil Kumar, Aruna Nambirajan, Deepali Jain

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The Role of Endosonography in the Diagnosis of Small Cell Neuroendocrine Lung Cancer
Carmine Salerni (Milano (MI), Italy), Silvia Terraneo, Michele Bonanomi, Sara Mirijaj, Paolo Carlucci, Cristina Albrici, Michele Mondoni

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Exploring the rare occurrence of small cell lung carcinoma following squamous cell carcinoma of the lung: A case series and a call for enhanced diagnostic evaluation
Prajna Gopalakrishna (New Delhi, India), Anant Mohan, Prabhat Singh Malik, Sunil Kumar, Aruna Nambirajan, Deepali Jain

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Primary pulmonary adenoid cystic carcinoma: surgical approch
Selma Madhi (Ariana, Tunisia), Mahdi Abdennadher, Amina Abdelkebir, Ameni Ben Mansour, Nizar Fitouhi, Hazem Zribi, Adel Marghli

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Characteristics of lung cancer patients exposed to environmental asbestos in rural areas.
Selma Metintas (Eskisehir, Turkey), Güntülü Ak, Semanur Ozyavuz, Muzaffer Metintas

PS-4 Session 12:30 - 14:00

Poster session: New physiological insights in COVID-19 and other chronic conditions

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Respiratory critical care | Pulmonary vascular diseases

Method(s) : Pulmonary function testing | Physiology | Imaging | Surgery | General respiratory patient care

Chairs : Afroditi Boutou (Thessaloniki, Greece), Angelos Vontetsianos (ATHENS, Greece)

Dyspnoea in never-hospitalised Long-COVID investigated in the EXPLAIN study shows no clinically significant association with pulmonary gas transfer or coagulation biomarkers
Kher Lik Ng (Oxford, United Kingdom), Laura Saunders, Guilhem Collier, James Grist, Isobel Dunstan, Ranoromanana Evans, Maja Lachut, Laurie Smith, Jenna Ablott, Scarlett Strickland, Lotta Gustafsson, Siby Thomas, Jenny Rodgers, Nina Kainth, Leizl Alvarez, Gavindren Vuddamalay, Avianna Laws, Emma Hedley, Samantha Jones, Paul Hughes, Amany Elbehairy, Thomas Newman, Megan Plowright, Kenneth Jacob, Anthony Mcintyre, David Capener, Jody Bray, Marianne Durrant, Huw Walters, Lily Dryhurst-Pearce, Kylie Yeung, Lisa Watson, Oliver Rodgers, Ryan Munro, Viktorie Madhusudhan Stisova, Mark Cox, Demi Jakymelen, Victoria Harris, Violet Matthews, Nina Mulvey, William Hickes, Daphne Parramon, Najib Rahman, Alexander Horsley, Helen Davies, Jim Wild, Fergus Gleeson, Emily Fraser, A A Roger Thompson, Susie Shapiro

Breathing during recovery after exercise testing in patients with Long Covid and Dysfunctional Breathing.
Andreas Asimakos (Athens, Greece), Stavroula Spechioti, Dimitrios Spaggoulakis,, Alice Vassiliou, Archontoula Antonoglou, Ioanna Dimopoulou, Paraskevi Katsaounou

Correlation between machine learning based chest CT quantification and persistent symptoms in post-Covid-19 patients
Julien COHEN (GENEVA, Switzerland), Vicente Estopier-Castillo, Cécile Olivier, Marie Destors, Gilbert Ferretti, Jean-Louis Pépin, Renaud Tamisier, Sam Bayat

ME/CFS and Long COVID Pathophysiology Investigated by Invasive Cardiopulmonary Exercise Test (iCPET) and Autonomic Function Testing
Johanna Squires (Worcester, United States), Peng Li, Shreya Palwayi, Zhenhao Lu, Sarra Al-Zayer, Wenzhong Xiao, Donna Feslsenstein, Peter Novak, Aaron Waxman, David Systrom

Pulmonary Function, Dyspnea, Exercise Capacity, and Gas Exchange in Different CT Patterns During COVID-19 Recovery
Flavia Folchini (São Paulo, Brazil), Eliana Bandini, Thales Ishizaki, Suzana Tanni, Eloara Campos, João Marcos Salge, Marcio Sawamura, Andre Albuquerque

Inspiratory muscle impairment in COVID-19 survivors, 3 years after hospital discharge.
Pauliane Santana (São Paulo (SP), Brazil), Carlos Carvalho, Pedro Caruso

Chest CT-scan myosteatosis assessment, prevalence and impact in patients with persistent dyspnea after COVID-19 infection
Paulin Mauvy (Clermont-Ferrand, France), Frederic Costes, Bruno Pereira, Yves Boirie, Lucie Cassagnes, Camille Rolland-Debord

Quantitative analysis of airway volume on preoperative computed tomography as a predictor of postoperative pulmonary complications and survival following colorectal cancer surgery
ABDULRHMAN GAZWANI (Birmingham, United Kingdom), Dimitrios Stamatiou, Fang Gao-Smith, Maciej Juszczak, Sharad Karandikar

Quantitative assessment of lung morphology using computed tomography to predict postoperative pulmonary complications following vascular surgery
ABDULRHMAN GAZWANI (Birmingham, United Kingdom), Giulia Bertagna, Katarzyna Powezka, Massimo Vezzosi, Fang Gao Smith, Babu Naidu, Martin Claridge, Donald Adam, Maciej Juszczak

Extensive lung function assessment in relation to physical capacity in COPD
Amir Farkhooy (Uppsala, Sweden), Martin Färdig, Christer Janson, Björn Ställberg, Karin Lisspers, Mariann Högman, Andrei Malinovschi

Impact of recovery of vital signs after a 6-minute walk test over mortality in right heart failure patients.
Carlos Patricio Chávez Guzmán (MEXICO CITY, Mexico), Dulce Gonzalez Islas, Arturo Orea Tejeda, Rocío Sánchez Santillan, Luis Aldo Delgado Pérez, Maria José Hernandez Hernández, Ana Gabriela Meléndez Galeana, Andrea Bárcenas Montiel, Danna Paola Jiménez Cruz, Magaly Arroyo Aguirre, Ariana Hernández Méndez, Nadia Hernández López, Laura Patricia Arcos Pacheco, Esteban Marsel Pacheco Bazaldúa, Benigno Valderrábano Salas

Cholinergic system activation affects ventilation during normoxia, hypoxia and hypercapnia in a streptozotocin-induced Alzheimer's disease model.
Agnieszka Wrzesień (Warsaw, Poland), Kryspin Andrzejewski, Monika Jampolska, Katarzyna Kaczyńska

Patients with normal spirometry results in community diagnostics: the role of BMI
Devon Ward (Liverpool, United Kingdom), Timothy Ho, Rachel Burton, Fred Fyles, Maria Puthoor, Seher Zaidi, Hassan Burhan

Computational fluid dynamic analysis of the effect of airflow vibration in maxillary sinus after virtual surgery of eosinophilic chronic rhinosinusitis
MASATO MIWA (TOKYO, Japan), Soichiro Fujimura, Luo Haoren, Masahiro Nakamura, Fumihiko Matsumoto, Makoto Yamamoto

Evaluating Spirometry Reference Equations: The Case for Region-Specific Standards in an Emirati Population
Luaie Idris (Norwich (Norfolk), United Kingdom), Yasmin Elsherif Elsherif, Joel Sanchez, Mohammed Shash, Khulood Almazrouei, Najla Alnahdi, Ashraf Alzaabi

Comparison of spirometry equations (GLI 2022 vs PLATINO) in Mexican-Hispanics with asthma and COPD
Arturo Cortes-Telles (Merida (Yucatan), Mexico), Diana Lizbeth Ortiz-Farias, Alberto Esquivel-Pacheco, Alma Rodríguez-Guzmán, Owen D. Harris, Jordan A. Guenette

Contrasting GOLD and STAR classifications of COPD spirometric severity: assessment of clinical scores and walking capacity
Fernanda Oliveira Baptista da Silva (Porto Alegre (RS), Brazil), Litieli Evelin Wagner, Artur Zanelatto Santos, Lauren Dos Santos Copatti, Laura Correa De Bastos Trombin, Amanda Calage Pinto, Cecilia De Barros Rodenbush, Rebecca Remião De Figueiredo, Alice Scussel, Marli Maria Knorst, José Alberto Neder, Danilo Cortozi Berton

Ranges of exhaled breath (EB) temperature, humidity and end tidal carbon dioxide (CO2) in a community-based cohort in India.
Abhishek Sabale (Pune, India), Sapna Madas, Monica Barne, Vandana Das, Monika Dhawale, Ashfaq Shaikh, Asmita Gaikwad, Sanskruti Kale, Pratiksha Dudhbhate, Gayatri Rajvaidya, Shitalkumar Zambad, Sundeep Salvi

Patient responses to nebulised 0.9% sodium chloride in COPD with exacerbations: not a simple solution
Francesca Conway (London, United Kingdom), Anand Tana, James Tonkin, Leeh Faustino, Christopher Orton, Justin Garner, Jadwiga Wedzicha, Pallav Shah

Novel continuous flow hand-held portable oxygen concentrator technology challenges gold standard in ambulatory oxygen therapy
Jay Flack (Kogarah (NSW), Australia), Veronica Yozghatlian, Yizhong Zheng, Alexandra Smith

Studio — Session — 13:00 - 13:45

Patient-centred session: Global access to mental health support

Aims : To discuss patients' experiences of mental health at different stages of their lung health journey and how support for this can vary globally.

Chairs : Liz Steed (London, United Kingdom)

13:00 **Global access to mental health support - panel discussion**
Merel Hennink (Groningen, Netherlands), Eleni Stamouli (Thessaloniki, Greece), Marieke Verkleij (Amsterdam, Netherlands), Liz Steed (London, United Kingdom), Pieter van Eck (Vlissingen, Netherlands), Speaker to be confirmed

5B — Session — 13:45 - 15:15

Symposium: Lung cancer and severe respiratory comorbidities: navigating complex clinical challenges

Aims : to discuss the impact of common respiratory comorbidities (chronic obstructive pulmonary disease (COPD), emphysema and interstitial lung disease) on the management of thoracic malignancies; to explore multidisciplinary approaches for tailoring treatment plans based on the comorbidity burden; to discuss the challenges and strategies for lung cancer diagnosis in patients with severe respiratory comorbidities; to discuss the latest advances in treatment modalities, including immunotherapy, targeted therapy, chemotherapy, radiotherapy and surgery, and their implications in patients with comorbidities; to discuss supportive care strategies, including managing complications and improving patients' quality of life.

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology

Method(s) : Palliative care | Pulmonary function testing | Surgery

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Nurse, Physician in Pulmonary Training, Thoracic oncologist, Thoracic surgeon

Chairs : Maria Joana Pereira Catarata (Porto, Portugal), Elżbieta Magdalena Grabczak (Warszawa, Poland), Mohammed Munavvar (Preston (Lancashire), United Kingdom)

13:45	**Diagnosing lung cancer in patients with severe respiratory comorbidities: who, when and why?** Georgia Hardavella (Athens, Greece)
14:00	**COPD and lung cancer: navigating treatment challenges in the presence of obstructive lung disease** Joanna Chorostowska-Wynimko (Warsaw, Poland)
14:15	**Interstitial lung disease and lung cancer: risks, complications and treatment strategies** Torsten Gerriet Blum (Berlin, Germany)
14:30	**Impact of pulmonary hypertension on lung cancer management** Mona Lichtblau (Zürich, Switzerland)
14:45	**Discussion and Q&A** Speaker to be confirmed

5C Session 13:45 - 15:15

Symposium: AI on air: global insights into utilising real-world data/real-world evidence to deploy responsible artificial intelligence-enabled respiratory innovation

Aims : to explore global perspectives on utilising real-world data (RWD) and real-world evidence (RWE) to enhance responsible artificial intelligence (AI)-enabled respiratory innovation; to examine exemplary applications of RWD and RWE for respiratory conditions such as lung cancer, tuberculosis, chronic obstructive pulmonary disease and asthma, from diagnosis to self-management, in order to understand the similarities and differences of approaches in various regions, which will foster a collaborative environment that promotes ethical, effective and innovative solutions to improve respiratory health; to bring together experts from different regions to share their experiences, methodologies and outcomes in using RWD and RWE for AI-enabled respiratory innovation; to discuss opportunities and challenges in the collection, analysis and deployment of responsible and effective AI integration in different countries; to discuss the similarities and differences in how various regions approach the use of RWD and RWE, and how these differences impact the deployment of AI-enabled respiratory innovation.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory infections

Method(s) : General respiratory patient care | Imaging | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Scientist (basic, translational), Thoracic oncologist, Respiratory therapist, Journalist

Chairs : Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom), Guido Vagheggini (Volterra (PI), Italy), Ana Luisa Araújo Oliveira (Aveiro, Portugal)

13:45	**European Union prospective: AI-enabled RWD in supporting responsible regulatory decision-making and health technology assessment throughout the product lifecycle**
14:00	**United Kingdom prospective: utilising federated AI with RWD for scalable, safe, robust and fair AI in a healthcare setting** Speaker to be confirmed
14:15	**Low-to-middle-income country realities: AI-enabled software is supporting tuberculosis detection: successes and challenges in roll-out in real world settings.** Dennis Falzon (Genève, Switzerland)
14:30	**East Asia realities: from data to dollars, the role of RWD and reimbursement in AI deployment** Speaker to be confirmed
14:45	**Discussion and Q&A** Speaker to be confirmed

7A Session 13:45 - 15:15

Symposium: Innovations in pulmonary vascular imaging: from cutting-edge techniques to artificial intelligence-driven insights

Aims : to focus on the latest innovations in pulmonary vascular imaging, including computed tomography (CT) angiography, magnetic resonance imaging (MRI), point-of-care ultrasound, and the integration of artificial intelligence; to discuss the significant roles of single-photon emission computed tomography (SPECT)/ventilation-perfusion (VQ) and positron emission tomography (PET) imaging in evaluating pulmonary embolism and vascular inflammation given that a solid understanding of these imaging modalities is essential for respiratory physicians and allied professionals to enhance diagnostic accuracy, guide clinical management and improve patient outcomes in conditions like pulmonary embolism and pulmonary hypertension; to focus on the growing role of AI in the imaging modalities discussed.

Disease(s) : Pulmonary vascular diseases Respiratory critical care

Method(s) : Imaging Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France), Marion Delcroix (Leuven, Belgium), Athénaïs Boucly (Paris, France)

13:45	**CT angiography unveiled: the gold standard for pulmonary vascular diagnosis** Parth Rali (Philadelphia, United States)
14:00	**MRI in pulmonary hypertension: a non-invasive game-changer** David Kiely (Sheffield (South Yorkshire), United Kingdom)
14:15	**Nuclear medicine in focus: the power of SPECT/VQ and PET imaging** Pierre-Yves Leroux (Brest, France)
14:30	**Point-of-care ultrasound in pulmonary embolism: rapid diagnostics at your fingertips** Belinda Rivera-Lebron (Pittsburgh, United States)
14:45	**Discussion and Q&A** Speaker to be confirmed

Elicium 2 Session 13:45 - 15:15

Symposium: Respiratory health around the globe

Congress chairs' session

Aims : to raise awareness of morbidity and mortality due to respiratory diseases worldwide; to discuss the early-life determinants of respiratory health and potential preventive measures, with a focus on low-to-middle-income countries (LMICs); to discuss how to reduce mortality from pneumonia, which is the leading cause of death in children younger than 5 years; to provide insight into how the World Health Organization (WHO) works and how it aims to reduce the morbidity and mortality of respiratory diseases; to provide inspiration from a lawyer fighting climate change.

Disease(s) : Airway diseases Paediatric respiratory diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Marielle Pijnenburg (Rotterdam, Netherlands), Lieuwe D.J. Bos (Amsterdam, Netherlands), Refika Hamutcu Ersu (Ottawa, Canada)

13:45	**Drivers of respiratory health in LMICs: challenges and opportunities** Diane Gray (Cape Town, South Africa)
14:00	**Pneumonia: a global problem from infancy to the elderly** Catia Cilloniz Campos (Barcelona, Spain)
14:15	**Global strategies for improving respiratory health: how can the WHO make a difference in respiratory health?** JOSE LUIS CASTRO (Neuilly sur Seine, France)
14:30	**Fighting climate change: what can healthcare providers learn from lawyers?** Maikel van Wissen (Amsterdam, Netherlands)
14:45	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 13:45 - 15:15

State of the art session: Airway diseases

Biologics in airway diseases: bridging immunology and clinical breakthroughs

Aims : to discuss the evolving role of biologic therapies in the management of airway diseases; to provide insights into the mechanisms of biologics, their clinical applications and future directions for their use in the management of asthma, chronic obstructive pulmonary disease (COPD) and exacerbations of these diseases; to provide practical and theoretical knowledge that can be used to optimise patient care and make informed decisions regarding the use of biologics in airway disease management.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Patient, Scientist (basic, translational)

Chairs : Nicolas Roche (Paris, France), Alexander Mathioudakis (Manchester, United Kingdom), Ildikó Horváth (Budakeszi, Hungary)

13:45	**Airway disease immunology for clinicians in the biologics era** Lena Uller (Lund, Sweden)
14:00	**Biologics in asthma: current insights and future directions** Guy Brusselle (Ghent, Belgium)
14:15	**Biologics in COPD: targeting the right pathways for the right treatments** Gerard J. Criner (Philadelphia, United States)
14:30	**Biologics in airway disease exacerbations: time to replace systemic corticosteroids** Mona Bafadhel (London, United Kingdom)
14:45	**Discussion and Q&A** Speaker to be confirmed

5A Session 13:45 - 15:15

Journal session: Highlights from JAMA

Bisoprolol for patients with chronic obstructive pulmonary disease, high-intensity versus low-intensity positive pressure ventilation for acute exacerbations of chronic obstructive pulmonary disease, high-flow nasal oxygen versus non-invasive ventilation for acute respiratory failure, and video laryngoscopy versus direct laryngoscopy for endotracheal intubation in the operating room

Aims : to provide an update on the effect of bisoprolol on respiratory exacerbations in patients with chronic obstructive pulmonary disease (COPD) at high risk of exacerbations; to provide an update on the use of high-intensity versus low-intensity positive pressure ventilation for acute exacerbations of COPD; to provide an update on the use of high-flow nasal oxygen versus non-invasive ventilation for acute respiratory failure.

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Respiratory critical care physician, Physician in Pulmonary Training, Respiratory physiotherapist

Chairs : Kristin Walter (Chicago, United States), João Carlos Winck (Vila Nova de Gaia, Portugal)

13:45	**Introduction** Kristin Walter (Chicago, United States)
14:00	**Effect of bisoprolol on patients with COPD at high risk of exacerbations** Brian J. Lipworth (Dundee (Angus), United Kingdom)
14:15	**High-intensity versus low-intensity positive pressure ventilation for acute exacerbations of COPD** Zujin Luo (Beijing, China)
14:30	**High-flow nasal oxygen versus non-invasive ventilation for acute respiratory failure** Israel Silva Maia (Florianópolis (SC), Brazil)
14:45	**Discussion and Q&A** Speaker to be confirmed

5D Session 13:45 - 15:15

Mini symposium: The lung in a circular health perspective

Aims : to explain how the exposome approach has provided new perspectives on how the environmental factors, lifestyle habits and exposure to pathogens have a profound impact on respiratory health and how it can provide an integrated and holistic view of human-beings within the world we live in; to understand how the interaction between the environment and our airways can shape our health and immune defences and how to apply the concept of "One Health" in the context of respiratory health; to learn how dynamic host-pathogen interactions drive innate immune activation, especially in early life, which may reveal new strategies to deal with future viral pandemics.; to improve awareness of how to use this knowledge to develop new clinical practices and actions that may change the course of history and, by improving the health of our planet, can improve our respiratory health.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology | Epidemiology | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Pathologist, Patient, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Chiara Cipollina (Palermo (PA), Italy), Niki L. Reynaert (Maastricht, Netherlands), Chair to be confirmed

13:45	**The circular health paradigm applied to the lung** Ilaria Capua (Rome, Italy)
14:00	**Not just air pollution: the exposome approach reveals the complex interplay between the environment and our respiratory health** Sylvain Sebert (Oulu, Finland)
14:15	**Virus in the air: how host-pathogen interactions shape immune responses of airways** Ellen Foxman (New Haven , United States)
14:30	**Discussion and Q&A** Speaker to be confirmed

Amtrium — Session — 14:15 - 15:30

Oral presentation: New insights in paediatric sleep and breathing

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology | General respiratory patient care | Physiology

Chairs : Kristien Vanhaverbeke (Opwijk, Belgium), Chair to be confirmed

Early Diagnosis of Sleep Disorders: Polysomnographic Findings in Children Aged 0-24 Months
Seyda Karabulut (Istanbul, Turkey), Merve Selcuk Balcı, Neval Metin Cakar, Ceren Ayça Yıldız, Muge Merve Akkitap Yigit, Eda Esra Baysal, Fulya Ozdemircioglu, Busra Ozgunay, Emre Ugurlu, Gulzar Alısbeyli, Meltem Sabancı, Almala Pınar Ergenekon, Yasemin Gokdemir, Fazilet Karakoc, Bulent Karadag, Ela Erdem Eralp

Social and digital media exposure and its effects on sleep in children and adolescents: A novel questionnaire based study
Nikhil Rajvanshi (London, United Kingdom), Doreswamy Chandranaik, Prawin Kumar, Jagdish Prasad Goyal, Kuldeep Singh

The influence of obesity on the risk and severity of obstructive sleep apnea in referred prepubescent children
David Gomez-Pastrana Duran (Jerez de la Frontera (Cádiz), Spain), María Cruz Díaz, Carmen Aragón

Role of overnight oximetry in assessing the severity of obstructive sleep apnoea in children with Down syndrome
Hannah Vennard (Glasgow, United Kingdom), Anna Selby, Menaga Ananthamoorthy, Elise Buchan, Paul Burns, Thomas L Wilkinson, Rebecca Lennon, Neil Gibson, David Young, Martin Samuels, Hazel J Evans, Ross J Langely

Pulse transit time for detection of obstructive sleep apnoea in children
Michael Yanney (Southwell, United Kingdom), Albert Essiam, Nicola Rowbotham, Andrew Prayle

Sleep disordered breathing in patients with spinal muscular atrophy diagnosed by newborn screening
Helen Cranney (London, United Kingdom), Vivek Mundada, Siddharth Arora, Omendra Narayan

Multicentre review of sleep-disordered breathing monitoring in Prader-Willi Syndrome patients on growth hormone therapy
Maryam Sahibqran (Glasgow, United Kingdom), Angela K Lucas-Herald, Rebecca Lennon, Elise Buchan, Paul Burns, Phil Davies, Ross Langley, M. Guftar Shaikh

Comparison of positive airway pressure device download data with and without oximetry to polysomnography.
Merve Selçuk Balcı (Istanbul, Turkey), Marielena Dibartolo, Julia Bokhaut, Sherri Katz, Vid Bijelic, Nick Barrowman, Lisa Spooner, Patricia Lopez Sala, Refika Ersu

CRC iDREAM - an ERS Clinical Research Collaboration: An International Survey on the Diagnosis and Management of Sleep-Disordered Breathing in Infants
Stijn Verhulst (Antwerpen, Belgium), An Boudewyns, Refika Ersu, Monique Slaats, Theodore Dassios, Athanasios Kaditis, Indra Narang, Jessica Taytard

Forum Session 14:15 - 15:30

Oral presentation: Community-acquired pneumonia: predicting outcomes and personalising treatment

Method(s) : General respiratory patient care Public health Cell and molecular biology Respiratory intensive care Pulmonary function testing

Chairs : Chair to be confirmed

The Long-term Pneumonia Mortality Index. An international multicentre derivation and validation study
Raúl Méndez (Valencia, Spain), Paula González-Jiménez, Ana Latorre, Mónica Piqueras, Noé Mengot, David Hervás, Daniel Knox, Jason Carr, Grit Barten-Neiner, Gernot Rohde, Mathias W. Pletz, Jan Rupp, Martin Witzenrath, Nathan C. Dean, Rosario Menéndez

Impact of antimicrobial stewardship on antibiotic prescribing for community acquired pneumonia in the immediate and long-term settings
Athiththa Satchithanandha (Sydney, Australia), Juliet Leicester, Victoria Kristensen, Clarence Ratnakumar, Richard W W Lee

Interferon status and interferon production activity in patients with prolonged community-acquired pneumonia (CAP)
Roman Razumnyi (Dnipro, Ukraine)

Predicting drug-resistant bacteria causing community-acquired pneumonia; is PES score reliable?
Jatu Aphridasari (Surakarta (Central Java), Indonesia), Linda Soebroto, Deti Kusumahayu

Activity of immunocompetent cells in patients with acute community-acquired pneumonia
Tamar Saralidze (Tbilisi, Georgia), Tamari Svanidze, Marina Noniashvili, Irma Mamatsashvili, Lia Mokhevishvili

Features of severe community-acquired pneumonia (CAP) in Ukraine against the backdrop of russian full-scale military aggression
Anna V Demchuk (Vinnytsia, Ukraine), Tetiana V Konstantynovych, Galina Y Gavrylyuk

Streptococcus pneumoniae capsule contributes to lymphocyte immune response failure in bacteremic community-acquired pneumonia.
Francisco Sanz Herrero (Quart de Poblet (Valencia), Spain), Luis Alberto Ruíz Iturriaga, Marta María García Clemente, Leyre Serrano Fernández, Ane Uranga Echeverría, Noelia Carrión Collado, Julia Herrero Huertas, Estrella Fernández Fabrellas

Evaluation of PSI, CURB-65, and CRB-65 as Prognostic Tools in Hospitalized Immunocompetent Patients with Pneumonia: Real-World Outcomes from Internal Medicine Wards
Alon Pomerantz (Ramat Gan, Israel), Adar Yaacov, Adam Goldman, Yonatan Moshkovits, Asaf Zlotnik, Ofir Deri, Liran Levy

Azithromycin vs. Doxycycline in Community-Acquired Pneumonia; An Analysis of Clinical Outcomes from the MIMIC IV Database
Wigdan Farah (Rochester, United States), Mohamad El Labban, Claudia Gyimah, Felix Wireko, Yewande Odeyemi

3A Session 14:15 - 15:30

Oral presentation: Thoracic surgery: what's new?

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Surgery Imaging Physiology Epidemiology Public health

Chairs : Giuseppe Cardillo (Roma (RM), Italy), Chair to be confirmed

Clamping Trials Before Removal of a Chest Tube Connected to a Digital Drainage System: A Noninferiority Randomized Trial.
Wytze de Boer (Zwolle, Netherlands), Richard Hartman, Quinten Muller, Mireille Edens, Dirk Jan Slebos, Marieke Duiverman, Jos Stigt

Sex-specific thresholds are needed for peak oxygen uptake but not for ventilatory efficiency in risk stratification before lung cancer lobectomy
Kristofer Hedman (Linköping, Sweden), Johan Hylander, Miklos Boros, Éva Tamas, Gabriel Högström, Karolina Kristenson

Is the targeted lung health check (TLHC) cancer screening programme effective in influencing the extent of surgical segmental resection?
Ethan Alford (Southampton, United Kingdom), Shreyaa Ramadore, Edwin Woo, Bradley Yee, Aiman Alzetani

3D-printed lung model-based simulation for thoracic surgery: a stepwise approach to lobectomy
Giacomo Rabazzi (Borgo a Buggiano, Italy), Andrea Castaldi, Maria Giovanna Mastromarino, Vittorio Aprile, Stylianos Korasidis, Marcello Carlo Ambrogi, Marco Lucchi

The Effects of Corrective Surgery on Measures of Thoracic Deformity and Lung Function in Adolescent Idiopathic Scoliosis
Jeroen Renkens (Rotterdam, Netherlands), Punit Makani, Harm Tiddens, Max Reijman, Pierluigi Ciet, Tom Schlosser, Noor De Wijs, Pelle Vogel, Joost Rutges, Daan Caudri

Coronary calcium reporting in CT scans for lung cancer screening and its potential impact on prognosis
Roberto Chalela Rengifo (Barcelona, Spain), Maria Olivia Cabrera Godoy, Adriá Montcusi Armengol, Xavier Castells Oliveres, Josep Alfons Espinás Piñol, Albert Sanchez-Font, Ana Pardessus Otero, Miguel Cainzos, Silvia Romagosa, Mateo Iwanowski, Jose María Maiques Llacer

Patient selection and timing of surgery: a 5 year experience of lung volume reduction surgery multidisciplinary team meeting (MDT) at an East of England teaching hospital
Jin Lee (Bury St Edmunds, United Kingdom), Madeline Charles-Rudwick, Paula Browne, Vasileios Kouritas, Sadiyah Hand

Impact of resection type on outcomes in N0 NSCLC with "pulmonary metastasis in a different ipsilateral lobe (PM-DIL)": Is lung preservation beneficial
Güntuğ Batıhan (Çanakkale, Turkey), Kenan Can Ceylan, Seyda Ors Kaya, Vasif Inan

Is frailty a good predictor of postoperative negative outcomes in lung cancer patients?
Radu-Alexandru Iacobescu (IASI, Romania), Tiberiu Lunguleac, Cristina Grigorescu, Sabina Antoniu

3B Session 14:15 - 15:30

Oral presentation: Emerging insights in diagnosis and treatment of sleep-disordered breathing

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology Public health General respiratory patient care Physiology

Chairs : Athanasia Pataka (Thessaloniki, Greece), Dimitrios Kantas (Perama-Ioannina, Greece)

Projecting the future burden of OSA in EU5 countries accounting for body mass index
Elroy Boers (Calgary, Canada), Leanne Kaye, Atul Malhotra, Kimberly Sterling, Meredith Barrett, Adam Benjafield, Peter Cistulli, Jean Louis Pépin

Global burden of obstructive sleep apnea is projected to increase with rising temperatures
Bastien Lechat (Adelaide, Australia), Jack Manners, Lucía Pinilla, Amy Reynolds, Hannah Scott, Daniel Vena, Sebastien Bailly, Josh Fitton, Barbara Toson, Billingsley Kaambwa, Robert Adams, Jean-Louis Pepin, Pierre Escourrou, Peter Catcheside, Danny Eckert

Distinct physical activity phenotypes in obstructive sleep apnoea patients: a cohort study
Monique Mendelson (Grenoble, France), Sebastien Baillieul, Raphaël Louis, Kaiping Wang, Renaud Tamisier, Jean-Louis Pépin, Sebastien Bailly

Older and Novel Predictors of Improvements in Daytime Function Outcomes with CPAP Therapy
Wojciech Trzepizur (Angers, France), Margaux Blanchard, Nicole Meslier, Francois Goupil, Audrey Thomas, Frédéric Gagnadoux

Fixed vs. Auto-Adjusting CPAP in Hypertensive OSA: A Randomized Crossover Trial
Prakhar Agarwal (Bhopal, India), Kirti Kadian, Abhishek Goyal, Alkesh Kumar Khurana, Abhinav Choubey

Impact of opiates, sedatives and gabapentinoids on prognosis in obesity hypoventilation syndrome treated with home mechanical ventilation – the population-based DISCOVERY study
Jonas Einarsson (Lund, Sweden), Andreas Palm, Magnus Ekström

Acetazolamide plus Atomoxetine Changed Chemosensitivity in Obesity Hypoventilation Syndrome
Elisa Perger (Milano, Italy), Carolina Lombardi, Andrea Faini, Gianfranco Parati, Paola Faverio, Fabrizio Luppi, Simona Bertoli, Sergio Caravita, Claudia Baratto, Alberto Giannoni, Laura Gell, Luigi Taranto Montemurro

Ticagrelor and risk of sleep apnoea compared with P2Y12 receptor inhibitors: a population-based cohort study
Clément Jambon-Barbara (Grenoble, France), Sarah Margot Barras, Jean-Louis Pépin, Jean-Luc Cracowski, Marie Joyeux-Faure, Charles Khouri, Bruno Revol

Use of Sleep-Related Variables to Predict Time to Death in Patients with Heart Failure in the ADVENT-HF Trial
Shaghayegh Chavoshian (Toronto, Canada), Sayaki Ishiwata, Clodagh M. Ryan, Christian M. Horvath, Alexander G. Logan, John S. Floras, Douglas Bradley

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Elicium 1 Session 14:15 - 15:30

Oral presentation: Top scoring: bench to bedside in pulmonary fibrosis

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Pulmonary function testing

Chairs : GEORGE MARGARITOPOULOS (THESSALONIKI, Greece), David Smith (London, United Kingdom)

Integrated spatial and single-cell transcriptomics reveal PAK kinase as a therapeutic target in fibroblastic foci and dense fibrosis of IPF
Yuta Hirano (Tokyo, Japan), Naoaki Watanbe, Masahiro Yoshida, Shota Fujimoto, Sachi Matsubayashi, Takashi Ishiguro, Nobumasa Takahashi, Yoshihiko Shimizu, Noboru Takayanagi, Yoshinori Kawabata, Yutaro Mori, Koji Okamoto, Shunsuke Minagawa, Kazuyoshi Kuwano, Jun Araya, Yusuke Yamamoto, Yu Fujita

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LSC - 2025 - Development of a High Content Screening platform for identifying personalized therapies agains t Idiopathic Pulmonary Fibrosis.
Carlos Benitez Buelga (Majadahonda, Spain), Carlos San José Pascual, Sara Gil, Nerea Matamala, Gema Gomez Mariano, Beatriz Martinez Delgado

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The PPFE atlas reveals distinct profibrotic and elastotic mesenchymal cellular archetypes in pleuroparenchymal fibroelastosis
Jannik Ruwisch (Hannover, Germany), Aurélie Cazes, Lena M. Leiber, Raphael Borie, Leonhard Christian, Hervé Mal, Linus Langer, Vincent Thomas De Montpréville, Jan-Christopher Kamp, Mark Greer, Christoph Wrede, Jan Hegermann, Jens Gottlieb, Benjamin Seeliger, Jean Francois Bernaudin, Lars Knudsen, Pierre Mordant, Lavinia Neubert, Bruno Crestani, Antje Prasse, Naftali Kaminski, Aurelien Justet, Jonas C. Schupp

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The transcriptome of CD14+CD163-HLA-DRlow monocytes predicts mortality in Idiopathic Pulmonary Fibrosis
Theodoros Karampitsakos (Tampa, United States), Minxue Jia, Bochra Tourki, Zainab Fatima, Bogdan Visinescu, Carole Y Perrot, Tamer Fadli, Amy Zhao, Avraham Unterman, Marc A Schneider, Debabrata Bandyopadhyay, Brenda M Juan-Guardela, Ioannis Vamvakaris, Antje Prasse, Imre Noth, Stephen Liggett, Michael Kreuter, Wonder Drake, Argyris Tzouvelekis, Joe G N Garcia, Naftali Kaminski, Panayiotis Benos, Jose D Herazo-Maya

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The early-stage lung immune infiltrate in patients with Idiopathic Pulmonary Fibrosis differentiate stable and progressive disease
Tamara Cruz Santa Cruz (Hospitalet de Llobregat, Spain), Fernanda Hernandez-Gonzalez, Dani Martinez, Sandra Casas-Recasens, Alvar Agusti, Jacobo Sellares, Rosa Faner

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GM-CSF-engineered cell vaccine based on myofibroblast for the treatment of pulmonary fibrosis
Minyang Fu (Chengdu, China), Xiawei Wei, Yuhe Huang, Tianxia Lan, Haiying Que, Dandan Peng

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Intranasal MAF peptide vaccine for idiopathic pulmonary fibrosis therapy
Jiayu Wang (Cheng Du, China), Xiawei Wei, Shaoxiong Huang, Qiaonan Hong, Yiming Wu, Haiying Que, Tianxia Lan, Weiqi Hong, Li Chen, Yanyan Liu

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Vaccination targeting ephrin-B2 ameliorates established pulmonary fibrosis
Jian Liu (Chengdu, China), Furong Qing, Yingqiong Zhou, Danyi Ao, Binhan Wang, Weiqi Hong, Dandan Peng, Yuquan Wei, Xiawei Wei

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Plasma proteomic analysis in patients with idiopathic pulmonary fibrosis (IPF) from a phase 2 trial of admilparant
Toby M Maher (Los Angeles, United States), Manuela Funke-Chambour, Fang Wang, Yanhua Hu, Supriya Sharma, Peter Schafer, Matthew Schaller, Gerald Horan

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Studio Session 14:15 - 15:00

Congress theme session: A new era for bronchiectasis: 10 years of progress in global management

Aims : 1) To describe recently developments in our understanding of the epidemiology of bronchiectasis
2) To discuss the results of recent clinical trials in bronchiectasis which have led to a revolution in treatment with new disease specific therapies now about to be licensed and better evidence for drugs since as inhaled antibiotics
3) To discuss important developments in translational science in bronchiectasis leading to the development of new non-antibiotic treatments

Disease(s) : Airway diseases Respiratory infections

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care

Tag(s) : Clinical, Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Respiratory critical care physician, Paediatrician, Patient, Scientist (basic, translational), Respiratory therapist

Chairs : Eva Polverino (Barcelona, Spain), Chair to be confirmed

14:15	**Increasing our understanding of bronchiectasis: the global impact of EMBARC, 10 years on** Michal Shteinberg (Haifa, Israel)
14:30	**Improving global treatment for bronchiectasis: what progress has been made, and what is still to do?** Raja Dhar (Kolkata (West Bengal), India)
14:45	**Panel discussion** Speaker to be confirmed

G104/105 Session 14:30 - 16:50

Skills workshop: SW10 SW10 - Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion

Additional registration is required for this session.

Aims : This skills workshop will help attendees gain the technical expertise needed to perform spirometry, whole body plethysmography and diffusion test according to both best practice and the latest recommendations that are supported by experts in the field; to understand the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and diffusion capacity of the lungs; and to learn about the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases Paediatric respiratory diseases

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands)

14:30	**Performing Spirometry** Lindsay Zurba (Durban, South Africa)
14:30	**Standardised static lung volume measurement and airways resistance using whole body plethysmography** Vicky Moore (Coventry, United Kingdom)
14:30	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Kevin De Soomer (Edegem, Belgium)
14:30	**Reporting and interpretation of case studies** Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom)

G106/107 Session 14:30 - 16:50

Skills workshop: SW12 SW12: Practical pulmonary hypertension

Additional registration is required for this session.

Aims : to develop a practical approach for investigating and diagnosing pulmonary hypertension; to develop a systematic approach for interpreting radiological investigations; to discuss the four main echo views and important features of pulmonary hypertension on echocardiography, including hands-on experience with pulmonary hypertension patients and healthy volunteers; to discuss the pathological changes associated with different forms of pulmonary hypertension and how these translate into clinical phenotypes; to discuss right heart catheterisation and how to incorporate clinical, radiological and haemodynamic features in order to make the correct diagnosis.

Disease(s) : Pulmonary vascular diseases

Tag(s) : Clinical

Chairs : Esther Nossent (Amsterdam, Netherlands)

14:30	**Radiological assessment of pulmonary hypertension** Andy Swift (Sheffield (South Yorkshire), United Kingdom)
14:30	**Pathological assessment of pulmonary hypertension** Teodora Radonic (Amsterdam, Netherlands)
14:30	**Echocardiography in pulmonary hypertension** Athanasios Charalampopoulos (London, United Kingdom)

14:30	**Clinical assessment of pulmonary hypertension** Robin Condliffe (Sheffield (South Yorkshire), United Kingdom)

5B Session 15:30 - 17:00

Symposium: Pleural disease: the global view

Aims : to explain the global heterogeneity in diagnosis, treatment and management of pleural disease, and the gap between current guidelines and what can be provided in low-to-middle-income countries.

Disease(s) : Respiratory infections | Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology | Imaging | Palliative care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Maria Joana Pereira Catarata (Porto, Portugal), Elżbieta Magdalena Grabczak (Warszawa, Poland), Mohammed Munavvar (Preston (Lancashire), United Kingdom)

15:30	**A worldwide perspective of pleural infection: implications for management** Maged Hassan (Alexandria, Egypt)
15:45	**Secondary spontaneous pneumothorax and air-leak: global lessons** Steven Walker (Bristol (Avon), United Kingdom)
16:00	**Diagnosis and management of malignant pleural effusions in resource-constrained settings** Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa)
16:15	**Cost-effective imaging in pleural disease: the real-world application of pleural ultrasound in low-to-middle-income countries** Radhika Banka (Mumbai (Maharashtra), India)
16:30	**Discussion and Q&A** Speaker to be confirmed

7A Session 15:30 - 17:00

Symposium: A global perspective on pulmonary hypertension

Aims : to explain the heterogeneous landscape of pulmonary hypertension across the globe; to describe the diverse epidemiology of pulmonary hypertension and the diagnostic and therapeutic challenges in different settings; to identify how global challenges such as social inequality and climate change affect patients with pulmonary hypertension; to compare the opportunities and limitations of conducting research with pulmonary hypertension patients in countries with different income levels.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Epidemiology | Imaging | Transplantation

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France), Marion Delcroix (Leuven, Belgium), Athénaïs Boucly (Paris, France)

15:30	**The global epidemiology of pulmonary hypertension** Sandeep Sahay (Houston, United States)
15:45	**Diagnosis and treatment of pulmonary hypertension in low-, middle- and high-income countries** Snehal Kulkarni (Mumbai, India)
16:00	**How do social inequality, environmental pollution and climate change affect patients with pulmonary hypertension?** Lucilla Piccari (Barcelona, Spain)
16:15	**Interventional and observational clinical trials of pulmonary hypertension across the world** Jason Weatherald (Edmonton, Canada)
16:30	**Discussion and Q&A** Speaker to be confirmed

5A Session 15:30 - 17:00

Hot topics: Precision medicine in acute respiratory failure: a global challenge

Aims : 1. Identify the global burden of acute respiratory failure, current diagnostics, the current supportive measures and the absence of targeted treatment options.
2. Explain the latest translational insights into the pathophysiology of ARDS
3. Differentiate the most promising immunomodulators and describe their potential in the context of a precision-medicine approach.
4. Identify the global perspective of caregivers and patients on (1) participation in precision medicine adaptive platform trials and (2) the long term consequences of acute respiratory failure
5. Present some results of the CRC Panther

Disease(s) : Respiratory critical care | Respiratory infections

Method(s) : Cell and molecular biology | General respiratory patient care | Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physiologist, Scientist (basic, translational)

Chairs : Kristin Walter (Chicago, United States), João Carlos Winck (Vila Nova de Gaia, Portugal)

15:30	**Acute respiratory failure: global burden, diagnosis and treatment** Speaker to be confirmed
15:45	**Latest insights into ARDS pathophysiology** Lorraine Ware (Nashville, United States)
16:00	**Precision medicine immune-modulation in acute respiratory failure** Lieuwe D.J. Bos (Amsterdam, Netherlands)
16:15	**Patient and caregivers: long term consequences of ARF and perspective on clinical trials** Leanne Hays (Dublin, Ireland)
16:30	**Discussion and Q&A** Speaker to be confirmed

5D Session 15:30 - 17:00

Hot topics: Big changes on a small scale: Microbiome targeted therapies for the prevention and treatment of respiratory diseases

Aims : The aim of this symposium is to inform the audience about the most recent findings related to microbiome targeted therapies for respiratory diseases. This session will synthesize the most promising avenues that have been explored in both clinical and preclinical studies. Moreover, we aim that the different speakers will approach their topic from an interdisciplinary perspective, taking into account clinical respiratory medicine, basic and translational respiratory science, fundamental microbiology and ecology and computational biology to provide an integrated overview of the complex interactions involved in microbiome targeted therapy development.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Scientist (basic, translational), Journalist

Chairs : Chiara Cipollina (Palermo (PA), Italy), Niki L. Reynaert (Maastricht, Netherlands), Chair to be confirmed

15:30	**Phage therapy for resistant bacterial infections in chronic lung diseases** Speaker to be confirmed
15:45	**Harnessing Microbial metabolites to prevent early life development of allergic disease** Speaker to be confirmed
16:00	**Bacterial communities to combat airway inflammation** Aurélie Crabbé (Ghent, Belgium)
16:15	**Environmental interference to fight respiratory fungal infections: a proof-of-concept** Niki Ubags (Epalinges, Switzerland)
16:30	**Discussion and Q&A** Speaker to be confirmed

Elicium 2 Session 15:30 - 17:00

Year in review: Paediatric

Aims : to provide an update on four topics in paediatric respiratory medicine, namely, impact of disease-modifying therapies on respiratory outcomes in children with neuromuscular disorders, mycoplasma infections in children, asthma remission in childhood and use of artificial intelligence in paediatric pulmonology practice; to highlight the most recent and significant publications and developments related to these topics.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | Imaging | Physiology

Tag(s) : Clinical

Target audience : Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Radiologist, Respiratory therapist, Journalist

Chairs : Marielle Pijnenburg (Rotterdam, Netherlands), Refika Hamutcu Ersu (Ottawa, Canada)

15:30	**Impact of disease-modifying therapies on respiratory outcomes in children with neuromuscular disorders** Reshma Amin (Toronto (ON), Canada)
15:45	**Mycoplasma: the new pandemic. Epidemiological considerations and therapy** Patrick M. Meyer Sauteur (Zurich, Switzerland)
16:00	**Asthma remission in children: is it achievable?** Refiloe Masekela (Durban, South Africa)
16:15	**How can we use artificial intelligence in clinical practice of paediatric pulmonologists?** Gustavo Nino (Washington, United States)
16:30	**Discussion and Q&A** Speaker to be confirmed

Auditorium — Session — 15:30 - 17:00

Clinical cases: Lungs on fire: Airway diseases?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Airway diseases

Tag(s) : Clinical

Chairs : Nicolas Roche (Paris, France), Alexander Mathioudakis (Manchester, United Kingdom), Ildikó Horváth (Budakeszi, Hungary)

Discussants : Arzu Yorgancıoğlu (İzmir, Turkey), Omar S. Usmani (London, United Kingdom)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: J.J. James (Singapore)** Arzu Yorgancıoğlu (İzmir, Turkey)
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: K. Jeyabalan (Malaysia)** Omar S. Usmani (London, United Kingdom)
16:14	**Case 3 incl. panel discussion and Q&A - Submitter: A. Casartelli (Italy)** Arzu Yorgancıoğlu (İzmir, Turkey)
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: A. Ilyas (United Kingdom)** Omar S. Usmani (London, United Kingdom)

5C — Session — 15:30 - 17:00

Mini symposium: Lung sounds unplugged: a global perspective

Global challenges in respiratory sound analysis from early respiratory disease detection to exacerbation management

Aims : to provide an updated operational classification of lung (and other respiratory) sounds across several physio(patho)logical respiratory conditions; to describe technical aspects and applications of lung sound analysis in clinical practice, including early diagnosis (especially of interstitial lung diseases) and early detection of disease exacerbations/progression; to introduce telemedicine applications of respiratory sound analysis in the clinical management of adult and paediatric pulmonology in low-resource settings

Disease(s) : Airway diseases Interstitial lung diseases Paediatric respiratory diseases

Method(s) : General respiratory patient care Physiology Pulmonary function testing

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom), Guido Vagheggini (Volterra (PI), Italy), Ana Luisa Araújo Oliveira (Aveiro, Portugal)

15:30	**Automated detection of respiratory diseases from lung and respiratory sounds** Jonathan Dönz (Lausanne, Switzerland)
15:45	**Remote monitoring applications of cough and respiratory sound analysis** Jaclyn Smith (Manchester, United Kingdom)
16:00	**Acceptability of digital stethoscope technology in a low-resource setting** Salahuddin Ahmed (Dhaka, Bangladesh)
16:15	**Discussion and Q&A** Speaker to be confirmed

Elicium 1 Session 15:45 - 17:00

Symposium: Early-career member session

Aims : to bring together respiratory professionals at early stages of their careers to discuss key aspects for career development in respiratory medicine.

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Thomas Gille (Bobigny, France), Dorina Esendagli (Ankara, Turkey)

15:45	**Mina Gaga Lecture** Niki Ubags (Epalinges, Switzerland)
16:00	**Advocacy: when change is essential** Speaker to be confirmed
16:15	**Why do women make fewer medical errors than men?** Franziska Trudzinski (Heidelberg, Germany)
16:30	**Get involved with the European Respiratory Society to boost your career!** Sara Cuevas Ocaña (Cambridge, United Kingdom)
16:45	**Discussion and Q&A** Speaker to be confirmed

Amtrium Session 15:45 - 17:00

Oral presentation: Cystic fibrosis research: changing the landscape

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Pulmonary function testing Pulmonary rehabilitation Imaging

Chairs : Chair to be confirmed

	Multi-Modal Mapping of Immune Dysregulation Across the Spectrum of CFTR Dysfunction Leander Jonckheere (Gent, Belgium), Cedric Bosteels, Iris Janssens, Sebastian Riemann, Lieve Vande Sande, Tania Maes, Yannick Vande Weygaerde, Stephanie Van Biervliet, Filomeen Haerynck, Robin Browaeys, Niels Vandamme, Bart N. Lambrecht, Simon J. Tavernier, Eva Van Braeckel
	The role of airway inflammation and proteomic changes in cystic fibrosis-related diabetes Stefanie Diemer (Lund, Sweden), Sounak Chowhury, Lotta Happonen, Lisa I. Påhlman
	Unraveling the role of proteases produced by cystic fibrosis isolates of Pseudomonas aeruginosa in dampening inflammation in an organotypic 3-D lung epithelial cell model Merel Wauters (Ghent, Belgium), Sara Van Den Bossche, Lucia Grassi, Mariana Fernandes Gonçalves, Leander Meuris, Delphi Van Haver, Sara Dufour, Simon Devos, Francis Impens, Xavier Saelens, Aurélie Crabbé

Charcot-Leyden crystals and their constituent protein galectin-10 as a biomarker for allergic bronchopulmonary aspergillosis
Iris Janssens (Ghent, Belgium), Leander Jonckheere, Helena Aegerter, Tania Maes, Siele Ceuppens, Hans Ulrichts, Marlies De Coninck, Yannick Vande Weygaerde, Heidi Schaballie, Bart N. Lambrecht, Eva Van Braeckel

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Single-Nuclei RNA Sequencing reveals nasal epithelial changes in CF patients treated with ELE/TEZ/IVA
Sylvie Leroy (Nice, France), Yvon Mbouamboua, Margot Delin, Marie Couralet, Pascal Barbry, Laure Emmanuelle Zaragosi

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Exercise performance in pwCF: a new functional indicator of cardiometabolic and muscular health in the era of highly effective CFTR modulators.
Gianmarco Putti (Assago, Italy), Alessandra Mariani, Mariangela Retucci, Martina Santambrogio, Simone Gambazza, Maria Chiara Russo, Marco Vicenzi, Valeria Daccò, Andrea Gramegna, Francesco Blasi

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3B Session 15:45 - 17:00

Oral presentation: Clinical and translational advances in ultra-rare lung diseases

Disease(s) : Interstitial lung diseases

Method(s) : Cell and molecular biology Imaging

Chairs : Nishant Gupta (Cincinnati, United States), Marissa O'Callaghan (County Cork, Ireland)

When to test for Birt-Hogg-Dubé Syndrome? UK national data
Froher Yasin (Cambridge, United Kingdom), Robert Legg, Cosima Meret Schmid, Simon Holden, Stefan Marciniak

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Genetic Predictors of Pneumothorax in Birt-Hogg-Dubé Syndrome
Marie Moldt Holmager (, Denmark), Katrine Isabella Ørbek, Marianne Præstegaard, Lilian Bomme Ousager, Elisabeth Bendstrup, Jesper Rømhild Davidsen

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Blood cytokines and chemokines in adult pulmonary langerhans cell histiocytosis and their association with FEV1 evolution
Amira Benattia (Paris (Île-de-France), France), Raphaël Porcher, Stéphane Terry, Muriel Andrieu, Gwenaël Lorillon, Abdellatif Tazi

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Implications of iron metabolism dysregulation for diagnosis and treatment of pulmonary lymphangioleiomyomatosis
Min Xie (Wuhan, China), Wenxue Bai, Kaiyan Li, Ying Zhou, Bin Xue

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Differentiating diffuse cystic lung disease from emphysema using machine learning techniques
Donal O'Malley (Westport, Ireland), Ryan Donnelly, Katie Noonan, David J. Murphy, Brian Gaffney, Brian Sheehy, Niall Mcveigh, Nicholas Mccarthy, Alessandro N. Franciosi, Ali Ataya, Nishant Gupta, Francis X. Mccormack, Francesco Bonella, Michael P. Keane, Raphael Borie, David A. Lynch, Emmet E. Mcgrath, Kathleen M. Curran, Cormac Mccarthy

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Fully automatic quantification of pulmonary fat attenuation volume by CT: an exploratory pilot study in non-malignant chronic lung diseases.
Francesco Bonella (Essen, Germany), Luca Salhöfer, Mathias Holtkamp, Lale Umutlu, Judith Kohnke, Jannis Strauss, Nikolas Beck, Marko Frings, Sebastian Zensen, Rene Hosch, Giulia Baldini, Christian Taube, Dirk Westholter, Felix Nensa, Marcel Opitz, Johannes Haubold

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Pulmonary Fibrosis in Pulmonary Alveolar Proteinosis (PAP): A Multi-centre Computed Tomography (CT) Analysis
Niamh Boyle (Celbridge, Ireland), James P.C Ryan, Marissa O'Callaghan, Ali Ataya, Raphael Borie, Francesco Bonella, Elinor Lee, Tisha Wang, Michael P. Keane, David J. Murphy, Cormac Mc Carthy

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Advanced Strategies for Detecting Acid Sphingomyelinase Deficiency Type B with Attenuated Phenotypes
Thomas VILLENEUVE (Ramonville Saint Agne, France), Thibaut Jamme, Robin Schowb, Thierry Levade, Prevot Grégoire

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Genetic and clinical characteristics of familial pulmonary fibrosis patients and relatives
Nathalie Veyt (Dendermonde, Belgium), Tinne Goos, Marie Vermant, Tine Follet, Stefan Gogaert, Evelien Van Hoof, Karen Rosier, Anniek Corveleyn, Laurens De Sadeleer, Bart Vanaudenaerde, Isabelle Cleynen, Sascha Vermeer, Wim Wuyts

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3A Session 15:45 - 17:00

Oral presentation: Respiratory health, comorbidities and mortality

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health General respiratory patient care Pulmonary function testing Physiology

Chairs : Andre F.S. Amaral (London, United Kingdom), Chair to be confirmed

Total lung capacity and cardiometabolic disease in the clinical setting
Ben Knox-Brown (Moulton, United Kingdom), Karl Sylvester, Andre Amaral

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Association of triglyceride-glucose index and lung function impairment: data from the LEAD Study
Mohammad Azizzadeh (Vienna, Austria), Emiel F. M. Wouters, Charmaine J. M. Lim, Tobias Mraz, Alina Ofenheimer, Amiria Dal Grande, Sylvia Hartl, Robab Breyer-Kohansal, Marie-Kathrin Breyer

Isolated small airways obstruction and incident cardiovascular disease in the UK Biobank
Sam Bartlett-Pestell (London, United Kingdom), Valentina Quintero Santofimio, James Potts, Elaine Fuertes, James P Allinson, Jadwiga A Wedzicha, Andre F S Amaral

Cardiovascular disease and mortality in COPD – real-world data from the PRAXIS study
Josefin Sundh (Örebro, Sweden), Scott Montgomery, Mikael Hasselgren, Maaike Giezeman, Gabriella Eliason, Mikael Karlsson, Hanna Sandelowsky, Anna Nager, Marta Kisiel, Karin Lisspers, Björn Ställberg, Christer Janson

Association of the non-high-density lipoprotein cholesterol to high-density lipoprotein cholesterol ratio (NHHR) with COPD incidence and all-cause mortality: A population-based study based on NHANES 2007-2016
Yu Liu (shanghai, China), Zheng Fan, Hongmei Ren, Cuixia Zheng

Socioeconomic inequality in mortality among individuals with COPD and those with normal lung function but respiratory symptoms.
Sigrid Anna Aalberg Vikjord (Trondheim, Norway), Laxmi Bhatta, Helena Backman, Arnulf Langhammer

FEV1 and FEV1/VC trajectories based on annual spirometry measurements in relation to mortality in adults with airway obstruction
Helena Backman (Lulea, Sweden), Anders Lundquist, Linnea Hedman, Caroline Stridsman, Eva Rönmark, Anne Lindberg

COPD and RA: Mortality risks and opportunity for intervention
Olivia Murrin (Exeter, United Kingdom), Jane Masoli, João Delgado

Troponin levels in COPD without cardiovascular influence: SCAPIS findings
Jonas Eriksson Ström (Umeå, Sweden), Ida Pesonen, Per Liv, Anders Andersson, Magnus Ekström, Jonas Holm, Christer Janson, Ulf Nilsson, Josefin Sundh, Magnus Sköld, Anders Blomberg

Forum Session 15:45 - 17:00

Oral presentation: Clinical biomarkers in COPD

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Physiology Cell and molecular biology Pulmonary function testing Epidemiology

Chairs : Alice Turner (Birmingham, United Kingdom), Chair to be confirmed

"Alpha1-antitrypsin M-like variants: the importance to detect the Mwhitstable intronic mutation"
Stefania Ottaviani (Pavia (PV), Italy), Giorgio Lorini, Ilaria Giana, Giulia Accordino, Mariachiara Crescenzi, Alice Maria Balderacchi, Sara Magni, Martina Defelici, Martina Zappa, Dina Visca, Antonio Spanevello, Angelo Guido Corsico, Davide Piloni, Ilaria Ferrarotti

Relationship between mucus plugs and peripheral obstruction and response to bronchodilators in COPD.
Joscha Godts (Ixelles, Belgium), Alain Michils, Alain Van Muylem, Maxime Hackx, Silvia Pérez-Bogerd

The effect of tiotropium/olodaterol on lung, right ventricular function and serum troponin I levels in patients with moderate chronic obstructive pulmonary disease
Ieva Dimiene (Kaunas, Lithuania), Airidas Rimkunas, Inesa Jermalaviciene, Paulius Simkus, Skaidrius Miliauskas

Self-sampling of throat swabs at home for respiratory tract microbiome analysis
Adrian Endres (Frankfurt am Main, Germany), Lauren Reinders, Lauren Remijas, Martine Bos, Philip Stegmaier, Paul Savelkoul, Frits Franssen, Dries Budding, Alexander Seeger, Gernot Rohde, Carla Bellinghausen

Mucus plugging is associated with systemic inflammation in COPD
Abdulrahman Almuhanna (kuwait city, Kuwait), Federico Baraldi, Aaron Braddy-Green, Mairi Macleod, Samuel Bartlett-Pestel, Jordina Mah, Ralph Lopez, Hassan Shabakhti, Apolline Marion, Eric Hoffman, James Allinson, Jadwiga Wedzicha, Lydia Finney

Albuminuria and disease outcome measures in patients with COPD
Marwa Moaaz (Alexandria, Egypt), Sahar Mourad, Ayman Baess, Rania Sweed

A new biomarker to predict prognosis and mortality in severe exacerbations of chronic obstructive pulmonary disease (COPD): red cell index
Hande Celik (Ankara, Turkey), Elif Babaoglu, Deniz Koksal, Osman Dag, Sevinc Sarinc

Comparison of serum amyloid A (SAA) and TGF beta 1 levels as predictors of COPD exacerbation in stable patients
Daria Koval (Dnipro, Ukraine)

Unraveling severe COPD exacerbations: Treatment barriers and unaddressed comorbidities
Sigrid Brisson Nielsen (København Ø, Denmark), Nicole Mistarz, Therese Laperre, Celeste Porsbjerg, Asger Sverrild

G104/105 Session 08:00 - 10:40

Skills workshop: SW13 SW13: Thoracic ultrasound basic principles

Additional registration is required for this session.

Aims : to describe the current use of thoracic ultrasound; to provide participants an opportunity to perform this technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology Interstitial lung diseases

Method(s) : General respiratory patient care Imaging

Target audience : Radiologist, Thoracic surgeon, Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physician in Pulmonary Training

Chairs : Christian Borbjerg Laursen (Odense M, Denmark)

08:00	**Introduction** Christian Borbjerg Laursen (Odense M, Denmark)
08:20	**Normal thoracic cavity** Casper Falster (Odense, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark)
08:20	**Pleural effusion and/or pleural thickening** Gilles Mangiapan (Creteil, France), Pia Iben Pietersen (Odense C, Denmark)
08:20	**Case studies** Rob Hallifax (Oxford (Oxfordshire), United Kingdom)
08:20	**Guided interventions** Søren Helbo Skaarup (Aarhus C, Denmark), Rahul Bhatnagar (Bristol, United Kingdom)

PS-9 Session 08:00 - 09:30

Poster session: Breath detectives: volatile organic compounds and other exhaled biomarkers for detection of lung diseases

Disease(s) : Interstitial lung diseases Thoracic oncology Airway diseases

Method(s) : Physiology Cell and molecular biology General respiratory patient care Epidemiology Public health

Chairs : Anke-Hilse Maitland-van der Zee (Amsterdam, Netherlands), Chair to be confirmed

Features of Exhaled Volatile Organic Compounds (VOCs) for Screening Fibrotic Interstitial Lung Diseases (F-ILD): A Prospective Cohort Study
Pin-Kuei Fu (Taichung, Taiwan), Guan-Hua Huang

MicroRNAs in exhaled breath condensate to differentiate sarcoidosis from tuberculosis: a pilot study
Anant Mohan (New Delhi (Delhi), India), Adwika Pp, Divyanjali Rai, Jaya Tak, Sunita Yadav, Sunil Bangaru, Bijay Pattnaik, Naveen Bhatraju, Seetu Kashyap, Umashkar Verma, Jyoti Kumari, Saurabh Mittal, Pawan Tiwari, Vijay Hadda, Karan Madan, Geetika Yadav, Rs Dhaliwal, Randeep Guleria, Anurag Agrawal

Volatile organic compounds in interstitial lung abnormalities
Conal Hayton (Manchester (Greater Manchester), United Kingdom), Waqar Ahmed, Trishala Raj, Jonathon Shaw, Stephen F. Fowler

Impact of Background Air on Exhaled Volatile Organic Compounds (VOCs) for Distinguishing Fibrotic Interstitial Lung Disease (F-ILD) from Healthy Subjects and Correction Strategies
Pin-Kuei Fu (Taichung, Taiwan), Guan-Hua Huang

Assessing the relationship between exhaled volatiles and lung function change in IPF: Targeted validation analysis
Conal Hayton (Manchester (Greater Manchester), United Kingdom), Waqar Ahmed, Stefan Stanel, Andrew M. Wilson, John Blaikley, Stephen J. Fowler

Exhaled breath-based clusters in children with post-COVID condition
Shahriyar Shahbazi Khamas (Amsterdam, Netherlands), Lieke C. E. Noij, Jelle M. Blankestijn, Coen R. Lap, Marlies A. Van Houten, Giske Biesbroek, Anke-Hilse Maitland-Van Der Zee, Mahmoud I. Abdel-Aziz, Johannes B. Van Goudoever, Mattijs W. Alsem, Caroline L. H. Brackel, Kim J. Oostrom, Simone Hashimoto, Paul Brinkman, Suzanne W. J. Terheggen-Lagro

Post-COVID fibrosis: Distinct Cytokine Profiles in Blood and Exhaled Breath Condensate
Deog Kyeom Kim (Seoul, Republic of Korea), Youlim Kim, Ji-Yong Moon, Yong Il Hwang, Kwang Ha Yoo, Seong Yong Lim

Correlation between exhaled volatile organic compounds and measures of COPD control in the SHERLOCk-P4O2 cohort
Jorrit van Poelgeest (Amsterdam, Netherlands), Pauline Kuks, Simon D. Pouwels, Brady Rae, Emma Doran, Wiebke Theess, Veit Erpenbeck, Barbara Geering, Irene H. Heijink, Anke-Hilse Maitland-Van Der Zee, Maarten Van Den Berge, Paul Brinkman

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In Vitro Microfluidic Breathomics: isolated epithelial and whole patient breath in COPD
Brady Rae (Groningen, Netherlands), Paul Brinkman, Maarten Van De Berge, Simon D. Pouwels, Irene H. Heijink

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Scent of the tumour cell: unique VOC signatures in murine mesothelioma cell lines
Ellen Heirwegh (Antwerp, Belgium), Kathleen Zwjsen, Stefaniya Velichkova, Elly Marcq, Jo Raskin, Kevin Lamote

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Exhaled breath analysis optimizes pulmponary nodule management
Kathleen Zwijsen (Wilrijk, Belgium), Reinier Wener, Ellen Heirwegh, Jan P. Van Meerbeeck, Eline Schillebeeckx, Jo Raskin, Elly Marcq, Paul E. Van Schil, Annemiek Snoeckx, Annelies Janssens, Kevin Lamote

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A novel approach for detecting lung cancer using human breathprints
Eleni Sazakli (Patras, Greece), Georgia Hardavella, Michalis Leotsinidis

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Clinical significance of VOCs breath analysis via TD-GCxGC-TOF-MS for lung cancer detection
Vasiliki Skordia (Athens, Greece), Georgia Hardavella, Ioannis Karampinis, Konstantinos Potaris, Ioannis Dimitroulis, Eleni Sazakli, Michalis Leotsinidis

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Exhaled Breath VOCs for Early Lung Cancer Detection: A Systematic Review
Fares Qtaishat (Amman, Jordan), Ahmad Alkayyat

Discovering novel biomarkers of air pollution exposure by non-invasive exhaled breath analysis in asthma and COPD
Laila Truyen (Wilrijk, Belgium), Thérèse Lapperre, Jan Van Meerbeeck, Roeland Samson, Kevin Lamote

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Exhaled volatile organic compounds in suspected asthma
Waqar Ahmed (Manchester, United Kingdom), Agnieszka Turlo, Ran Wang, Robin Curnow, Kamila Schmidt, Miriam Bennett, Angela Simpson, Clare Murray, Stephen Fowler

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Relationship between exhaled-H_2O_2 levels and asthma control in severe asthma patients on biologics.
Claudia Gagliani (Palermo, Italy), Paul Brinkman, Alida Benfante, Elisa Epifani, Shahriyar Shahbazi Khamas, Alessia Leandra Lisotta, Dario Bartolo Macaluso, Maria Chiara Urso, Anke-H. Maitland Van Der Zee, Nicola Scichilone, Stefania Principe

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Extracellular vesicles in pediatric asthma: detection and characterization in serum, nasal lavage, and exhaled breath condensate
Dominika Ambrożej (Warsaw, Poland), Magdalena Długołęcka, Małgorzata Czystowska-Kuźmicz, Anna Stelmaszczyk-Emmel, Joanna Peradzyńska, Wojciech Feleszko

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Eliminating Saliva Contamination in Exhaled Breath Condensate (EBC)
Michelle Sugimoto (Newcastle upon Tyne, United Kingdom), Esther Smith, Bethany V. Orme, Saqib Ali, Mark Sanders, Sterghios Moschos

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Decoding molecular profiling of exhaled breath condensate in respiratory diseases
Beatrice Ragnoli (Vercelli, Italy), Beatrice Purghè, Gianluca Baldanzi, Marcello Manfredi, Mario Malerba

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PS-23 Session 08:00 - 09:30

Poster session: Complexity in paediatric rare lung and airway disease

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology | Imaging | Palliative care | Surgery | Epidemiology | General respiratory patient care | Pulmonary rehabilitation | Pulmonary function testing | Transplantation | Physiology | Public health | Respiratory intensive care

Chairs : Laura Petrarca (Roma (RM), Italy)

Diagnostic yield and safety of transbronchial cryobiopsy and forceps biopsy in paediatric lung transplant recipients - a single-centre observational study
Pia Maier (Hannover, Germany), Peter Braubach, Hanna Wennigsen-Heipke, Hannah Kaiser, Ola Al Haj, Christoph Happel, Martin Wetzke, Oliver Keil, Carsten Müller, Gesine Hansen, Dmitry Bobylev, Fabio Ius, Nicolaus Schwerk, Julia Carlens

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Prevalence and respiratory morbidity among children born with esophageal atresia in Denmark: a national registry study, 1998-2018.
Lars Skou Elkjaer (Kolding, Denmark), Frederik Fouirnaies Buchvald, Marika Nathalie Ronne, Molly Skov Romdal, Marie Lykke Felby, Kristine Boe Jürgensen, Elisabeth Søgaard Christensen, Kim Gjerum Nielsen

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The impact of respiratory symptoms on quality of life in children with esophageal atresia
Helene Holmark Møller (København Ø, Denmark), Marika Nathalie Rønne, Elisabeth S. Christiansen, Frederik F. Buchvald, Kim G. Nielsen

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Exercise capacity in children with esophageal atresia and tracheomalacia
Molly Skov Romdal (Copenhagen, Denmark), Marika N Rønne, Helene Holmark, Lotte F Larsen, Elisabeth S Christiansen, Frederik F Buchvald, Kim G. Nielsen

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Pediatric Pulmonology Follow-Up for Operated Congenital Thoracic Malformations
Çelebi Yildirim (ankara, Turkey), Satı Özkan Tabakçı, Işıl Bilgiç, Meltem Kürtül Çakar, Gamze Akça Dinç, Ayyüce Aktemur Ünlü, Hande Yetişgin, Süleyman Arif Bostancı, Müjdem Nur Azılı, Sanem Eryılmaz Polat, Dilber Ademhan Tural, Gökçen Dilşa Tuğcu, Güzin Cinel

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Epidemiology of Post Infectious Bronchiolitis Obliterans patients at a tertiary Hospital in Argentina
Alejandro Teper (Ciudad Autónoma Buenos Aires, Argentina), Alejandro Colom, Manuel Dominguez, Florencia Bracamonte

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Ultralow dose 4-dimensional computed tomography (4DCT) in children with tracheal disorders: a pilot study
Molly Skov Romdal (Copenhagen, Denmark), Andreas Leithe, Marika Natalie Rønne, Hans Gustav Hørsted Thyregod, Frederik F Buchvald, Lotte Borgwardt, Kim G Nielsen

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Correlation between symptoms and degree of stenosis measured by rotational optical coherence tomography (OCT) in paediatric patients
Anne Katrine Poulsen (Aarhus, Denmark), Signe Thim, Sune Rubak

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Storm after hematopoietic stem cell transplant or silent threat after infection?The two faces of bronchiolitis obliterans
Sule Selin Akyan Soydaş (ANKARA, Turkey), Murat Yasin Gençoğlu, Salih Uytun, Ece Ocak, Satı Özkan Tabakçı, Işıl Bilgiç, Meltem Kürtül Çakar, Gamze Akça Dinç, Ayyüce Aktemur Ünlü, Hande Yetişgin, Çelebi Yıldırım, Gökçen Dilşa Tuğcu, Sanem Eryılmaz Polat, Dilber Ademhan Tural, Avni Merter Keçeci, Güzin Cinel

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Early lung function assessment in infants with esophageal atresia and tracheomalacia using multiple breath washout (MBW) - The TRALULALA Pilot Study
Marie Lykke Felby (Copenhagen, Denmark), Marika Nathalie Schmidt, Molly Skov Romdal, Helene Holmark Moeller, Rikke Mulvad Sandvik, Marianne Skov, Frederik Buchvald, Kim G. Nielsen

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Effective Flexible Bronchoscopy in Cardiac Children in Paediatric Critical Care.
Charlotte Rampton (Abingdon (Oxfordshire), United Kingdom), Stacy Nzoka, Lucy Everitt, Michael Griksaitis, Oliver Ross

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Flexible replaces rigid bronchoscopy for paediatric foreign body removal - a comparative analysis of past and contemporary practice
Uros Krivec (Ljubljana, Slovenia), Katja Kovač, Malena Aldeco, Dušanka Lepej, Paola Pascolo, Marina Proaprotnik, Jasna Rodman Berlot, Gaja Setnika Kimovec, Saša Šetina Šmid, Aleksandra Zver, Jelena Berger, Boris Greif

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Surgical and clinical outcomes in Danish children with congenital pulmonary malformation
Dalia Karzoun (Aarhus, Denmark), . Cpm Research Group, Elisabeth Søgaard Christiansen, Frederik Fouirnaies Buchvald, Kim Gjerum Nielsen, Sune Leisgaard Mørck Rubak

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Vaccine Hesitancy Among Caregivers: Differences Between Caregivers of Children With and Without Chronic Lung Disease
Beste Özsezen (Ankara, Turkey), Ozlem Uzum, Cansu Melis Yıldız, Nevin Uzuner

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Pediatric Idiopathic Pulmonary Hemosiderosis: an endless challenge
Nicolò Garancini (Milano, Italy), Giulia Canali, Giulia Grillo, Andrea Farolfi, Michele Ghezzi, Marco Morelli, Salvatore Zirpoli, Alessandro Campari, Francesca Izzo, Stefania Ferrario, Andrea Antonio Ianniello, Mario Petrillo, Fiammetta Zunica, Gian Vincenzo Zuccotti

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Chylothorax in Gorham-Stout Disease: Case Report and Systematic Review
Susana Ruiz (Marbella, Spain), María Del Carmen Morillo

Plastic bronchitis mimicking foreign body aspiration in a child-case report
Ilija Kirovski (Skopje, North Macedonia), Vili Stamkova

Impact of prone positioning on sleep and respiratory outcomes in infants with Pierre Robin sequence, a prospective study.
Stephanie Krayem (cergy, France), Laurianne Coutier, Aurore Guyon, Pauline Adnot, Sonia Ayari, Sébastien Blanc, Carole Egron, Agnès Giuseppi, Lucie Griffon, Amira Harrache, Eglantine Hullo, Robin Pouyau, Marine Thieux, Brigitte Fauroux, Veronique Abadie, Patricia Franco

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Unraveling the airway enigma: a case series of pediatric plastic bronchitis with diverse presentations and outcomes
Özge Ülgen (İstanbul, Turkey), Sinem Can Oksay, Begum Yoruk, Gulay Bilgin, Saniye Girit

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Prevalence of airway abnormalities in children with Down Syndrome in Nottingham
Nik Muhammad Syakir Nik Ishak (Nottingham, United Kingdom), Andrew Prayle, Mat Daniel, Rebecca Devaney, Matthew Hurley, Jayesh Bhatt, Elizabeth Marder, Anastasia Michael, Muhammad Zulkifli

PS-28 Session 08:00 - 09:30

Poster session: Bronchiectasis: patient-centred outcomes and therapy

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Pulmonary rehabilitation Pulmonary function testing Epidemiology Public health Cell and molecular biology

Chairs : Yeon Mok Oh (Seoul, Republic of Korea), William Flowers (Oxford, United Kingdom)

Performance of artificial intelligence answering questions on disease management from people with bronchiectasis: results from the AIR-BE study.
Mattia Nigro (Milan, Italy), Andrea Aliverti, Alessandra Angelucci, Apostolos Bossios, Hilary Pinnock, Jeanette Boyd, Pippa Powell, Michal Shteinberg, James D. Chalmers, Stefano Aliberti

Pan-European validation of the Bronchiectasis Health Questionnaire: data from the EMBARC-BRIDGE study
Arietta Spinou (London, United Kingdom), Holly Lind, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Amelia Shoemark, James D Chalmers

A prospective UK study to evaluate the bronchiectasis impact measure in patients with bronchiectasis: data from the EMBARC-BRIDGE study
Holly Lind (DUNDEE, United Kingdom), Pieter Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Amelia Shoemark, James Chalmers, Arietta Spinou

Linking daily symptoms to exacerbations in bronchiectasis: findings from the Bronchiectasis Health Questionnaire
Charlotte Schou (Svenstrup J, Denmark), Peter Ascanius Jacobsen, Ulla Møller Weinreich

Evaluating the role of telerehabilitation in managing bronchiectasis: a randomized study
Büşra Öçal (Ankara, Turkey), Esra Pehlivan, Elif Yelda Özgün Niksarlıoğlu

Effectiveness of pulmonary rehabilitation in bronchiectasis patients: comparing airway clearance device and physical activity
Michela Salvemini (Foggia, Italy), Pasquale Tondo, Donato Lacedonia, Ernesto Giuffreda, Dalila Pescatore, Fabrizia La Torre, Maria Pia Foschino Barbaro, Giulia Scioscia

Sex and gender in bronchiectasis: an analysis of two Italian centres and a review of literature
Ilaria Giana (Pavia, Italy), Pasquale Tondo, Giulia Scioscia, Maria Pia Foschino Barbaro, Donato Lacedonia, Valentina Conio, Lucrezia Pisanu, Simone Montini, Lorenzo Arlando, Maria Arminio, Klodjana Mucaj, Marianna Russo, Mitela Tafa, Elisabetta Gallo, Emanuela De Stefano, Francesco Bertuccio, Angelo Guido Corsico, Giulia Maria Stella

Steady state signs and symptoms of bronchiectasis in an international multicentre cohort: the 4S study
Mattia Nigro (Milan, Italy), Edoardo Simonetta, Veronica Polelli, Paola Scarano, Angela Tramontano, Alessandro De Angelis, Jin-Fu Xu, Francesco Blasi, Andrea Gramegna, Giovanna Elisiana Carpagnano, Vittoria Comellini, Paola Faverio, Valentina Conio, Donato Lacedonia, Hayoung Choi, Raja Dhar, Salvatore Battaglia, Claudia Crimi, Martina Bonifazi, Henil Upadhyay, Anthony De Soyza, Oriol Sibila, James D. Chalmers, Stefano Aliberti

Probabilistic modelling to mitigate AMR development in bronchiectasis – an AMR-Lung study
Ollie Pitts (London, United Kingdom), Till Othmer, Chiara Premuda, Yuan Zhilling, Mattia Nigro, Nikolas Johl, Arafa Aboelhassan, Safaa Eid, Sarah Hashem, Noha Khalil, Oto Melter, Pavel Drevinek, Rishi Dhillon, Irfan Shafiq, Nilufer Acet, Ozge Aydin Guclu, Jamie Duckers, Wang Chun Kwok, Stefano Aliberti, Andrea Gramagna, Stephanie Thee, Freddy Frost, Anand Shah

Association between participation in the German Bronchiectasis Registry (PROGNOSIS) and improvement in the course of disease
Pontus Mertsch (Munich, Germany), Jessica Rademacher, Felix C. Ringshausen, Sutharsan Sivagurunathan, Gernot Rohde, Annegret Zurawski, Sarah Sieber, Grit Barten-Neiner, Nina Adaskina, Isabell Pink

Urinary and fecal dysfunction in bronchiectasis patients: a pilot study
Martina Santambrogio (Milano (MI), Italy), Angela Bellofiore, Andrea Gramegna, Emilia Privitera, Francesco Blasi

Airway CD10/neprilysin is related to lung function and disease severity in patients with bronchiectasis: Preliminary data from the EMBARC BRIDGE study
Hannah Dickson (Dundee, United Kingdom), Rachel Galloway, Rebecca C Hull, Hollian Richardson, Holly Lind, Chandani Hennayake, Daniela Alferes De Lima Headley, Jennifer Pollock, Eve Mcintosh, Emma Johnson, Morven Shuttleworth, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raúl Méndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Merete Long, Amelia Shoemark, James D Chalmers

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Are postal sputum samples a valid tool for clinical and research applications in bronchiectasis?
Louise Jackson (Liverpool, United Kingdom), David Green, Dan Wootton, Warwick Dunn, Catherine Winder, Dharun Senthil Kumar, Wanchang Lin, Victoria Shaw, Susan Holden, Dilip Nazareth, Dennis Wat, Phil Mitchelmore, Ilona Littler, Kamlesh Mohan, Jo Fothergill, Frederick Frost

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Bronchiectasis Patients' awareness on RSV-LRTI and attitude to vaccination.
Virginia Santello (Padova, Italy), Kristi Mustaqe, Eleonora Ruzzini, Francesca Boscaro, Beatrice Scapolan, Laura Natoli, Gioele Castelli, Mariaenrica Tine, Umberto Semenzato

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Characterising adult Primary ciliary dyskinesia (PCD) in the EMBARC-BRIDGE cohort
Amelia Shoemark (Dundee (Angus), United Kingdom), Holly Lind, Kateryna Viligorska, Pieter Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, James Chalmers

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Validation of bronchiectasis patient reported outcome measures in adults with primary ciliary dyskinesia: Data from the EMBARC-BRIDGE study and BEAT-PCD
Amelia Shoemark (Dundee (Angus), United Kingdom), Michael Loebinger, Pieter Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Holly Lind, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Arietta Spinou, Felix Ringshausen, James Chalmers

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Volatile organic compounds in patients with primary ciliary dyskinesia with or without prophylactic azithromycin
Akash Singh (Nieuw-Vennep, Netherlands), Joël Israëls, Josje Altenburg, Els Weersink, Eric Haarman, Anke-Hilse Maitland - Van Der Zee, Paul Brinkman

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Ethnicity and socioeconomic status have no impact on longitudinal spirometry trend for children and young people (CYP) with non-cystic fibrosis bronchiectasis (NCFB)
Jui Prashant Andharia (Birmingham, United Kingdom), Rahul Sharma, Thomas Telford, Hollie Smith, Christopher Hine, Prasad Nagakumar, Priti Kenia

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Inhaled Antibiotic Therapy in Patients with COPD and Chronic Bronchial Infection (CBI) by P. aeruginosa: Mortality Analysis Based on Eradication vs. Persistence of CBI
Fredy Bustamante Villanueva (Barcelona, Spain), Fabiana Cusati De Andrade, Fernando Gutiérrez Pereyra, Oriol Caritg Cicera, Esther Barreiro Portela, Eva Tabernero Huget, Roser Costa Sola, Marta María García Clemente, Nuria Celorrio Jiménez, Laura Rodríguez Pons, Carmen Calero Acuña, Juan Luis Rodríguez Hermosa, Miguel Ángel Martínez García, David De La Rosa Carrillo

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Interleukin-17C governs interleukin-17A pathogenicity and orchestrates asthma endotype switching in bronchiectasis.
Jin-fu Xu (Shanghai, China), Yu-Wei Zhang, Yu-Hua Wen, Ling Yang, Ying-Zhou Xie, Dong Weng, Xi-Yue Shen, Jing-Ge Ma, Hai-Wen Lu, Xiao-Li Sun, Shu-Yi Gu, Bei Mao, Ai Ge, Yue Su, Fang Jiang, You-Cun Qian

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PS-37 Session 08:00 - 09:30

Poster session: Translational research in sarcoidosis

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Public health Imaging Cell and molecular biology Pulmonary function testing Pulmonary rehabilitation

Chairs : Chair to be confirmed

Lung Function Phenotypes and Disease Progression in Pulmonary Sarcoidosis
Louis Jouanjan (Freiburg, Germany), Charlott Terschluse, Martin Feineis, Sebastian Wirtz, Daniel Soriano, Daiana Stolz, Björn Christian Frye, Prerana Agarwal

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1,25OH-VitaminD/25OH-VitaminD ratio (VitDR) as a marker of disease activity in sarcoidosis: retrospective multicentre study
Andrea Falco (Orbassano, Italy), Stefano Levra, Fabiana Giannoccaro, Alberto Carignano, Paolo Cameli, Giuseppe Guida, Fabio Luigi Massimo Ricciardolo, Elena Bargagli

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Characterization of progressive pulmonary sarcoidosis and study of bronchoalveolar lavage as a prognostic marker
Sara Salvador Fernàndez (Barcelona, Spain), Marta Andreu Casas, Paula Barquero Dueñas, Maria Florencia Pilia, David Espejo Castellanos, Christian Eduardo Romero Mesones, Iñigo Ojanguren Arranz, Francisco Javier Muñoz Gall, Ana Villar Gómez

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Validation of a new IVD-R compliant ELISA to measure soluble IL2R in ILD.
Anne Reiners (, Netherlands), Anja Matzen, Oliver Schmidt, Bob Meek

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Association of TNFRSF1A genotype and disease progression in sarcoidosis
Astrid Gjervold Lunde (Harstad, Norway), Solfrid Romundstad, Anne Hildur Henriksen, Hanne Sorger, Arnulf Langhammer, Eda Boerner, Niels Schröder, Francesco Bonella

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Small Airway Dysfunction in Sarcoidosis: Comparison of IOS, N_2-WB, and PFT
Jaime Andrés Alvarado Castillo (Bogotá (Cundinamarca), Colombia), Julia Novack, Kateryna Gashynova, Gregor Krasagakis, Daiana Stolz, Björn Frye

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Relation between hair glucocorticosteroids, fatigue and psychological symptoms in patients with sarcoidosis
Vivienne Kahlmann (Rotterdam, Netherlands), M Mohseni, C C Moor, S J Van Helmondt, R L M Mostard, M L Van Der Lee, J Grutters, S Van Den Berg, E F C Van Rossum, M S Wijsenbeek, M Veltkamp

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Forced Oscillatory Technique for Identifying and Quantifying Pulmonary Involvement in Patients with Sarcoidosis
Rottem Kuint (Jerusalem, Israel), Yishai Netanel Grauer, Fares Darawshy, Dan Padawer, Henny Azmanov, Ariel Kenig, Avraham Abutbul, Neville Berkman

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Forced oscillation technique in pulmonary sarcoidosis: lower diagnostic burden and identifying phenotypes
Lisette R M Raasing (Nieuwegein, Netherlands), Marcel Veltkamp

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Establishment of an in vitro granuloma-like model using human PBMCs with Cutibacterium acnes
Keisuke Kasuga (Mitaka city, Tokyo, Japan), Ken Shirato, Junri Hayakawa, Kei Kozuka, Masaoki Saito, Jumpei Aso, Hiroki Nunokawa, Mitsuru Sada, Keitaro Nakamoto, Takeshi Saraya, Haruyuki Ishii

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SCREENING OF CCR2 GENE İN SARCOIDOSIS PATIENTS WITH NEXT GENERATION SEQUENCE ANALYSİS
Pınar Yıldız Gülhan (duzce, Turkey), Reecep Eröz

Effect of methotrexate and prednisone on intermediate monocytes in pulmonary sarcoidosis
Montse Janssen Bonás (Nieuwegein, Netherlands), C. Benschop-Roodenburg, R. Kraaijvanger, M. Heron, V. Kahlmann, C.C. Moor, R.L.M Mostard, H.N.A.J Van Rijswijk, J Van Der Maten, E.R. Marges, L.A.A. Moonen, M.J. Overbeek, B. Koopman, M.J.J.H. Grootenboers, E.J. Nossent, M. Wagenaar, H. Kramer, P.L.M.L Wielders, P.I. Bonta, S. Walen, B.A.H.A. Bogaarts, M. Overgaauw, J.C. Grutters, M.S. Wijsenbeek, M. Veltkamp

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Patient experiences with an online home monitoring program for sarcoidosis
Astrid Dunweg (Rotterdam, Netherlands), V Kahlmann, C.C. Moor, R.L.M. Mostard, M Janssen Bonas, J.C. Grutters, H.N.A.J Van Rijswijk, J. Van Der Maten, E.R. Marges, L.A.A. Moonen, M.J. Overbeek, B. Koopman, M.J.J.H. Grootenboers, E.J. Nossent, M. Wagenaar, H. Kramer, P.L.M.L. Wielders, P.I. Bonta, S. Walen, B.A.H.A. Bogaarts, R. Kerstens, M. Overgaauw, M. Veltkamp, M.S. Wijsenbeek

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Epigentics in Pulmonary Sarcoidosis Inflammatoy Phenotype
Rachel Snoddy (Antrim, United Kingdom), Mark Watson, Rebekah Gilpin, Philip Logue, Dermot Linden, Paul Minnis

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Exploring sex differences in extrapulmonary manifestations of Sarcoidosis: a monocentric retrospective study
Tommaso Pianigiani (Siena, Italy), Giulio Natalello, Akter Dilroba, Laura Bergantini, Miriana D'Alessandro, Paolo Cameli, Elena Bargagli

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Alveolar diffusion parameter in hyper polarized 129Xenon MRI imaging correlates significantly with lung function in patients with pulmonary sarcoidosis
Ling-Pei Ho (Oxford (Oxfordshire), United Kingdom), Sabrina Zulfikar, James Grist, Iony Evans, Leizl Alvarez, Kenneth Jacob, Avianna Laws, Fergus Gleeson

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Distinguishing Lymph Node Tuberculosis and Pulmonary Sarcoidosis Using NMR-Based Metabolomics: Insights from a North Indian Cohort Study
Alok Nath (Lucknow (Uttar Pradesh), India), Dinesh Kumar, Sachin Yadav, Kritika Singh, Vikas Agarwal, Ajmal Khan, Zia Hashim, Mansi Gupta

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The potential role of lymphocytes T activation markers: CD38 and HLA-DR and novel hematological parameters in lymph node assessment of different stages of pulmonary sarcoidosis.
Agata Raniszewska (Warszawa, Poland), Iwona Kwiecień, Elżbieta Rutkowska, Rafał Sokołowski, Joanna Bednarek, Piotr Miklusz, Karina Jahnz-Różyk, Joanna Domagała-Kulawik, Piotr Rzepecki

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YACTA airway analysis in sarcoidosis
Cormac McCool (Belfast, United Kingdom), Lisa Graham, Victoria Steele, Eddie Gibson, Rory Kelly, Paul Minnis

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PS-6 Session 08:00 - 09:30

Poster session: Environmental and host factors shaping lung health: microbiome, epigenetics and post-infectious signatures

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Thoracic oncology

Method(s) : Cell and molecular biology Epidemiology Endoscopy and interventional pulmonology General respiratory patient care Pulmonary function testing Public health

Chairs : Chair to be confirmed

Microbial dysbiosis in cannabis smoking is associated with worse respiratory symptoms
Cassandra Gilchrist (Vancouver, Canada), Xuan Li, Julia Yang, Clarus Leung, Rachel L Eddy, Corey Nislow, Sunita Sinha, Tawimas Shaipanich, Christopher Carlsten, Don D Sin, Janice M Leung

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The leukocyte epigenome is associated with salivary bacteria involved in asthma exacerbations
Javier Perez-Garcia (Palo Alto, United States), Erick Castillo-Vargas, Mario Martin-Almeida, Elena Martin-Gonzalez, Ruperto Gonzalez-Perez, Jose M. Hernandez-Perez, Olaia Sardon-Prado, Paloma Poza-Guedes, Elena Mederos-Luis, Paula Corcuera-Elosegui, Inmaculada Sanchez-Machin, Leyre Lopez-Fernandez, Jesus Villar, Andres Cardenas, Fabian Lorenzo-Diaz, Maria Pino-Yanes

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Nasal microbiome diversity and composition are associated with respiratory health in adolescents
Javier Perez-Garcia (Palo Alto, United States), Anne Bozack, Sheryl L. Rifas-Shiman, Brent Coull, Heike Luttmann-Gibson, Joel Schwartz, Marie-France Hivert, Emily Oken, Diane R. Gold, Andres Cardenas

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Mycobiome subtyping of bronchoalveolar lavage (BAL) in individuals with prior tuberculosis
Animesh Ray (new delhi, India), Pei Yee Tiew, Pooja Sharma, Tiyasha De, Sahar Rafat, Sanjeev Sinha, Naveet Wig, Micheál Mac Aogáin, Mohammed Faruq, Sanjay H Chotirmall

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Spatial Transcriptomics reveals biomass smoke extract induced gene expression changes in human lung parenchyma
Robert J Hall (Nottingham (Nottinghamshire), United Kingdom), Alexander Clay, Michael A Portelli, Binaya Kc, Dhruma Thakker, Ian Sayers, Ian P Hall

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Synergistic Effects of Staphylococcus aureus and Cigarette Smoke on Airway Epithelium: A Transcriptomic Analysis
Ha-Kyeong Won (Seoul, Republic of Korea), Jiwon Lee, Jae Won Yun, Kyung-Eun Park, You Sook Cho, Jun-Pyo Choi, Woo-Jung Song

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Machine Learning and Enrichment Analysis Reveal Persistent Protein Signatures in Longitudinal Post-COVID Symptom Trajectories
Kimon Ntotsis (Leicester, United Kingdom), Claudia Efstathiou, Matthew Richardson, Ryan S. Thwaites, Felicity Liew, Daniel F. Lozano Rojas, Marco Sereno, Rachael A. Evans, Louise V. Wain, Peter J.M. Openshaw, Christopher Brightling, Phosp-Covid Phosp-Covid Collaborative Group

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Role of microRNA-NM002 in COVID-19: Implications for lung injury and fibrosis
Sabrina Setembre Batah (Toronto, Canada), Chirag Vaswani, Amin Ektesabi, Jacqueline Pavelick, Yanbo Wang, Greaton Tan, Maria Carolina Barbosa-Silva, Andrea Rodríguez Herrera, James Tsoporis, Tales De Nadai, Alexandre Fabro, Claudia Dos Santos

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Exploring genetic susceptibility to severe COVID-19: Using first telomere-to-telomere reference genome of Han Chinese, T2T-YAO
Yukun He (Beijing, China), Jianbo Xue, Xinqian Ma, Wenyi Yu, Zhancheng Gao

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Antibiotic use and antibiotic resistance genes in the lower airways in patients with chronic lung disease
Guri Kringeland (Bergen, Norway), Gunnar Husebø, Solveig Tangedal, Andreu Paytuvi, Walter Sanseverino, Daniel Julian, Rune Nielsen, Tomas Eagan

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Biomarkers and post COVID-19 respiratory sequalae among Population
Muhammad Abdullah (Lahore, Pakistan), Anam Naz, Javed Anver, Ammara Hasnain, Ahsan Sattar Sheikh, Amjed Ali, Leah Reznikov

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Plasma miRNome Profiling Reveals Subphenotype-Specific Mortality Prediction Models in Elderly COVID-19 Patients
Manel Perez-Pons (Lleida, Spain), Iván D. Benítez, Marina Rogel Vilanova, Pilar Nogales Moreno, Mariona Puente Moreno, Elena Balaña Prim, Thais Comella, Anna Pérez-Sainz, Irene Cuadrat, Laia Utrillo-Montagut, Francisco Nicolas-Sánchez, Thalía Belmonte, Marta Molinero, María C. García-Hidalgo, Carlos Rodríguez-Muñoz, Anna Moncusí-Moix, Clara Gort-Paniello, Tamara Postigo, Alicia Ortega, Jessica González, Ferran Barbé, Jesús F. Bermejo-Martin, Gerard Torres, David De Gonzalo-Calvo

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A retrospective analysis of Non-small cell lung cancer molecular profiling in Malta – The association between smoking status and PD-L1 and EGFR expression
Michael Pace Bardon (Swieqi, Malta), Jessica Saliba, Joanne D'Amato, Justine Borg, Matthew Spiteri, Jade Camilleri, Ian Said-Huntingford

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Inflammation and apoptosis are deregulated in sputum cells derived from patients with post-infectious bronchiolitis obliterans
Ralf Schubert (Frankfurt, Germany), Lucy Gronau, Silvija Pera Jerkic, Ludwig Prosinger, Karen Naegele, Jordis Trischler, Katharina Bluemchen, Stefan Zielen

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Evaluating the Contribution of Chorioamnionitis to the Lung Phenotype of the Premature Rabbit Model of Bronchopulmonary Dysplasia
Giorgio Aquila (Parma, Italy), Francesca Stretti, Emilie Goffinon, Yannick Regin, Marnel Greyling, Gino Villetti, Xabier Murgia, Jaan Toelen, Francesca Ricci

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METTL3-Mediated m6A Modification of MUC1 Facilitates Epithelial Mesenchymal Transition and Promotes Pulmonary Fibrosis Induced by Silica
Haoyu Yin (Wuhan, Hubei, China), Weihong Chen, Jixuan Ma

PS-10 Session 08:00 - 09:30

Poster session: Association of sleep-disordered breathing and different comorbidities

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Public health Epidemiology General respiratory patient care Pulmonary function testing Imaging Surgery Physiology

Chairs : Matteo SICILIANO (ROMA, Italy)

A multi-trait GWAS of OSA and hypertension identified novel sex-specific loci
Bichen Peng (Jinan, China), Weiyi Ye, Xia Wang, Yining Tang

Impact of ATC N-Class therapy on OSA patients – data from European Sleep Apnea Database (ESADA)
Francesco Fanfulla (Pavia (PV), Italy), Jan Hedner, Pasquale Tondo, Giorgia Trakada, Sofia Schiza, Anja Seiger, Athanasia Pataka, Holger Hein, Stefan Mihaicuta, Dries Testelmans, Pawel Sliwinski, Bailly Sebastien

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Baseline lipid levels and weight gain after one year predict long-term cardiovascular outcomes in adults with coronary artery disease and obstructive sleep apnoea
Yeliz Celik (İstanbul, Turkey), Baran Balcan, Yüksel Peker

Polysomnography in patients awaiting coronary artery bypass grafts, A single center experience from Sri Lanka
Manil Peiris (Kandy, Sri Lanka), Prabuddha Attanayake, Amila Rathnapala, Mudith Lansakara, Mihiri Siribaddana, Anoma Siribaddana

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Characteristics of patients diagnosed with obstructive sleep apnea referred from the cardiology department.
Carla Nóvoa (Madrid, Spain), Xingi Gao, Miguel Ángel Salvador Maya, Annette Zevallos Villegas Sleep Respiratory Disorders Unit. Hospital Clínico San Carlos, Madrid, Spain

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Severity of sleep apnoea is associated with nocturnal atrial and ventricular cardiac arrhythmia - a subanalysis of the HypnoLaus Study
Valentin Guenzler (Regensburg, Germany), Christoph Fisser, Ronja Koerner, Anja Zogler, Florian Zeman, Adrien Waeber, Raphaël Heinzer, Michael Arzt

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Obstructive sleep apnea, obesity and SCORE2 cardiovascular risk in a middle-aged population - the SCAPIS Sleep Cohort
Ding Zou (Gothenburg, Sweden), Ludger Grote, Mio Kobayashi Frisk, Xingwu Zhou, Baz Delshad, Mirjam Ljunggren, Jenny Theorell-Haglöw, Christer Janson, Erik Holmgren, Martin Claesson, Anders Blomberg, Karl A. Franklin*, Jan Hedner*, Eva Lindberg*

Reevaluating OSA severity: insights from AHI, Baveno classification, and respiratory events
Margarida Carvalho (Ermesinde, Portugal), Pedro Amorim, Pedro Pereira Rodrigues, Daniela Ferreira-Santos

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Implications of Gastroesophageal Reflux in Obstructive Sleep Apnea Syndrome
Ghada Berkaoui (Ariana, Tunisia), Ferdaous Yangui, Soumaya Debbiche, Rihab Kefi, Hela Cherif, Haifa Ben Romdhane, Salma Mokaddem, Mohamed Ridha Charfi

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Chronic cough as a manifestation of obstructive sleep apnea (OSA) in the context of the intersection of allergy diseases and gastroesophageal reflux disease (GERD).
Oleh Yakovenko (Lutsk, Ukraine), Alla Hrytsiuk, Khrystyna Drozd, Mykola Halaida, Anastasiia Malesyk, Olha Korzhyk, Tetiana Yakovenko

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Risk of hyperlactatemia in patients with obstructive sleep apnoea receiveing metformin: prospective cohort study.
Kamil Polok (Kraków, Poland), Aleksander Kania, Natalia Celejewska-Wójcik, Paweł Nastałek, Krzysztof Sładek, Grażyna Bochenek

Obstructive sleep apnea and metabolic syndrome association. A meta-analysis
Eirini Zarkadi (PATRAS, Greece), Vasileios Karamouzos, Fotios Sampsonas, Dimosthenis Lykouras, Kyriakos Karkoulias, Fotini Fligou, Argyrios Tzouvelekis, Paschalis Steiropoulos

Polysomnographic Characteristics of Obese Apneic Patients With or Without Obesity-Hypoventilation Syndrome
Abdelouahab Fouzia (Constantine, Algeria), Mohamed Bougrida, Bourahli Mohamed Khireddine, Benzouid Bouchra, Martani Mahdi

Co-Morbid Insomnia and Sleep Apnea (COMISA): An Independent Risk Factor for Cardiovascular (CV) Events in a Population-Based Cohort
Geoffroy Solelhac (Lausanne, Switzerland), Theo Imler, Nicola Marchi, Pedro-Manuel Marques-Vidal, Peter Vollenweider, Raphaël Heinzer

Assessment of insomnia in patients with OSA: relationship with associated comorbidities and clinical implications
Giuseppe Scotti (Naples, Italy), Carlo Iadevaia, Andrea Bianco, Fabio Perrotta

Prevalence and impact of periodic limb movements in patients with disordered sleep: a retrospective study
Shantanu Patra (Bristol, United Kingdom), Goksu Ozen, Emma Plant, Amina Mohamed, David Cartwright, Emma Sharratt, Natarajan Swaminathan, Ziaudeen Ansari

Phenotypic traits of sleep-apnea post-stroke: insights from the analysis of the pan-European ESADA cohort
Sébastien Baillieul (Grenoble CEDEX 9, France), Renaud Tamisier, Jean-Louis Pépin, Francesco Fanfulla, Dries Testelmans, Georgia Trakada, Haralampos Gouveris, Pascalis Steiropoulos, Winfried Randerath, Gianfranco Parati, Marta Drummond, Stefan Mihaicuta, Jan Hedner, Ludger Grote, Sébastien Bailly

The Duration and Severity of Parkinson's Disease on the Risk of Obstructive Sleep Apnea
Özge Özkutlu (ankara, Turkey), Esma Demir, Nezehat Özgül Ünlüer, Rıza Sonkaya

The impact of obesity on sleep, pulmonary and chest wall restriction in Osteogenesis Imperfecta: a pilot study
Antonella LoMauro (Milano (MI), Italy), Ramona Deamicis, Simona Bertoli, Alessandrio Sartorio, Vittorio Landoni, Andrea Aliverti

Sanjad Sakati Syndrome and Sleep disordered breathing: an undisclosed association
Tabinda Naz Qureshi (London, United Kingdom), Hussein Al Kindi, Saif Al Yarubi, Mohammed Al Abri, Duaa Khateer, Alshaima Al Abri

PS-3 Session 08:00 - 09:30

Poster session: Artificial intelligence, machine learning models and biomarkers for classification, prediction, diagnosis and early detection of respiratory diseases

Disease(s) : Airway diseases | Thoracic oncology | Respiratory critical care | Interstitial lung diseases

Method(s) : Public health | Pulmonary function testing | Physiology | General respiratory patient care | Epidemiology | Pulmonary rehabilitation | Imaging

Chairs : Vitalii Poberezhets (Vinnytsia, Ukraine), Dimitrios Megaritis (Newcastle upon Tyne, United Kingdom)

Smartphone-based lung function measurement using AI-driven vocal biomarkers and acoustic analysis of voice and breathing
Giovanni Paoletti (Rozzano, Italy), Giovanni Costanzo, Morena Merigo, Francesca Puggioni, Sebastian Ferri, Maria Rita Messina, Fulvio Cordella, Ayana De Brito Martins, Giorgio Walter Canonica, Arianna Arienzo, Enrico Heffler

Spatial and temporal contributions to real-world walking speed adaptations in COPD
Joren Buekers (Barcelona, Spain), Alessandro Pagano, Paula Alvarez, Julia Braun, Clemens Becker, Nunzio Camerlingo, Andrea Cereatti, Silvia Del Din, Laura Delgado Ortiz, Anja Frei, Elena Gimeno-Santos, Sarah Koch, Thierry Troosters, Alison J. Yarnall, Lynn Rochester, Judith Garcia-Aymerich

Optimizing cough frequency assessment: a 7-day monitoring standard
Mindaugas Galvosas (Wilmington, United States), Matthew Rudd, Peter Small

Concurrent validity of smartwatch-based 6-minute walking distance in COPD
Debbie de Graaf (Nijmegen, Netherlands), Alex J. Van 'T Hul, Nienke M. De Vries, Bastiaan R. Bloem, Luc J. W. Evers

A cough sound-based deep learning algorithm for detection of chronic obstructive pulmonary disease with smartphones
Jingwen Huang (Shanghai, China), Jun Zhou, Min Zhou, Jieming Qu

Machine learning-driven lung sound analysis: novel methodology for asthma diagnosis
Ihsan Topaloğlu (Kars, Turkey), Gulfem Ozduygu, Cagri Atasoy, Guntug Batihan, Damla Serce, Mutlu Onur Gucsav, Arif Metehan Yıldız, Turker Tuncer, Sengul Dogan, Prabal Datta Barua

A diagnostic convolutional neural network for classifying muscle oxygenation signals across physical activity states in COVID-19 survivors and healthy people
Dimitrios Megaritis (Newcastle upon Tyne, United Kingdom), Emily Hume, Lina Bernert, Enya Daynes, Rachael Evans, Sally J Singh, Carlos Echevarria, Yifeng Zeng, Ioannis Vogiatzis, Na On Behalf Of Phosp-R Study Collaborative Group

Application of machine learning to predict bronchiolitis severity in children
Sara Manti (Messina (ME), Italy), Antonella Gambadauro, Matteo Stocchero, Eugenio Baraldi

Specificity, sensitivity and accuracy of generative artificial intelligence chatbots in chest X-ray interpretation
Vitalii Poberezhets (Vinnytsia, Ukraine), Anna Starychenko

The significance of gender-specific characteristics in lung cancer screening.
Anna Tvarkovska (Vinnytsia, Ukraine), Mykyta Pershyn, Alina Dovgan

Harnessing AI to predict asthma exacerbations: a promising frontier in respiratory health
Celeste Pugliaro (Genova, Italy), Saverio Bifulco, Barbara Brugnoli, Benedetta Cavazzutti, Andrea Toniato, Fulvio Braido

Computational phenotyping of COVID-19: Unraveling clinical heterogeneity in a Tunisian cohort.
Ahmed Dhia El Euch (Sfax, Tunisia), Rahma Gargouri, Rim Khemekhem, Nesrine Kallel, Nour Kallel, Walid Feki, Hajer Ayadi, Ilhem Yangui, Sameh Msaad, Najla Bahloul, Nedia Moussa, Samy Kammoun

Using AI to identify chest x rays requiring follow up after pneumonia
David Bruce (St Albans, United Kingdom), Lara Whitmore, Tessa Burchi-Khairy, Andrew Houston, William Ricketts

Synthetic data applications in respiratory research: Enhancing analysis accuracy and patient privacy with EPICOSAI
Arzu Kanik (Mersin, Turkey), Burak Akicier

Deep learning model for segmentation of wheezing in the respiratory sound databases
Sehun Jang (Seoul, Republic of Korea), Daehwan Hwang, Sanghoon Lee, June-Woo Kim, Kyunghoon Kim

Screening COPD by analysing self-recorded breathing sounds: a pilot study
Ivan Juez-Garcia (Lleida, Spain), Ivan D Benítez, Alberto Tena, Francesc Clariá, Ferran Barbé, Francesc Solsona, Jordi De Batlle

Artificial intellengence (AI) and Asthma
Sarang Patil (Dhule (Maharashtra), India)

Can arteficial intelligence transform chronic respiratory disease management? Insights from the COPD-ALERT project
Tamas Agh (Esztergom, Hungary), Przemyslaw Kardas, Job F M Van Boven

Improving early lung cancer screening in COPD patients using an AI-developed questionnaire.
Anna Tvarkovska (Vinnytsia, Ukraine), Mykyta Pershyn, Alina Dovgan

VCScanBot – AI-Driven Chat Bot for Lung X-Rays and Ultrasound to Detect Pulmonary Disease [Prelimimary Abstract]
Surraya Shams (Karachi, Pakistan), Bilal Ahmed Usmani, M. Naveed Baqir, Khadijah Abid

PS-36 Session 08:00 - 09:30

Poster session: Clinical course of interstitial lung diseases of known causes

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Pulmonary function testing Imaging General respiratory patient care Endoscopy and interventional pulmonology Respiratory intensive care Cell and molecular biology Public health Physiology

Chairs : Claudia Valenzuela (Madrid, Spain), Maria Camila Melo Narvaez (Marburg, Germany)

Characteristics and prognosis of Interstitial lung disease patients with small air way disease
Nimrod Orr Urtreger (Tel Aviv, Israel), Gil Ben-Non, Amir Bar-Shai, Ophir Freund, Doron Cohn-Schwartz, Ariel Melloul, Avraham Unterman

Radiomics-Guided Machine Learning Models for Differentiating and Predicting Prognosis in Interstitial Lung Diseases
Jing Gao (stockholm, Sweden), Dong-Fang Du, Dong-Quan Zhang, Xu-Dan Zuo, Lan Huang, Wei-Dong Hu, Xiao-Jun Wang

Pulmonary Function Decline Predicts Long-Term Outcomes in ILDs.
Matteo Della Zoppa (Milano, Italy), Emanuela De Stefano, Cristina Novy, Andrea Pajoro, Sara Lettieri, Simone Montini, Ilaria Campo, Francesca Mariani, Angelo Guido Corsico, Davide Piloni

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A Comparative Study of outcomes between Idiopathic Pulmonary Fibrosis and Fibrotic Hypersensitivity Pneumonitis
Maria João Lúcio (linda a velha, Portugal), Mariana Gonzalez Ribeiro, Patrícia Mota, David Coelho, André Terras, André Carvalho, Susana Guimarães, Conceição Souto Moura, Luís Delgado, Oksana Sokhatska, Marília Beltrão, Rita Santos, Natália Melo, António Morais, Hélder Novais Bastos

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Diagnostic yield and complications of transbronchial lung cryobiopsy performed using rigid or flexible bronchoscopy
Sahajal Dhooria (Chandigarh, India), Nidheesh Kuniyil, Amanjit Bal, Valliappan Muthu, Kuruswamy Thurai Prasad, Inderpaul Singh Sehgal, Ritesh Agarwal, Ashutotosh Nath Aggarwal

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ILD in patients with myositis specific and associated antibodies: a retrospective case series study
Gabriela Claudia Tabaj (Ciudad Autónoma Buenos Aires, Argentina), Brenda Varela, María Otaola, Romina Roldán, Juan Enghelmayer, Tulio Papucci, Micaela Cosatti, Cecilia Pisoni

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Drug-Induced Interstitial Pneumonia: Organizing Pneumonia Following Ocrelizumab Therapy
Maria Angela Vittoria Anna Chiara Licata (Rome, Italy), Alessia Mari, Monica Di Norcia, Luigia Dari Salisburgo, Marco Di Perna, Sandro Cinotti, Arturo Ciccullo, Franco Tonello, Roberta Di Crecchio, Stefano Feliciangeli, Anna Cecilia Carucci, Alessandro Grimaldi, Gian Luca Primomo

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BEACON-PPF: a phase 2b study of bexotegrast for treatment of progressive pulmonary fibrosis (PPF)
Claudia Valenzuela (Madrid, Spain), Vincent Cottin, Wim A. Wuyts, Michael Kreuter, Tamera J. Corte, Chris N. Barnes, Chohee Yun, Éric A. Lefebvre, Gregory P. Cosgrove, Kevin R. Flaherty

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Long-term clinical outcomes in patients with combined pulmonary fibrosis and emphysema (CPFE): An 8-Year prospective study
Narendra Kumar Narahari (Hyderabad (Telangana), India), Rakesh Kodati, Manasa Bai Kanavath, Crosswin Raevanth Joseph Victor, Paramjyothi Gongati Kruparao

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Role of traction bronchiectasis in the early detection of radiological progression in patients with Hypersensitivity Pneumonitis
Giuliana Grimaudo (Alcamo, Italy), Gioele Castelli, Elisabetta Cocconcelli, Ilaria Del Gobbo, Giacomo Giulianelli, Serena Bellani, Nicol Bernardinello, Paolo Spagnolo, Chiara Giraudo, Elisabetta Balestro

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Combined pulmonary fibrosis and emphysema: One size fits all?
Canan Gunduz (İstanbul, Turkey), Ahmet Kürşat Karaman, Ibrahim Feyyaz Naldemir, Selma Aydoğan

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Early Detection of Interstitial Lung Diseases: Validation of a New ILD Screening Tool
Supriya Phadnis (Pune, India), Deepak Muthreja, Asmita Mehta, Akashdeep Singh, Rennis Davis, Shital Patil, Ayyappath R Paramez, Malay Sarkar, Saurabh Karmakar, Lovely Sinha, Amitkumar Dave, Raghava Rao, Devasahayam J Christopher, Kaushik Saha, Sonali Trivedi, Symal Sarkar, Babaji Ghewade, Aditya Jindal, Pralhad Prabhudesai, Gaurav Singhal, Sheetu Singh, Raja Dhar, Bhanupratap Singh, Apoorva Singh, H Jayadevappa Gayathri, Rajesh Swarnakar, Sapna Madas, Deesha Ghorpade, Swapnil Gadhave, Snehal Kulkarni, Mangesh Chandolkar, Samruddhi Bhalare, Abhishek Sabale, Jagruti Yenpure, Meghna Gajul, Meena Lopez, Monali Mehta, Jaideep Gogtay, Sundeep Salvi

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Sjögren's Syndrome and Interstitial Lung Disease: Experience in a Collaborative Rheumatology-Pulmonology Clinic
Edwin Jonathan Yong Portugal (Madrid, Spain), Sonia Jiménez Barrios, Sandra Garrote Corral, Carlos De La Puente Bujidos, María Angeles Blazquez Cañamero, Jesús Loarce Martos, Celia Zamarro García, Ana Jaureguizar Oriol, Juan Rigual Bobillo

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Disease progression and survival in histology-proven hypersensitivity pneumonitis pattern: a retrospective cohort study
Gabrielle Archer (Paris, France), Kinan El Husseini, Alice Guyard, Marie-Pierre Debray, Aurélie Cazes, Justine Frija-Masson, Pierre Mordant, Pierre Le Guen, Camille Taillé, Raphaël Borie, Bruno Crestani

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One-year change in composite physiologic index (CPI) and survival in patients with fibrotic hypersensitivity pneumonitis
Punchalee Kaenmuang (Songkhla, Thailand), Fiammetta Danzo, Simon Bax, Richard J Hewitt, Maria Kokosi, Vasileios Kouranos, Felix Chua, Peter M George, Richard Gisli Jenkins, Athol U Wells, Carmel Jw Stock, Piersante Sestini, Elisabetta A Renzoni

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Trends in interstitial lung disease (ILD) multidisciplinary team (MDT) diagnoses: A five year retrospective analysis
Una Boland (Dublin, Ireland), Anne Walsh, Niamh Boyle, Lindsay Brown, Michael P Keane, Cormac Mc Carthy

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Lung Function Parameters as Predictors of Mortality Risk in Patients with Interstitial Lung Disease
Rodrigo Torres Castro (Barcelona, Spain), Claudia Moreno Díaz, Xavier Alsina-Restoy, Matías Otto-Yáñez, Lurdes Planas-Cerezales, Alejandro Frino-García, Fernanda Hernández-González, Jacobo Sellarés Torres

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Viral exacerbations of interstitial lung diseases: A multicentre retrospective cohort study
Joshua Harridine (Birmingham, United Kingdom), Gayathri Mohan, Aylin Ugurlu, Paul Ellis, Gareth Walters, Christopher Huntley

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Acute exacerbation: a turning point in hypersensitivity pneumonitis
Charlotte Menigoz (Nantes, France), Céline Chaillou, Quentin Maubert, Claire Defrance, Fiona Laboue, Frédéric Corne, Eline Magois, Antoine Moui, Dorian Hassoun, Christine Sagan, Rose Esnaud, Anne-Laurence Gourdier, François-Xavier Blanc, Frédéric Gagnadoux, Stéphanie Dirou

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Influence of disease activity on lung involvement in rheumatoid arthritis patients with interstitial lung disease
Rosangela Di Liberti (Bagheria, Italy), Irene Di Leo, Tiziana La Blasca, Lidia La Barbera, Chiara Rizzo, Riccardo Messina, Salvatore Battaglia, Giuliana Guggino, Nicola Scichilone

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PS-35 Session 08:00 - 09:30

Poster session: Clinical prognostication in pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Epidemiology Physiology Imaging Pulmonary function testing Cell and molecular biology

Chairs : Shaney Barratt (Bristol (Avon), United Kingdom)

Predictive factors of progressive pulmonary fibrosis
Ahmed Ben Saad (Monastir, Tunisia), Souha Ben Salem, Lobna Loued, Wajih Ghribi, Rania Kaddoussi, Saoussen Cheikh Mhamed, Samah Joobeur

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Parameters Predictive of Mortality in Patients with Idiopathic Pulmonary Fibrosis: mMRC, CPI, TLCO, FVC, GAP, RV, 6MWT, honeycombing
Sevda Aras (İzmir, Turkey), Gülistan Karadeniz, Fatma Demirci Üçsular, Enver Yalnız

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The risk stratification score: a new staging system for Idiopathic Pulmonary Fibrosis – discovery cohort results
Gian Marco Manzetti (Rome, Italy), Paola Rogliani, Francesco Cavalli, Marco Mura

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Evaluation of factors affecting mortality in patients with idiopathic pulmonary fibrosis
Serap Argun Baris (Kocaeli, Turkey), Tugba Onyilmaz, Bengu Gul Ozturk, Gozde Oksuzler Kizilbay, Gozde Selvi Guldiken, Hasim Boyaci, Ilknur Basyigit

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Factors associated with mortality in patients with idiopathic pulmonary fibrosis on antifibrotic therapy
Gergana Stefanova (Pleven, Bulgaria), Tyulin Riza, Zlatina Ivanova, Nikolay Kyuchukov, Nela Tsetsova, Ralitsa Pencheva, Borislava Zhelezarova, Yavor Ivanov

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Is serum PD-L1 a marker for survival in patients with IPF?
Nesrin Moğulkoç Bishop (Izmir, Turkey), Dragana Jovanovic, Jelena Kotur-Stevuljevic, Omer Faruk Dadas, Burak Gokce, Martina Koziar Vasakova

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Circulating urokinase-type plasminogen activator receptor (uPAR) associates with progression of idiopathic pulmonary fibrosis (IPF)
Jamie L. Todd (Durham, United States), Hillary Mulder, Megan L Neely, Peitao Wu, John A Belperio, Toby M Maher, Justin M Oldham, Scott M Palmer, Divya C Patel, Christian Hesslinger, Thomas Schlange

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The Prognostic Role of Neutrophil-to-Lymphocyte Ratio, Monocyte-to-Lymphocyte Ratio, and Systemic Inflammation Response Index in Predicting Mortality in Idiopathic Pulmonary Fibrosis: A 5-Year Real-World Study
Ramazan Eren (Istanbul, Turkey), Elif Yelda Ozgun Niksarlıoglu, Mehmet Atilla Uysal, Sule Gül, Baris Demirkol, Erdogan Cetinkaya

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Stratifying GAP stages by the MUC5B rs35705950 variant refines survival prediction in IPF
Joanne van der Vis (Nieuwegein, Netherlands), Antje Prasse, Elisabetta Renzoni, Carmel Stock, Toby Maher, Francesco Bonella, Raphael Borie, Bruno Crestani, Wim Wuyts, Philip Molyneaux, Johannes Kelder, Jan Grutters, Coline Van Moorsel

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Does hiatus hernia have a detrimental impact on survival in IPF?
Nesrin Moğulkoç Bishop (Izmir, Turkey), Akın Cinkooglu, Omer Faruk Dadas, Zehra Nur Töreyin, Martina Koziar Vasakova

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Comorbidome Impact on IPF Survival: CIRS and GAP Index Evaluation in a Single-Center Cohort.
Ferdinando Damato (Napoli, Italy), Chiara De Fonzo, Gaetano Rea, Marialuisa Bocchino

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Effect of comorbidities on mortality in IPF: Analysis from the British Thoracic Society (BTS) UK interstitial lung disease (ILD) registry.
Leng Cheng Sia (Kuala Lumpur, Malaysia), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Gina Amanda, Karol Bączek, Andrew Achaiah, Lucile Sesé, Nazia Chaudhuri

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The impact of ischemic heart disease on the clinical course of idiopathic pulmonary fibrosis
Sung Kyoung Kim (Suwon, Republic of Korea), Kihoon Park, Seung Hoon Kim, Seok Min Hyun, Ahran Kim

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Impact of epicardial adipose tissue on comorbidities and prognosis in idiopathic pulmonary fibrosis
Raphaël Hindré (Saint Ouen sur Seine, France), Pierre Yves Brillet, Warda Khamis, Sadio Barst, Emmanuel Cosson, Lucile Sesé, Hilario Nunes

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Risk of lung cancer and derived mortality in patients with interstitial lung diseases: A nationwide population-based matched cohort study.
Elisabeth Bendstrup (Aarhus N, Denmark), Jakob Nebeling Hedegaard, Anne Ording, Jesper Rømhild Davidsen, Morten Bendixen, Thomas Decker Christensen, Christian Borbjerg Laursen

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Association of Physiological Cost Index with Pulmonary Function and GAP Score in Patients with Interstitial Lung Disease
Soumaya Rebay (Menzel jemil, Tunisia), Khouloud Kchaou, Yosra Abdelhedi, Nour Ben Mrad, Saloua Ben Khamsa Jameleddine

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Predictors of admission for an acute exacerbation of interstitial lung disease
Ahmed Ben Saad (Monastir, Tunisia), Souha Ben Salem, Lobna Loued, Wajih Ghribi, Rania Kaddoussi, Saoussen Cheikh Mhamed, Samah Joobeur

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A systematic review and meta-analysis of prognostic factors of idiopathic pleuroparenchymal fibroelastosis (IPPFE)
Hiroyuki Kamiya (Perth (WA), Australia), Tomomi Miyahara, Jyuri Kawasaki, Sakae Fujimoto

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Distinct Fine Crackle Patterns as Predictors of Specific Features in High-Resolution Computed Tomography (HRCT)
Stefan Gogaert (Korbeek-Lo, Belgium), Maarten De Vos, Alexander Bertrand, Nico Decrem, Tine Folet, Marie Vermant, Tinne Goos, Marianne Carlon, Bart Vanaudenaerde, Laurens De Sadeleer, Joseph Jacob, Wim Wuyts

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Bronchiolectasis of respiratory bronchioles leads to honeycomb cyst formation within the IPF lung
Najmeh Assadinia (Vancouver, Canada), Kohei Ikezoe, Stacey Ledoux, Fanny Chu, Joel D. Cooper, James C. Hogg, Dragos Vasilescue, Tillie-Louise Hackett

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PS-2 Session 08:00 - 09:30

Poster session: Mighty muscle in chronic disease

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Pulmonary function testing | Pulmonary rehabilitation | Physiology | Cell and molecular biology | General respiratory patient care | Public health | Respiratory intensive care | Imaging

Chairs : Pauline Henrot (Pessac, France), Chair to be confirmed

Do alterations in intramuscular extracellular matrix protein levels disrupt the normal process of muscle remodelling in response to exercise training in patients with COPD?
Davina C M Simoes (Newcastle upon Tyne, United Kingdom), Efpraxia Kritikaki, Gerasimos Terzis, Ioannis Vogiatzis

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Diagnostic accuracy and prognostic ability of SARC-F during acute exacerbations of COPD
George Mills (Leicester, United Kingdom), Emily Siviter, Cara Flynn, Omer Elneima, Tracey Thornton, Sarah Glover, Sally J. Singh, Neil J. Greening, Hamish J. C. Mcauley

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Body composition in lung transplant candidates referred to pulmonary rehabilitation
Daniela Stefana Gologanu (Bucuresti (Sector 1), Romania), Iuliana David, Valentin Nedelcu, Ion Ion, Marius Balea, Diana Ionita, Dragos Bumbacea

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Body composition in patients with COPD: the extremes
Bente Brauwers (Heerlen, Netherlands), Frits Franssen, Paula Van Melick, Roy Meys, Rosanne Beijers, Jeroen Van Hees, Bram Van Den Borst, Chris Burtin, Martijn Spruit

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Effects of resistance and aerobic exercises with blood flow restriction in patients with chronic obstructive pulmonary disease.
Ahmet Güneş (istanbul, Turkey), Fatma Mutluay, Murat Acat

Systemic responses to a continuous blood flow-restricted aerobic exercise session in COPD patients: a double blind, randomized safety trial
Ahmet Güneş (istanbul, Turkey), Fatma Mutluay, Murat Acat, Oğuzhan Koca

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Long-test ventilation in children with severe chronic health disabilities: the 14-year experience of a single "Hospital at Home" center
Elpis Hatziagorou (Thessaloniki, Greece), Petrina Vantsi, Maria Galogavrou, Fotios Kirvasilis, Athina Sopiadou, Elisavet-Anna Chrysochoou, Vasilios Liakos, Kostas Moisides, Eleftherios Thireos, John Tsanakas

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Respiratory and peripheral muscle activity during field tests in COPD: case-control study
Guilherme Fregonezi (Rio Grande do Norte, Brazil), Caroline Taveira, Jéssica Medeiros Da Fonseca, Jessica Diniz Cavalcanti, Lucien Peroni Gualdi, Matias Otto-Yáñez, Andrea Aliverti, Vanessa Resqueti, Jordi Vilaró

Impact of Strength Training on Neuromuscular Function in COPD: Key Knowledge for Understanding Strength Gain Variability After Pulmonary Rehabilitation
Marion Desachy (Jacou, France), Francois Alexandre, Nicolas Oliver, Jean Pierre Lacombe, Julia Goesch, Catherine Gilland, Amandine Calvat, Remy Dadier, Alain Varray, Nelly Heraud

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How respiratory muscle training (RMT) can reduce the global burden of cardiovascular disease (CVD)
Nina Bausek (Gloggnitz, Austria), Nicholas Meyer, Ivana Croghan

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The acute cardiorespiratory response to blood flow restriction strength exercise in patients with COPD: a randomized crossover trial
Manuel Kuhn (Zurich, Switzerland), Christian Clarenbach, Adrian Kläy, Laura Mayer, Malcolm Kohler, Thomas Radtke, Sarah Haile, Oliver Senn, Noriane Sievi, Dario Kohlbrenner

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Diaphragmatic Function in Children with Cerebral Palsy: Insights from Muscle Ultrasound
Joaquim Malta (Petrolina, Brazil), Bárbara Bernardo Figueirêdo, Thalita Crispim, Maracy Balbino, Deivd Siqueira, Helga Muniz, Paulo Magalhães

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Beneficial Effects of Isolated Resistance Training on Pulmonary Functional and Immunological Response in Sedentary Older Adults
Rodolfo P Vieira (Anápolis, Brazil), Anamei Silva-Reis, Meiry Souza Moura-Maia, Eduarda Teodora Rachid-Wolpp, Naiara Nadia Moreira-Silva, Luis Vicente Franco De Oliveira, Andre Luis Lacerda Bachi, Yanesko Fernandes Bella

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Effects of a four-week expiratory muscle training program on pharyngeal muscle function and swallowing in older adults
Yuichi Tawara (Hamamatsu, Japan), Shinichi Arizono, Kazuhiro Kimpara

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The Effectiveness of Whole Body Vibration on Muscle Function and Respiratory Parameters in İntensive Care Patients: a Randomized Controlled Clinical Trial
Yunus TÜTÜNEKEN (848, Turkey), Hande Çağlıyan, Elif Kabasakal, Kübra Kardeş, Hatice Karabulut, Beyza Tanrıöğen, Burcu Işıkcı, Hakan Parlak, Gül Yılmaz Yelvar, Yasemin Buran Çırak

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Acute effects of a single positive expiratory pressure therapy (PEP) session on lung hyperinflation in COPD patients
Marijan Potzmann (Vienna, Austria), Benjamin Sabic, Viktoria Peresich, Luisa Ernst, Bianca Rogi, Karin Vonbank

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Influence of quadriceps isometric strength measured with a portable dynamometer on the number of hospital admissions, length of stay, and emergency room visits in COPD patients: Comparison with other functional variables
Rafael Rivilla Rivilla (SEVILLA, Spain), Maria Pilar Cejudo Ramos, Rosa María Vazquez Sanchez, Erian Roque Betancourt, Inmaculada Ortiz Molina, Alejandro Romero Linares, Antonio Yosvani Mendez Alonso, Patricia Baez Peinado

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Validation of an Artificial Intelligence (AI) measurement of skeletal muscle in computed tomography (CT) of the thorax against DXA muscle mass
Paul O'Riordan (leicester, United Kingdom), Petr Novotny, Lorna Latimer, George Mills, Charlotte E Bolton, Christopher E Brightling, Paul L Greenhaff, William D-C Man, Sally J Singh, Louise V Wain, Rachael A Evans, Daynes Enya, Neil J Greening, Hamish J C Mcauley

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Inspiratory muscle training combining strength and endurance improves diaphragmatic function in patients with tracheostomy due to prolonged mechanical ventilation. Preliminary results.
Jennifer Ayuso (Rancagua, Chile), Daniel Pérez, Pilar Retamal, Marcos Espinoza, Dixon Cid, Carolina Lindsay, Maria Bachmann, Julia Guerrero

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Efficacy of PEP in the prevention and treatment of postoperative pulmonary complications following thoracic and abdominal surgery.
Darko Dolic (Eraclea, Italy), Simone Salvitti

PS-8 Session 08:00 - 09:30

Poster session: From cell to organ crosstalk in lung injury and repair

Disease(s) : Respiratory critical care | Pulmonary vascular diseases | Interstitial lung diseases | Airway diseases | Thoracic oncology

Method(s) : Cell and molecular biology | Pulmonary function testing | Respiratory intensive care | Physiology | Imaging

Chairs : Niki Ubags (Epalinges, Switzerland)

Sex hormones modulate the fibrotic response in type 2 alveolar epithelial cells
Anja Schweikert (Dublin, Ireland), Jisha Jasmin, Sahin Sarihan, Irene Oglesby, Mari Ozaki, Killian Hurley

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Neonatal ventilation-induced lung injury causes an IL-6 mediated inflammation and cellular stress response in kidneys in mice
Centina Kuiper-Makris (Cologne, Germany), Maria Rechmeier, Ivana Mizik, Christina Vohlen, Sarah Stegmann, Jan-Wilm Lackmann, Eva Nüsken, Kai Nüsken, Zülfü Cosgun, Sebastian Brähler, Sandra Habbig, Stephan Rose-John, Jörg Dötsch, Miguel Alejandre Alcázar

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The autonomous nerve system-lung interface in experimental BPD: neuropeptide Y modulates immune response and alveolar growth in neonatal mice exposed to oxidative stress
Caroline Zeitouny (Köln, Germany), Clemens Nies, Celien Kuiper-Makris, Christina Vohlen, Dharmesh Hirani, Herbert Herzog, Jörg Dötsch, Werner Seeger, Julian Koenig, Miguel A. Alejandre-Alcazar

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Inflammation diminishes muscle regeneration induced by mitochondrial impairment in COPD
Sven Manse (Maastricht, Netherlands), Ramon C. J. Langen, Sarah A. Veenstra, Irene H. Heijink, Harry R. Gosker

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CXCL10 deficiency protects against hyperoxia-induced inflammation and cellular stress in kidneys of newborn mice
Centina Kuiper-Makris (Cologne, Germany), Caroline Jule Jacob, Dharmesh Hirani, Christina Vohlen, Jörg Dötsch, Miguel Alejandre Alcázar

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Myostatin signaling blockade impacts on muscle wasting in a mouse model of glucocorticoid-treated ECOPD
Sandra van Krimpen (Maastricht, Netherlands), Justine Webster, Peiyu Qiu, Pauline Henrot, Behzad Rezaeifar, Sami Simons, Annemie Schols, Ramon Langen, Harry Gosker

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Comparison of respiratory consequences of permanent and transient cerebral ischemia in rats
Petra Somogyi (Hódmezővásárhely, Hungary), Fruzsina Farkas, Fruzsina Kun-Szabó, Gergely H. Fodor, Szilvia Kecskés, Eszter Farkas, Ferenc Peták

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Impairment in short-term memory is associated with increased Iba-1 and decreased nicotinic receptors in brain from mice with acute lung injury
Stephanie Nonato de Castro (Santos, Brazil), Priscila Santos Barbosa, Vitória Caroline De Queiroz, Patrícia Santos Carvalhino Lopes, Valéria Cunha Moreira, Beatriz Soares Silva, Nathalia Montouro Pinheiro- Menegasso, Ayman K Hamouda, Rodrigo Portes Ureshino, Roberta Sessa Stilhano Yamaguchi, Alessandra Mussi Ribeiro, Carla Máximo Prado

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The effects of nandrolone on muscle wasting in a mouse model of glucocorticoid-treated ECOPD
Sandra van Krimpen (Maastricht, Netherlands), Justine Webster, Peiyu Qiu, Pauline Henrot, Behzad Rezaeifar, Sami Simons, Annemie Schols, Harry Gosker, Ramon Langen

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The role of IRAK4 in an acute cigarette smoke-induced model of pulmonary injury
Dimitrios Zervas (London, United Kingdom), James Pinkerton, Thomais Markou, Mark Freeman, Lina Odqvist, Theresa Andreasson, Annika Borde, Maria Belvisi, Mark Birrell

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A novel dual organ-on-chip platform for prolonged study of lung-muscle crosstalk
Jalal Mosayebi Amroabadi (Maastricht, Netherlands), Sven Manse, Luna Louwe, Pauline Henrot, David Baião Barata, Roman Truckenmüller, Harry R. Gosker, Ramon C.J. Langen

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Endothelial PAI-1 Protects Against Acute Lung Injury by Regulating Tight Junction via Piezo2 and the PI3K-Akt-GSK3β Pathway
YUHAN WANG (SHANGHAI, China), Jian Xu, Yuanlin Song

Basophils promote the resolution of acute respiratory distress syndrome through IL-4 production.
Seiko Takasawa (Tokyo, Japan), Kensuke Miyake, Tomoya Tateishi, Jun Sugihara, Junya Ito, Hajime Karasuyama, Yasunari Miyazaki

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Pulmonary extracellular vesicle microRNAs induce alveolar macrophage dysfunction in ARDS
Katie Spencer (Birmingham, United Kingdom), Mark Lindsay, Babu Naidu, David R Thickett, Aaron Scott, Rahul Y Mahida

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Personalised in silico modelling to predict radiation-induced pulmonary fibrosis in lung cancer patients
Vasileios Vavourakis (Nicosia, Cyprus), Eleftherios Ioannou, Morfo Georgiou, Anastasia Malai, Antri Peraticou, Elisavet Papageorgiou, Anna-Maria Shiarle, Christos Shakas, Dimitrios Ntaskagiannis, Nicos Katodritis, Dimitrios Vomvas

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A lung microphysiological system platform for methylisothiazolinone-caused inhalation toxicologic model
Young-Jae Cho (Seongnam, Republic of Korea), sohyun park, Eun-Young Eo, Bokyong Kim, Chang Gyu Woo, Nina Hobi, Lea L. De Maddalena, Arunima Sengupta

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Early Growth Response-2 is involved in regulation of fibrogenesis-related genes in macrophages
Qian Tian (Amsterdam, Netherlands), Alexandra Drakaki, Hella Aberson, Sami Lone, Tom Van Der Poll, C. Arnold Spek, Marten Hoeksema, Jan Willem Duitman

Prognostic biomarkers for cardiovascular risk in patients with acute exacerbation of Chronic Obstructive Pulmonary Disease: A sub study of the RCT CORTICO-COP.
Jens-Ulrik Stæhr Jensen (København Ø, Denmark), Pradeesh Sivapalan, Anna Kubel Vognsen, Ruth Frikke-Schmidt, Jens Peter Gøtze, Therese Lapperre, Christina Christoffersen, Jon Torgny Wilcke, Charlotte Suppli Ulrik, Niklas Dyrby Johansen, Mats C. H. Lassen, Alexander Mathioudakis, Jørgen Vestbo, Tor Biering-Sørensen

Mast cell chymase 1 regulates lung fibrosis in idiopathic pulmonary fibrosis
Gang Liu, Prema Monogar, Ashleigh Philp, Tatt Jhong Haw, Philip Hansbro

Association between circadian rhythm alterations and the persistence of respiratory dysfunction in survivors of acute respiratory distress syndrome
Carlos Rodríguez Muñoz (Lleida, Spain), Iván Benítez, Rafaela Vaca, Olga Mínguez, Sally Santisteve, María Aguilá, Mario Henríquez-Beltrán, Miguel Sánchez-Rodríguez, Clara Gort-Paniello, Anna Moncusí-Moix, Jessica González, Ferrán Barbé, Adriano Targa, David De Gonzalo-Calvo

PS-21 Session 08:00 - 09:30

Poster session: Cystic fibrosis in motion: modulators, monitoring and the whole-body impact

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Pulmonary function testing Imaging Physiology Epidemiology

Chairs : Oded Breuer (Jerusalem, Israel), Chair to be confirmed

Real-life effect of lumacaftor-ivacaftor or tezacaftor-ivacaftor in children with Phe508del CFTR mutation
Nele Aerssens (Holsbeek, Belgium), Marijke Proesmans, Mieke Boon, Francois Vermeulen

Lung function improvement with triple modulator therapy in patients with cystic fibrosis in North Macedonia: A one-year experience
Elena Krsteska (Skopje, North Macedonia), Andrijana Andreevska Stepanovska, Valentina Cvejoska Cholakovska, Bosko Koloski, Stojka Fustik

The hidden impact of Kaftrio: declining lean mass and aerobic capacity in children with cystic fibrosis
Amandine Holden (Edinburgh, United Kingdom), Anne Devenny, Louis Thomson, Ross Langely, Paul Burns, Sheila Shepard, Avril Mason

Impact of Kaftrio on body composition and bone health in children with cystic fibrosis
Amandine Holden (Edinburgh, United Kingdom), Anne Devenney, Louis Thomson, Ross Langely, Paul Burns, Sheila Shepard, Avril Mason

Sleep Quality and Mental Health in Children with Cystic Fibrosis: The Impact of Elexacaftor/Tezacaftor/Ivacaftor Therapy
Beste Özsezen (Ankara, Turkey), Simge Aslan, Hanife Burcu Guler, Nevin Uzuner

Factors associated with long-term lung function outcomes following elexacaftor/tezacaftor/ivacaftor treatment
Oded Breuer (Jerusalem, Israel), Mohammad Hadhud, Joel Reiter, Elad Ben Meir, Alex Gileles-Hillel, Ido Sadras, Eitan Kerem, Malena Cohen-Cymberknoh

Impact of modulator therapy on microbiological trends over 9 months in North Macedonia
Andrijana Andreevska Stepanovska (Skopje, North Macedonia), Elena Krsteska, Valentina Cvejoska Cholakovska, Lidija Spirevska, Aleksandar Stepanovski, Vesna Kotevska, Stojka Fustik

Clinical parameters in adult patients with cystic fibrosis on ELX/TEZ/IVA in North Macedonia
Tatjana Jakovska-Maretti (Skopje, North Macedonia), Ivana Arnaudova Danevska, Elena Gjinovska Tasevska, Tanja Savin

Amphiregulin as a biomarker of bronchopulmonary disease severity in children and adolescents with cystic fibrosis.
Irena Wojsyk-Banaszak (Poznań, Poland), Aleksandra Szczepankiewicz, Beata Narożna, Zuzanna Stachowiak, Paulina Famulska, Marta Osinska, Katarzyna Tąpolska-Jóźwiak, Anna Musiał, Katarzyna Jończyk-Potoczna

Risk of exposure for the caregivers during aminoglycoside nebulization: an observational study
Christophe Thibon (Bruxelles, Belgium), Grégory Reychler, Zoé Verdereau, Anne-Sophie Aubriot, Sophie Gohy, Silvia Berardis, Lidivine Boland, Vincent Haufroid, Jean-Christophe Dubus

Lung clearance index (LCI) and lung volume (FRC) sitting vs supine in health and CF (cystic fibrosis) in relation to inert gas diffusivity
Fatma M. Al Jassim (Dubai, United Arab Emirates), Anders Lindblad, Mollie Riley, Per M. Gustafsson

Lung function tracking and its determinants in cystic fibrosis from infancy to preschool age.
Radim Bláha (Jindřichův Hradec, Czech Republic), Tereza Holeček-Krištofová, Anna Šmejkalová, Žofie Tesařová, Žofia Varényiová, Eva Fürstová, Jana Bartošová, Veronika Skalická, Tereza Doušová, Petr Pohunek, Václav Koucký

Craniofacial development in children with cystic fibrosis
Pelin Asfuroglu (Ankara, Turkey), Nazli Gonder Erdede, Aysegul Gulec, Yasin Sahin

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Vitamin A and Th17/Treg homeostasis in children with cystic fibrosis
Tuğba Şişmanlar Eyuboglu (Ankara, Turkey), Ayse Tana Aslan, Nihan Oruklu, Melek Yaman, Milad Abbasi, Handan Kelec, Nilgun Kula, Gokcen Unal, Sevgi Pekcan, Özlem Gulbahar, Volkan Medeni, Emin Umit Bagriacik

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The long-term impact of targeted nutritional interventions on BMI percentiles in children with cystic fibrosis.
Seyda Karabulut (Istanbul, Turkey), Merve Selcuk Balcı, Neval Metin Cakar, Ceren Ayça Yıldız, Muge Merve Akkitap Yigit, Eda Esra Baysal, Fulya Ozdemircioglu, Busra Ozgunay, Emre Ugurlu, Gulizar Alıshbayli, Burcu Uzunoglu, Gamze Tastan, Damla Kocamaz, Almala Pınar Ergenekon, Ela Erdem Eralp, Yasemin Gokdemir, Fazilet Karakoc, Bulent Karadag

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Delta F508 as associated factor to impared osteoblastal acitvity in patients with cystic fibrosis
Filip Doksimovski (Skopje, North Macedonia), Elena Ginovska-Tasevska, Ivana Arnaudova Danevska, Hristijan Nestorov, Tatjana Jakjovska

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Assessment of Bone Health in adults with Cystic Fibrosis in the Republic of North Macedonia
Tatjana Jakovska-Maretti (Skopje, North Macedonia), Ivana Arnaudova Danevska, Elena Gjinovska Tasevska

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Sweat test results in patients on CFTR-modulators in Bulgaria
Ivaylo Nikolov (, Bulgaria), Guergana Petrova, Vera Papochieva, Kristin Genkova, Yana Pesheva, Dimitrinka Miteva, Mila Baycheva

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PS-17 Session 08:00 - 09:30

Poster session: Biomarkers in asthma

Disease(s) : Airway diseases

Method(s) : Epidemiology Physiology General respiratory patient care Pulmonary function testing Cell and molecular biology

Chairs : Zuzana Diamant (Groningen, Netherlands)

Cytokines in Exhaled Breath Condensate from Children with Severe Asthma and effects on Human Respiratory Epithelium Cultures
Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), Andrea Dugour, Fernanda Elias, Veronica Giubergia, Gabriela Pelaez, Gimena Donth Legar, Doris Primerose, Marcela Roque, Carlos Velasco, Veronica Aguerre, Belen Lucero, Juan Manuel Figueroa

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FeNO: a useful biomarker for respiratory health? Data from the Austrian LEAD study.
Charmaine J. M. Lim (Vienna, Austria), Emiel F. M. Wouters, Sylvia Hartl, Marie-Kathrin Breyer, Robab Breyer-Kohansal

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The respiratory microbiota and serum metabolomics characteristics in different endotypes of asthma
Jin He (xi'an, China), Yun Liu

Predictors of placebo response in asthma attack rates: analysis from the ORACLE2 patient-level meta-analysis
Simon Couillard (Sherbrooke, Canada), Samuel Mailhot-Larouche, Joël St-Pierre, Fleur L Meulmeester, Sanjay Ramakrishnan, Michael E Wechsler, Guy Brusselle, Jonathan Corren, Sarah E Diver, Christopher E Brightling, Mario Castro, Nicola A Hanania, David J Jackson, Neil Martin, Deborah Clarke, Alison Moore, Megan E Hardin, Cecile T.J. Holweg, Allu Subhashini, Timothy S.C. Hinks, Mark Holliday, Richard W Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord

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Impact of oxidative stress in bronchial asthma as measured by serum derivatives of reactive oxygen metabolites and biological antioxidant potential
Keitaro Nakamoto (Tokyo, Japan), Masato Watanabe, Masaoki Saito, Keisuke Kasuga, Chika Miyaoka, Yuki Yoshida, Fumi Kobayashi, Hiroki Nunokawa, Jumpei Aso, Yasuo Nakamoto, Manabu Ishida, Mitsuru Sada, Kojiro Honda, Saori Takata, Takeshi Saraya, Masafumi Shimoda, Yoshiaki Tanaka, Mikio Saotome, Ken Ohta, Haruyuki Ishii

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Volatile organic compounds in exhaled air for asthma management: impact of smoking.
Miguel Jimenez Gomez (Madrid (Madrid), Spain), Carlos Melero-Moreno, María Ángeles Muñoz-Lucas, Irina Bobolea, Andrea Trisán-Alonso, Carolina Cisneros-Serrano, José Javier Jareño-Esteban, Luis Miguel Callol-Sánchez, Rocío García-García, Antolín López-Viña, Adrián Peláez-Laderas, Rocío Magdalena Díaz-Campos

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Role of metalloproteases in the era of chronic respiratory diseases (CRDs) modern targeted care
Gianmarco Putti (Assago, Italy), Fabrizio Paolo Mastrangelo, Margherita Carnevale Schianca, Leonardo Terranova, Maura Spotti, Marco Mantero, Andrea Gramegna, Francesco Blasi

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Genetic polymorphisms associated with persistent airway hyperresponsiveness in well-controlled asthma
Taisuke Akamatsu (Shizuoka, Japan), Keita Hirai, Toshihiro Shirai

Association between lipid accumulation products and asthma among adults: a nationwide cross-sectional study
Qian Zhang (Changzhou (Jiangsu), China), Chuang Sun

Eosinophil-derived neurotoxin levels in clinical asthma phenotypes
Saliha Selin Özuygur Ermis (Gothenburg, Sweden), Carina Malmhäll, Magnus P. Borres, Daniil Lisik, Reshed Abohalaka, Selin Ercan, Göran Wennergren, Linda Ekerljung, Madeleine Rådinger, Hannu Kankaanranta, Bright I. Bright I. Nwaru

Unveiling endotypic and functional differences between eosinophilic COPD and severe asthma
Marianna Cicchetti (Matera, Italy), Eustachio Ricciardi, Rossella Novielli, Marta Tornesello, Giovanni Sanasi, Maria Rosaria Vulpi, Fabrizio Diaferia, Carla Santomasi, Valentina Di Lecce, Ruben Infantino, Vitaliano Nicola Quaranta, Andrea Portacci, Silvano Dragonieri, Giovanna Elisiana Carpagnano

Oxidative Stress and Asthma Control: A Biomarker Analysis
alexandra bianca repciuc (iasi, Romania), Oana Elena Melinte, Mona Elisabeta Dobrin, Vlad Daniel Bejan, Antigona Carmen Trofor

Inflammatory phenotypes in the exhaled breath of children with severe asthma
Doris Primrose (Martinez Buenos Aires, Argentina), Magdalena Vocos, Gimena Donth Leger, Marcela Roque, Carlos Velasco Suarez, Andrea Dugour, Fernanda Elías, Gabriela Peláez, Verónica Giubergia, Belen Lucero, Veronica Aguerre, Juan Manuel Figueroa

Distal airway inflammation is linked to small airway disease in asthma
Hà Pham Ngoc (Paris, France), Thông Hua-Huy, Nhât-Nam Lê-Dông, Frédérique Aubourg, Stéphanie Habib-Maillard, Clémence Martin, Isabelle Honoré, Nicolas Roche, Anh Tuan Dinh-Xuan

Appearances can be deceiving: differences in FeNO values among COPD and severe asthmatic patients stratified according to peripheral eosinophilic count.
Claudio Candia (Naples, Italy), Claudia Merola, Silvestro Ennio D'Anna, Antonio Iovine, Arcangela Di Domenico, Salvatore Fuschillo, Francesco Cappello, Andrea Motta, Mauro Maniscalco

Type 2 inflammation associated with fixed airflow obstruction, bronchodilator responsiveness, and allergic sensitisation in mild to moderate asthma.
Alex Mann (Lond, United Kingdom), Aruna T Bansal, Melissa Bevan, Aristotle Bancale, Laura Wajtowitz, Vito Erasmo Cassandro, Alex Lima, Rachna Goburdhun, Christine Topham, Mona Bafadhel

Type 2 biomarker guided management of exacerbations in severe asthma patients
Helena Cummings (Hull, United Kingdom), Dominic Sykes, Shoaib Faruqi, Michael Crooks, Charlotte Riches, Kylie Overton, Mandy Robinson

Does FENO correlate with broncho reversibility in suspected asthmatics?
Elliot Taylor (Bolton, United Kingdom), Emily Dickinson, Rajesh Yadavilli

Asthma Phenotypes in Adults: A Comparative Study of Rural and Urban Populations in Northern India
Ravi Shekhar Jha (Gurgaon (Haryana), India), Ishita Gupta

Describing subtypes of asthma in a community spirometry service
Devon Ward (Liverpool, United Kingdom), Timothy Ho, Rachel Burton, Fred Fyles, Maria Puthoor, Seher Zaidi, Hassan Burhan

PS-25 Session 08:00 - 09:30

Poster session: Exercise interventions in chronic respiratory diseases

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Respiratory critical care | Thoracic oncology

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Public health | Pulmonary function testing | Respiratory intensive care

Chairs : Elena Gimeno-Santos (Barcelona, Spain), Chair to be confirmed

Outpatient pulmonary rehabilitation only once a week for patients with COPD: A prospective cohort study
Akira Tamaki (Kobe, Japan), Yohei Kubori, Yuji Yasuda

The effect of supplemental oxygen on tissue oxygen saturation during exercise in patients with Interstitial Lung Disease
Ryusei Yamamoto (Hamamatsu, Japan), Shinichi Arizono, Yuichi Tawara, Tomoya Yamaguchi, Tomoya Omura, Kaho Sato, Yurina Yokoyama, Katsuya Yamauchi, Takahumi Suda

Short- and long-term response and baseline association to pulmonary rehabilitation in 1,539 COPD patients
Isis Van Raemdonck (Berchem, Belgium), Yara Vanuytrecht, Janne Van Waterschoot, Dirk Vissers, Thérèse Lapperre, Henrik Hansen

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A randomized placebo-controlled trial on the effects of supplemental oxygen therapy during cycle endurance test in patients with COPD
Erik Willems (St.Gallen, Switzerland), Spencer Rezek, Swantje Beyer, Mona Lichtblau, Martijn Spruit, Silvia Ulrich, Stéphanie Saxer

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Effects of clinical pilates program on exercise capacity, respiratory function, and quality of life in patients with interstitial lung disease (ILD)
Seda Karaca (Rize, Turkey)

The minimal clinically important difference in physical activity among people with asthma
Fabiano de Lima (São Paulo, Brazil), Juliana Dos Santos, Rosana Agondi, David Pinheiro, Yan De Oliveira, Regina Carvalho-Pinto, Celso Ricardo Fernandes Carvalho

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An updated systematic review on telemedicine-based exercise interventions for people with cystic fibrosis
Cigdem Emirza Cilbir (Ankara, Turkey), Ben Bowhay, Manon Kinaupenne, Owen William Tomlinson

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Usual-care interval exercise training following lung transplantation: a quasi-experimental study.
Monique Messaggi Sartor (Barcelona, Spain), Marta Amor-Barbosa, Ana Mora-Cabañero, Cristina De Fuentes-Miret, Fernanda Salazar-Pérez, Vanesa Dávalos-Yerovi, Marcio Vinicius Fagundes-Donadio, Alba Gomez-Garrido

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Home-based Inspiratory muscle training program in patients with Maroteaux-Lamy syndrome (rare disease): randomized clinical trial
Bárbara Bernardo Figueirêdo (Petrolina, Brazil), Cyda Reinaux, Juliana Fernandes, Daiara Xavier, Harrison Euller, Helen Fuzari, Taylline Gusmão, Giovanna Cavalcanti, Antonio Sarmento, Paulo Magalhães, Armèle Dornelas De Andrade

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The relationship between upper extremity endurance and exercise capacity, respiratory muscle strength, and patient clinic in patients with chronic obstructive pulmonary disease: preliminary results
Begum Unlu (Istanbul, Turkey), Esra Arslan, Esra Yazar, Aysel Yıldız Özer

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A home-based, multimodal therapy program for better quality of life in COPD patients with Alpha-1 antitrypsin deficiency (AATD) – A PROMISing approach for use in practice.
Inga Jarosch (Schönau am Königssee, Germany), Tessa Schneeberger, Rainer Gloeckl, Sabrina Hasenknopf, Thomas Schmiediche, Silke Benedix, Nora Waßmuth, Ariane Lerch, Andreas Rembert Koczulla

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Effects of home-based exercise in lung, head and neck cancer: a RCT
Karina Souza (Presidente Prudente, Brazil), Isis Grigoletto, Paloma Borges, Matheus Pedroso, Isabela Duarte, Karina Pozo, Fabiano Francisco De Lima, Carlos Augusto Marçal Camillo, Nara Ielo, Vinicius Cavalheri, Ercy Mara Cipulo Ramos

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The effects of upper-extremity high-intensity interval exercise training on maximal exercise capacity, muscle oxygenation, dyspnea and fatigue in patients with interstitial lung diseases
Nazire Nur Yıldız (Niğde, Turkey), Meral Boşnak Güçlü, Riad Bejta, Nilgün Yılmaz Demirci

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Fidelity, feasibility and patient-reported effects after 3-months of breathing training in asthma: an implementation study
Karen Hjerrild Andreasson (Næstved, Denmark), Uffe Bodtger, Cecilie Lindström Egholm, Hanne Rasmussen, Anne Dalhoff Pedersen, Søren Thorgaard Skou

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OTAGO EXERCISE IN ELDERLY COPD PATIENTS :A pilot study
Ayşenur Yilmaz (Denizli, Turkey), Mukaddes Kılınç, Nazlı Çetin, Göksel Altınışık Ergur

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Functional or traditional? Investigating acute effects of inspiratory muscle training on muscle oxygenation
Betül Kuz (ANKARA, Turkey), Mustafa Ertuğrul Yaşa, Büşra Nur Fındık, Yakup Arslan

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Efficacy of interactive videogame therapy in patients with interstitial lung disease
Özge Ertan Harputlu (İstanbul, Turkey), Melike Sarıtaş Arslan, Aysel Yıldız Özer, Goksen Kuran Aslan, Züleyha Bingöl, Gülfer Okumuş

Effects of elastic tape on pulmonary rehabilitation in COPD: An RCT
Juliana M. B. Santos (São Paulo, Brazil), Thiago F. Pinto, Estefane C. M. Reis, Cibele C. B. Marques Da Silva, Fabiano F. De Lima, Regina M. Carvalho-Pinto, Celso R. F. Carvalho

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The effects of breathing exercises and postural exercises via telerehabilitation on respiratory parameters, posture, and quality of life in young adults with asthma.
Irmak Sıla Çetinel (İstanbul, Turkey), Beyda Ceyran, Elmas Teker, Elif Develi, Eda Urhun

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Comparison of the effects of inspiratory muscle training with trigger system modification and external device in mechanically ventilated patients
Mehmet Burak Uyaroglu (İSTANBUL, Turkey), Esra Pehlivan, Hasan Kocoglu, Hatice Kutbay Özcelik

PS-4 Session 08:00 - 09:30

Poster session: New insights: the physiology of airflow obstruction

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Physiology Pulmonary function testing Pulmonary rehabilitation Epidemiology Imaging Public health

Chairs : Maximillian Thomas (Birmingham, United Kingdom), Chair to be confirmed

Predicting real-world minute ventilation in COPD using field walking tests
Aslihan Cakmak-Onal (Ankara, Turkey), Joren Buekers, Sophie Kittmann, Guillermo Villanueva, Alícia Josa-Culleré, Ioar Rivas, Elena Gimeno-Santos, Mariona Font, Judith Garcia-Aymerich, Sarah Koch

In-phase chest wall vibration improves exercise tolerance and physiology in COPD
Dylan Creane (Bray, Ireland), Miriam Savage, Anthony Pierce, Chris Simpson, Eimear O'Brien, Jane Dickson, Seamus Linnane

Hyperinflation predicts incremental shuttle walk distance in COPD
Meera Srinivasan (Canberra, Australia), David Touma, Kaj Blokland, Katrina Tonga, David Chapman, Gregory King

Contrasting GOLD and STAR classifications of spirometric COPD severity: relationship with clinical exercise testing outcomes
Danilo C Berton (Porto Alegre (RS), Brazil), Abed Hijleh, Fernanda O B Silva, Matthew James, Sandra Vincent, Nicolle Domnik, Denis O'Donnell, J Alberto Neder

Structural and functional abnormalities in pulmonary gas exchange efficiency at rest and exercise in mild COPD: a Phase-Resolved Functional Lung (PREFUL)-MRI study
Matthew D. James (Kingston (ON), Canada), Andreas Voskrebenzev, Filip Klimeš, Sandra G. Vincent, Reggie Smyth, John Mccleary, Guilherme Back, Alessandro Porcella, Sebastian Rodriguez-Llamazares, Amirali Mahpour, Nicolle J. Domnik, Marina Pourafkari, Miranda Kirby, William Stringer, Janos Porszasz, Denis E. O'Donnell, Jens Vogel-Claussen, J. Alberto Neder

FEV_3/FVC as a marker of disease severity and functional impairment in COPD
Chaima BRIKI (ariana, Tunisia), Khouloud Kchaou, Salma Bouslama, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine

Novel contrast-free CT perfusion for measuring perfusion defects in COPD and PE
Kris Nilsen (PRESTON, Australia), Nina Eikelis, Fouras Andreas, Sarath Raju, Nareth Punjabi, Charles Hatt, Trishul Siddharthan

Is FEV1 Q a good prognostic tool in COPD?
Salma Mokaddem Mohsen (Tunis, Tunisia), Hela Cherif, Ibtissem El Ghazzani, Amina Debbiche, Soumaya Debiche, Ferdaous Yangui, Mohamed Ridha Charfi

CPET Assessment: Which Test Provides the Best Insights for COPD and Heart Failure?
Juan Fco. Nieves Salceda (Oviedo, Spain), Marina Acebo Castro, Julia Herrero Huerta, Marta Iscar Urrutia, Claudia Mañana Valdes, Maria Rodil Riera, Paloma Fernandez Antuña, Rocio Lopez Amaro, Marta Maria Garcías Clemente

Using AI-techniques to assess dynamic mechanical-ventilatory constraints and exertional dyspnoea during CPET in the CanCOLD study
J. Alberto Neder (Kingston (ON), Canada), Abed Hijleh, Danilo Berton, Igor Neder-Serafini, Matthew James, Reginald Smyth, Sandra Vincent, Dennis Jensen, Nicolle Domnik, Devin Phillips, Denis E. O'Donnell

Prevalence and prognosis of CT lung pathology among adults meeting lung function reference population eligibility criteria: a CanCOLD study
Cole Bowerman (Kingston, Canada), David Yabar, Sophie Collins, Miranda Kirby, Nicolle Domnik, Devin B. Phillips, Benjamin Smith, Dennis Jensen, Jordan A. Guenette, Geoff Makysm, Michael K. Stickland, Wan Tan, Jean Bourbeau, Sanja Stanojevic

Appetite and longitudinal effects on weight and muscle function in COPD
Timothy O Jenkins (London, United Kingdom), Ayesha Syeda, Suhani Patel, George Edwards, Claire Nolan, Jane Canavan, Samantha Kon, Ruth Barker, Matthew Maddocks, William Man

Using breath-by-breath volumetric capnography to link gas exchange to exertional ventilatory efficiency in mild-moderate COPD
Matthew D. James (Kingston (ON), Canada), John Mccleary, Guilherme Back, Karam Alosta, Sandra G. Vincent, Reggie M. Smyth, Chu-Yi Wang, Sebastian Rodriguez-Llamazares, Amirali Mahpour, William Stringer, Janos Porszasz, Denis E. O'Donnell, J. Alberto Neder

Mechanical-ventilatory responses and exertional dyspnoea in ever-smokers at risk for COPD in CanCOLD: an AI-based study
Abed Hijleh (Kingston, Canada), Danilo C Berton, Igor Neder-Serafini, Reginald Smyth, Matthew James, Sandra Vincent, Nicolle Domnik, Devin Phillips, Denis E O'Donnell, J Alberto Neder

Respiratory EMG and dyspnea during exercise in COPD patients
Britt J. M. H. Dorssers (Maastricht, Netherlands), Jeannet M. Delbressine, Geert Morren, Bart Gerritse, Gregory Hilleren, Fabio Pradella, Eefje V. M. Janssen, Martijn A. Spruit, Anouk W. Vaes

Does FEV1/FVC STAR relate better to sensory-physiological responses to exercise than FEV1 z-scores in patients with COPD?
Danilo C Berton (Porto Alegre (RS), Brazil), Abed Hijleh, Fernanda Silva, Matthew James, Sandra Vincent, Nicolle Domnik, Denis E Donnell, J Alberto Neder

Impact of PRISm pattern in ventilatory and sensorial responses to exercise
Alice Scussel (Porto Alegre (RS), Brazil), Nathália Galvagni Rodrigues, Litiele Evelin Wagner, Amanda Calage Pinto, Artur Zanelatto Santos, Laura Correa De Barros Trombin, Fernanda Oliveira Baptista Da Silva, Filipe De Matos Sanchez, Marli Maria Knorst, James Dean, Dave Singh, Danilo Cortozi Berton

Diagnostic grade SHAP-prioritised machine learning for spirometry from high-dimensional qCT
Ollie Pitts (London, United Kingdom), Rosella Arcucci, Anand Shah, Alex Bell, Christopher Brightling, Dave Singh, Janwillem Kocks, Leonardo Fabbri, Alberto Papi, Klaus Rabe, Maarten Van Den Berge, Monica Kraft, Salman Siddiqui

Detection of local ventilation defects using xenon-enhanced dynamic dual-energy CT
Emma Verelst (Brussel, Belgium), Sylvia Verbanck, Gert Van Gompel, Nico Buls, Sam Bayat

A novel approach to differentiate obstructive lung disease from health.
Sanja Stanojevic (Halifax (NS), Canada), David Yabar, Lauren Duggan, Sophie Collins, Miranda Kirby, Nicolle Domnik, Devin Phillips, Benjamin Smith, Dennis Jensen, Jordan Guenette, Geoff Makysm, Michael Stickland, Wan Tan, Jean Bourbeau

PS-40 Session 08:00 - 09:30

Poster session: Cryobiopsy

Disease(s) : Thoracic oncology | Interstitial lung diseases | Respiratory critical care | Airway diseases

Method(s) : Endoscopy and interventional pulmonology | Imaging

Chairs : Ales Rozman (Golnik, Slovenia), Francesca Conway (London, United Kingdom)

Transbronchial mediastinal cryobiopsy guided by endobronchial ultrasonography: case series of 234 cases
Mario García García (Málaga, Spain), Jessica Martinez Molina, Esperanza Salcedo Lobera

Endobronchial ultrasound guided transbronchial mediastinal cryobiopsy in the diagnosis of mediastinal lesions:an experience of 202 cases from a tertiary care hospital
Viswesvaran B (Hyderabad (Telangana), India), Chinnu Sasikumar, Ramya Malipeddi Reddy, Pankti Sheth

Enhanced diagnostic yield of cryo-EBUS versus EBUS-TBNA in non-lung cancer thoracic disease
Adriana Dias (Braga, Portugal), Matilde Almeida, Paulo Matos, Michele Santis, Luís Rodrigues, Lourdes Barradas

Clinical utility of CRYO-EBUS in diagnosis of inflammatory diseases and neoplasms.
Andrea Vera Pila (Azuaga, Spain), Irene Pacheco Carrillo, Teresa Mascarell Roda, Jesús Vázquez Domínguez, Javier Gallego Borrego, Nuria Reyes Núñez

Augmenting diagnostic yield of EBUS with combination of transbronchial mediastinal cryobiopsy (TMC) and transbronchial needle aspiration (TBNA)
Chandragiri Pranay sai (WARANGAL, India), Karan Madan, Anant Mohan, Vijay Hadda, Saurabh Mittal, Pawan Tiwari, Aruna Nambirajan, Ashu Bhalla

Practical application of radiological criteria to select patients undergoing cryo-EBUS
Francesco Todisco (Grottaglie, Italy), Filippo Patrucco, Luca Riberi, Aleksandar Veljkovic, Letizia Valsecchi, Giancarlo Vallese, Paola Rebecca Iovine, Martina Ubaldi, Giuseppe Ielo, Davide Indellicati, Massimo Comune

Cryo-EBUS vs. EBUS-TBNA: Raising the Bar in Thoracic Sampling
Alessandro Capuano (Bari, Italy), Roberto Piro, Patrizia Ruggiero, Matteo Fontana, Laura Rossi, Eleonora Casalini, Sofia Taddei, Nicola Cosimo Facciolongo, Vitaliano Nicola Quaranta, Elisiana Giovanna Carpagnano

EBUS-TBMC: Technical Aspects and Diagnostic Yield in a selected cohort
Martina Ubaldi (Roma, Italy), Paola Rebecca Iovine, Giuseppe Ielo, Francesco Todisco, Giancarlo Vallese, Filippo Patrucco

Feasibility of transbronchial mediastinal cryobiopsy after EBUS-TBNA with Crown-Tip vs Single Bevel Needles
Alessandro Fusco (Latina, Italy), Luca Ciani, Leonardo Giuntoli, Valentina Luzzi, Marco Trigiani, Paolo Fandelli, Sara Tomassetti

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Endobronchial Ultrasound-Guided Cryobiopsy for Centrally Located Intrapulmonary Lesions
Toshiyuki Nakai (Osaka, Japan), Sayaka Tanaka, Yuri Oshima, Kentaro Ueno, Masaya Tsutsumi, Hiroaki Nagamine, Atsushi Miyamoto, Misako Nishimura, Yoshiya Matsumoto, Kanako Sato, Kazuhiro Yamada, Tetsuya Watanabe, Kazuhisa Asai, Yuji Matsumoto, Yu Mikami, Tomoya Kawaguchi

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Evaluation of Cryoprobe Biopsy In Diagnosis Of Endobronchial Tumors
Magdy Shohdy (Cairo, Egypt), Ahmed Abu Naglah, Ahmed Awis

Endobronchial cryobiopsy is superior to forceps biopsy in moleculargenetic characterization of non-small cell lung cancer
Jürgen Hetzel (Dusslingen, Germany), Irina Bonzheim, Bijoy Atique, Werner Spengler, Thorben Gross, Michael Boeckeler, Felix Everinghoff, Christoph Petermann, Kaid Darwiche, Ralf Eberhardt, Stefan Eisenmann, Markus Tiemann, Dirk Theegarten, Claudia Wickenhauser, Rainer Muche, Hans Boesmueller, Lars Zender, Falko Fend, Maik Haentschel

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Randomized study comparing diagnostic yield of cryo-EBB vs forceps EBB in suspected sarcoidosis
Ajmal Khan (Lucknow (Uttar Pradesh), India), Yash Jagdhari, Mansi Gupta, Alok Nath, Sushila Jaiswal, Prasanth Ap

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Diagnostic utility of endobronchial ultrasound guided – intrabronchial forceps biopsy (EBUS-IFB) in evaluation of mediastinal lymphadenopathy
Richu Kurien (Vellore, India), Priya N, Balamugesh Thangakunam, Barney Isaac, Thomas Alex Kodiatte, Reka Karuppusami

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The role of transbronchial lung cryobiopsy in the intensive care unit setting
Simone Petrarulo (Padova, Italy), Tommaso Zanaboni, Virginia Casadio, Giorgia Righini, Stefano Oldani, Sara Piciucchi, Alessandra Dubini, Claudia Ravaglia, Venerino Poletti

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Pediatric flexible transbronchial cryobiopsy using small size probe yield high diagnostic results
Signe Thim (Risskov, Denmark), Sune Rubak

Diagnostic Value of endobronchial ultrasound-guided between forceps biopsy and forceps biopsy combined with 1.1 mm. cryobiopsy in peripheral pulmonary lesions: A randomized control trial.
Thanabat Mahasaranon (Nonthaburi, Thailand), Anan Wattanathum, Asma Navasakulpong, Kulachat Ekpumimas

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Diagnostic yield between endobronchial ultrasound-guided combined with 1.1-mm cryoprobe and forceps biopsy for peripheral pulmonary lesion: A diagnostic trial
Jaturon Poovieng (Bangkok, Thailand), Kulachat Ekpumimas, Boonsub Sakboonyarat, Anan Wattanathum

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Ultrasound-assisted transthoracic cryobiopsy: An innovative technique for diagnosing lung masses
Sebastián Gando (Pilar (Prov. De Buenos Aires), Argentina), Cecilia La Piettra, Adriana Branda, Maria Angelica Saab, Desideria Quecaño Umiri, Roberto Miguel Dure

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Comparative analysis of the diagnostic efficacy and safety profile of semi-rigid pleuroscopic cryobiopsy versus forceps biopsy in patients with undiagnosed pleural effusion.
Salman Ayyaz (Multan, Pakistan)

PS-32 Session 08:00 - 09:30

Poster session: Differential diagnosis, characterisation and management of pulmonary nodules

Disease(s) : Thoracic oncology

Method(s) : Epidemiology Public health Imaging General respiratory patient care Cell and molecular biology Endoscopy and interventional pulmonology Surgery

Chairs : Torsten Gerriet Blum (Berlin, Germany), Roberto Chalela Rengifo (Barcelona, Spain)

Management of Pulmonary Nodules in Patients with Extrapulmonary Cancers
Daniela Gompelmann (Vienna, Austria), Berta Mosleh, Pavla Sarova, Helmut Prosch, Joachim Widder, Clemens Aigner, Marco Idzko, Mir Alireza Hoda

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Beyond tissue diagnosis: MDT-driven clinico-radiological models for pulmonary nodule risk and survival
Zaw Tun Aung (Macclesfield, United Kingdom), Nawazish Karim, Syed Mohammad, Rajini Sudhir, Sanjay Agrawal, Jonathan Bennett, Muhammad Majid

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Characteristics and Outcomes of Incidental Pulmonary Nodules Managed in the Respiratory-Discipline Pulmonary Nodule Clinic (2019-2024)
Li Yang (Chongqing, China), Min Ao, Weiyi Li, Xinyu Xiong

Pulmonary nodule burden in a tertiary centre in Melbourne: A snapshot before the Australian national lung cancer screening rollout
Chui Lyn Leong (Hobart (TAS), Australia), Kailey Tang, Ashleigh Hocking, Simon Knight, Tracy Leong

Evaluation of the Accuracy and Performance of Artificial Intelligence in Detecting Malignant Nodules in Chest X-Rays
Tugce Karamustafalioglu (Mersin, Turkey), Eylem Sercan Ozgur, Yuksel Balci, Sibel Nayci

Rationalising a pulmonary nodule pathway: a pragmatic approach through a clinical service
Georgia Hardavella (Athens, Greece), Ioannis Karampinis, Nikolaos Anastasiou, Konstantinos Stefanidis, Kyriaki Tavernaraki, Styliani Arapostathi, Nektaria Sidiropoulou, Petros Filippousis, Alexandro Patirelis, Eugenio Pompeo, Panagiotis Demertzis, Stefano Elia

Prevalence of Pulmonary Nodules and Masses Suspicious for Malignancy: A Retrospective Analysis of Chest Computed Tomography (CCT) in Ukrainian Patients
Kseniia Sekretna (Dnipro, Ukraine), Mykyta Kamarali, Anastasiia Kornieieva, Viktoriia Donchyk, Mariia Shpiro, Fedir Ovcharenko, Dmytro Tsykun, Oleh Horoshenko

Externally validated artificial intelligence models for lung cancer prediction on chest CT: A systematic review and meta-analysis
Oke Dimas Asmara (Leeuwarden, Netherlands), Eline G.M. Steenhuis, Kim De Jong, Anita Joseph, Marjan Timmer, Eric D. Tenda, E.C. Boerma, Marjolein A. Heuvelmans, Wouter H. Van Geffen

A plasma cell-free DNA methylation classifier for non-invasive lung nodule malignancy assessment
xin wang (Chengdu, China), Jiayi Li, Lingfeng Bi, Zhixi Su, Zhoufeng Wang, Weimin Li

The probability of malignancy in incidental pulmonary nodules according to the "Mayo Lung Calculator" and several lung cancer biomarkers.
Ana Rodríguez Cabrera (Huelva, Spain), Javier Romero Lopez, Alberto González Hernández, Sara González Gutierrez, Myriam Gandulfo Lara, Estefanía Vélez Menis, Antonio Pereira Vega

Aptamer-Based Multivariate Index Assay as a Diagnostic Aid for Lung Cancer Screening
Dong-Woo Han (Seoul, Republic of Korea), Dong Yeon Kim, Chang-Min Choi, Jung-Min Kim, Min-Young Yeo, Wonjun Ji

Refining predictive radiomics model to distinguish benign versus malignant lung nodules.
Logan Hostetter (Rochester, United States), Matt Biondi, Sam Falde, Shubang Bhatt, Alex Arumir, Dana Ellis, Brian Bartholmai, Clint Jokerst, Tobias Peikert, Srinivasan Rajagopalan, Cyril Varghese

Retrospective analysis of the characteristics of patients referred for nodule follow-up
Inês Filipa Casacão Estalagem (Seixal, Portugal), Ricardo Estêvão Gomes, Júlia Silva, Carlos Araújo, Sofia Quaresma, Matilde Ferreira De Almeida, Ana Claúdia Vieira, Miguel Lopes

General Practitioner direct access to CT chest: a model for service improvement
Elizabeth Thompson (London, United Kingdom), Selena Yang, Radhika Kumar, Maryam Jameal, Saira Parker-Deeks, Robert Palmer, Angshu Bhowmik

AI-based benchmark to test the potential of 3-photon excited fluorescence in intraoperative lung cancer detection with multiphoton microscopy
Siem de Jong (Nijmegen, Netherlands), Annick J. H. E. Van Der Kroef, Marie Louise Groot, Roel L. J. Verhoeven, Erik H. F. M. Van Der Heijden, Francesco Ciompi

PS-26 Session 08:00 - 09:30

Poster session: Enhancing respiratory health: the role of mind and muscle

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Pulmonary rehabilitation | Public health | General respiratory patient care | Pulmonary function testing | Physiology | Respiratory intensive care

Chairs : Wendy Darlene Reid (Toronto (ON), Canada), Chair to be confirmed

Low muscle strength is related with worse clinical outcomes in one year in people with bronchiectasis
Joice Mara Oliveira (Londrina, Brazil), Amber Smith, Vanessa Clark, Peter Gibson, Vanessa Mcdonald

Tissue Oxygen Saturation of the Quadriceps Muscle in Patients with Interstitial Lung Disease
Shinichi Arizono (Hamamatsu (Shizuoka), Japan), Ryusei Yamamoto, Yuichi Tawara, Tomoya Yamaguchi, Kaho Sato, Tomoya Omura, Takafumi Suda

Body composition and muscle function in bronchiectasis
Joice Mara Oliveira (Londrina, Brazil), Amber Smith, Vanessa Clark, Peter Gibson, Vanessa Mcdonald

Decrease in Muscle Thickness of the Quadriceps and Soleus Muscles in Critically Ill Patients
Shuhei Chiba (kakegawa city, Japan), Shinichi Arizono, Yuichi Tawara, Kazuhiro Kimpara, Ryuji Sugiya, Shota Sawai, Shunya Sakashita, Ryoya Shibamoto, Koji Watanabe, Satoru Matsushima, Kei Asada

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Muscle physiological response during exercise in people with severe COPD
Deniz Inal-Ince (Ankara, Turkey), Elif Kocaaga, Aslihan Cakmak-Onal, Duygu Aydin, Oguz Karcioglu

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PROGRESSION OF RESISTANCE TRAINING VOLUME IN COPD: A SECONDARY ANALYSIS
Jonas Westman (Umeå, Sweden), Erik Frykholm, Peter Klijn, Didier Saey, Hieronym W.H Van Hees, Per Stål, Sarah Marklund, Mickaël Martin, Thomas Sandström, Francois Maltais, André Nyberg

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Effects of exercise-based interventions on peripheral muscle fatigue in people with COPD: Systematic Review and Meta-Analysis
Simone Pancera (Leuven, Belgium), Riccardo Buraschi, Stefano Giuseppe Lazzarini, Paulien Mellaerts, Luca Nicola Cesare Bianchi, Massimiliano Gobbo, Thierry Troosters

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Peripheral muscle function in COPD: A two-year observational study
Simone Pancera (Leuven, Belgium), Heleen Demeyer, Paulien Mellaerts, Victoria Alcaraz-Serrano, Paula Alvarez, Claudia Armengol, Astrid Blondeel, Joren Buekers, Sara C Buttery, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Alícia Josa-Culleré, Anja Frei, Elena Gimeno-Santos, Nick Hopkinson, Emily Hume, Carl-Philipp Jansen, Anne Kirsten, Sarah Koch, Dimitrios Megaritis, Alexis Perkins, Keir Philip, Milo A Puhan, Lynn Rochester, Ioannis Vogiatzis, Henrik Watz, Parris Williams, Judith Garcia-Aymerich, Thierry Troosters

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Is cognitive function, disease severity or quality of life related to dual tasking in COPD?
Manjiri Kulkarni (Toronto, Canada), Megha Ibrahim Masthan, Ali Salman Al-Tamimi, Josh Shore, Paul W Davenport, Jennifer L Campos, W. Darlene Reid, Dmitry Rozenberg

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Comparison of cognitive skills, hand functions, and quality of life in elderly bronchiectasis patients with healthy peers
Hilal Denizoglu Külli (Istanbul, Turkey), Venhar Hilal Bas, Hikmet Ucgun, Meltem Kaya, Hamza Ogun

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The effectiveness of dual-task exercises in individuals with chronic obstructive pulmonary disease: preliminary results
Begum Unlu (Istanbul, Turkey), Aysel Yıldız Özer, Elif Yıldırım, Ipek Ozmen, Mine Gulden Polat

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Relationship between clinical parameters, cognitive functions and dual task performance in patients with COPD
Begum Unlu (Istanbul, Turkey), Aysel Yıldız Ozer, Elif Yıldırım, Ipek Ozmen, Mine Gulden Polat

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Associations of cognitive and quadriceps function in persons with COPD: a preliminary cross-sectional analysis
Dries Cops (Hasselt, Belgium), Johan Jakobsson, Jonas Westman, Thomas Sandström, Marc Daenen, David Ruttens, Jana De Brandt, André Nyberg, Chris Burtin

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Effects of adding neuromuscular electrical stimulation for quadriceps femoris and triceps surae muscles to pulmonary rehabilitation in patients with COPD: randomized clinical trial.
Loïc Peran (Morlaix, France), Anne Cécile Berriet, Catherine Leber, Eloïse Philippe, Emmanuelle Courtois-Communier, Maëlys Leroy, Francis Couturaud, Marc Beaumont

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Relationship between peripheral muscle strength and cardiorespiratory fitness in advanced asthma
Aydan Asli Aksel Uylar (Ankara, Turkey), Melek Cihanbeylerden, Merve Firat, Melda Saglam, Ebru Damadoglu, Naciye Vardar Yagli

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Investigation of the relationship between peripheral and swallowing muscles strength in COPD
Ayşe Kübra SÖYLER (Aydın, Turkey), Şenay Demir Yazici

Correlation of the body weight–walking distance with health-related quality of life in patients with COPD: A comparative study with the 6-minute walk distance
Ridvan Aktan (Balcova (İzmir), Turkey), Sevgi Özalevli, Aylin Özgen Alpaydın

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The relationship between disease severity and mortality risk in critical care patients with respiratory muscle strength, muscle biomechanical properties and muscle architecture
Beyza Tanriogen (İstanbul, Turkey), Yunus Emre Tutuneken, Kubra Kardes, Elif Kabasakal, Hakan Parlak, Nurgul Durustkan Elbasi, Gul Deniz Yilmaz Yelvar

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An investigation of posture and trunk movement and kinematics in patients with COPD.
aynur demirel (ankara, Turkey), Oguz Karcioglu, Hidaye Yamikan, Irem Seleoglu

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Changes in Muscle Oxygenation, Strength, and Functional Capacity in Patients Hospitalized for COPD Exacerbation
Gülhan Yilmaz Gökmen (İstanbul, Turkey), Canan Demir, Dilber Durmaz

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PS-24 Session 08:00 - 09:30

Poster session: Thoracic highlights

Disease(s) : Thoracic oncology | Respiratory critical care | Airway diseases | Pulmonary vascular diseases

Method(s) : Surgery | Imaging | General respiratory patient care | Pulmonary rehabilitation | Palliative care | Endoscopy and interventional pulmonology | Public health

Chairs : Sara Ricciardi (Rome, Italy), Chair to be confirmed

Surgical approaches in the treatment of spontaneous pneumothorax
Ioannis Karampinis (Athens, Greece), Georgia Hardavella, Ioannis Kyritsis, Antonios Katsipoulakis, Nikolaos Anastasiou

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Knowledge and Awareness of AI Applications in Pulmonary Health Among Chest Diseases and Thoracic Surgery Physicians
Neslihan Özçelik (Rize, Turkey), Gizem Özçıbık Işık, Hasan Volkan Kara

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EFFECT OF THORACIC JOINT MOBILIZATION AFTER POSTEROLATERAL THORACOTOMY ON RESPIRATORY FUNCTION
Neriman Temel Aksu (Antalya, Turkey), Hakan Keskin

Evaluation of the effect of neurophysiological facilitation techniques after open heart surgery
feyza merakli (Istanbul, Turkey), Yasemin Buran Cirak

Surgical management and approaches to bilateral lung tumors in Uganda.
Treasure Ibingira (kampala, Uganda), Irene Najjingo, Grace Soka, Margaret Mbabazi, Faezeh Afsari, Immaculate Nankya, Robert Lukande, Harriet Kisembo, Simon Kasasa, James Hale, Fredrick Schumacher, Esther Ngadaya, Sayoki G. Mfinanga, Bruce Kirenga, Stanton Gerson

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Twice as effective? Redo Pressurized Intra-Thoracic Aerosol Chemotherapy for pleural mesothelioma
raffaele guerrieri (pisa, Italy), Maria Giovanna Mastromarino, Elena Guerrini, Gianmarco Elia, Alessandra Lenzini, Stylianos Korasidis, Vittorio Aprile, Greta Alì, Marcello Carlo Ambrogi, Marco Lucchi

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Clinical outcomes of unisurgeon video-assisted thoracoscopic lobectomy: A single-center retrospective study
Güntuğ Batıhan (Çanakkale, Turkey)

Surgical Management of Pulmonary Cystic Adenoid Malformations: A 2011-2024 Retrospective Review of Late Diagnoses
Aymen Labidi (tunis, Tunisia), Amima Abdelkbir, Hazem Zribi, Imen Bouacida, Mahdi Abdennadher, Sarra Zairi, Adel Marghli

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Pregnancy-associated lung cancer: a clinical challenge and a dilemma
Kalliopi Athanassiadi (Athens, Greece), Eleftheria Mizi, Ioanna Sigala, Konstantinos Eleftheriou, Aikaterini Katsandri, Theodoros Tegos

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Case series: Our Experience of 3D printed stents for Benign Airway Conditions
Aisling Murphy (Dublin, Ireland), James O'Connor, Karen Redmond, Joseph Lula Lukadi

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Surgical management of pulmonary arteriovenous malformations: A case series and review of treatment strategies
Wifek Saidani (Ariana, Tunisia), Amina Abdelkebir, Hazem Zribi, Mehdi Abdennadher, Jawhar Souilhi, Sarra Zairi, Adel Marghli

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PCA – Patient controlled anaesthesia in thoracic surgery; offering a multifactorial approach
Ioannis Karampinis (Athens, Greece), Georgia Hardavella, Ioannis Kyritsis, Antonios Katsipoulakis, Nikolaos Anastasiou

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Benign costal lesions: should we always remove?
Sarra Zairi (Tunis, Tunisia), Majd Saoudi, Mariem Hadj Dahmen, Amina Abdelkbir, Emna Brahem, Sonia Ouerghi, Hazem Zribi, Aida Ayadi, Taher Mestiri, Adel Marghli

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Atypical Extension of Severe Mediastinitis to the Chest Wall
Mouad Gourti (Agadir, Morocco), Mohammed Hachmi, Fz Ammor, Imane Lefqih, Mouhssin Makloul, Elmehdi Maidi

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Uniportal VATS (UVATS) for Mediastinitis
Sebastiano Di Stefano (Catania, Italy), Marco Carmelo Guarnera, Simone Scalia, Maria Clara Guarnera, Ainis Pirtnieks, Waleed Saleh, Kaleed Al Khattan, Marcello Migliore

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Surgical Management of Pulmonary Metastases from Colorectal Adenocarcinoma: Outcomes and Clinicopathological Insights
Majd Saoudi (tunis, Tunisia), Sarra Zairi, Maryem Haj Dahmen, Amina Abdelkbir, Emna Brahem, Sonia Ouerghi, Hazem Zribi, Aida Ayedi, Taher Mestiri, Adel Merghli

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Lung resection in patients with pulmonary arteriovenous malformations
Feriel Souissi (Tunis, Tunisia), Mahdi Abdennadher, Sabrine Louhaichi, Amina Abdelkebir, Saoussen Hantous, Sonia Ouerghi, Hazem Zribi, Adel Marghli

Safety and feasibility of uniportal VATS for lung metastasectomy and mediastinal lymph node sampling, a single center experience
Abdullah Bahadi (Riyadh, Saudi Arabia), Asser Mohamed, Turki Alharbi, Nizar Alhutaylah, Wael Ahmed, Mahmoud Hashim, Ayman Arbaeen, Amal Abdulhaq, Turki Alhawiti, Hasan Robaidi, Waleed Saleh, Khaled Alkattan, Marcello Migliore

Special Findings of Thoracic Surgery in Patients with a History of Tuberculosis.
Aysel Aslanova (Baku, Azerbaijan), Irada Akhundova, Gulzar Alieva, Agca Abbasova, Barat Bayramov

Secondary tumors of the chest wall : about 16 cases.
MANSOUR FEKKAK, Achour Boussafsaf

PS-7 Session 08:00 - 09:30

Poster session: Advances in in vitro systems for understanding and treating pulmonary disease

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Endoscopy and interventional pulmonology | Physiology

Chairs : Anne M. van der Does (Leiden, Netherlands), Antonella Dost (Utrecht, Netherlands)

Contact-compression induces inflammatory and remodeling responses in bronchial epithelial cells
Akash Gupta (Groningen, Netherlands), Janette. K Burgess, Dirk-Jan Slebos, Simon. D Pouwels

Modeling emphysematous-tissue related cellular subsets for future use in advanced cell culture models
Philip Jalink (Leiden, Netherlands), Charlotte J.N. Ovaa, Eric D.L. Muré, Pieter S. Hiemstra, Irene Heijink, Anne M. Van Der Does

Removal capacity of activated neutrophils by polymyxin B immobilized fiber (PMX) column
Yohei Miyamoto (Tokyo, Japan), Ayuka Suzuki, Hiroki Otsuka, Ryosuke Kobayashi, Yumiko Sekiya, Yoko Koga, Hiroyuki Meguro, Nobuo Ida, Yuta Takashima, Makiko Miyata

Elastase-treated precision cut lung slices - a novel model to test pirfenidone repurposing for COPD exacerbations
Belinda Thomas (Melbourne (VIC), Australia), Julia Chitty, Azaan Ali, Philip Bardin, Jane Bourke

Impedance-based assay as an alternative strategy to measure airway smooth muscle contraction
Yassine Amrani (Leicester (Leicestershire), United Kingdom), Mohamad Chebbo, Claire Hollins, Luke Bonser, Josquin Nys, Suzanne Cohen

Downregulation of inflammatory miRNAs in Cystic Fibrosis by novel drug-delivery systems
piera soccio (Foggia (FG), Italy), Annalucia Carbone, Pasquale Tondo, Giulia Scioscia, Sante Di Gioia, Maria Pia Foschino Barbaro, Emanuela Fabiola Craparo, Sofia Bonsignore, Cinzia Scialabba, Gennara Cavallaro, Pamela Vitullo, Massimo Conese, Donato Lacedonia

The usefulness of flow cytometry bronchoalveolar lavage fluid cellular profile analysis in differentiating patients with interstitial lung changes.
Elżbieta Rutkowska (Warsaw, Poland), Iwona Kwiecień, Agata Raniszewska, Izabela Toczyska, Karina Jahnz-Różyk, Piotr Rzepecki

Neonatal lung dysbiosis models to investigate mucosal allergic priming
Kirby Frank (Lausanne, Switzerland), Ines Di Resta, Apiha Shanmuganathan, Aurelien Trompette, Christophe Von Garnier, Niki Ubags

Characterization of an anti-CTGF mAb in mouse Precision Cut Lung Slices (PCLSs) as an ex vivo tool for the evaluation of different MoAs
Carmelina Di Pasquale (Parma, Italy), Caterina Amato, Annalisa Murgo, Fabrizio Facchinetti, Gino Villetti

Scalable 3D-Bioprinted induced pluripotent stem cell-derived alveolar epithelial type 2 cell (iAT2) spheroids
Cormac Murphy (Dublin, Ireland), Anja Schweikert, Amy Duffy, Xi Jing Teoh, Spandana Koitan, Mari Ozaki, Killian Hurley

Tissue engineering is required to predict the influence of perfluorocarbon exposure in the human airways.
Eugenio Roscioli (Adelaide (SA), Australia), Shawn Liu, Filbert Christone

Enabling airway regenerative medicine with enhanced primary basal cell culture
Jessica Orr (London, United Kingdom), Andrew Farr, Elizabeth Haughey, Niamh Mccarthy, Maral Rouhani, Charlotte Percival, David Pearce, Chun Hang Lau, Yuki Ishii, Christopher O'Callaghan, Sam Janes, Robert Hynds

LSC - 2025 - Enhanced cell culture medium improves airway epithelial cell transplantation and allows the generatio n of clonally derived disease models.
Jessica Orr (London, United Kingdom), Elizabeth Haughey, Andrew Farr, Niamh Mccarthy, Maral Rouhani, Charlotte Percival, David Pearce, Joshua Searle, Chun Lau, Yuki Ishii, Christopher O'Callaghan, Sam Janes, Robert Hynds

Identification of suitable sputum processing methods for robust downstream biomarker analysis in bronchiectasis
RUI WANG (Cambridge, United States), Cuixia Pan, Xinyan Miao, Nan Ni, Ruby Tang, Jeremy Fu, Cecilia Deantonio, Willy Roque Barboza, Benjamin Suratt, Lei Tang, Weijie Guan

Therapeutic Potential of MSCs in ARDS/Sepsis and Immunomodulatory Effects on Immune Cells
Rui Shi (Galway, Ireland), Masterson Claire, Bairbre Mcnicholas, John Laffey, Petra Bryda, Daniel Fuller, Daniel Patrick

Nature of the initial aggression differentially alters alveolar macrophage phagocytic function in an human in vitro model
Emilie Vernay (Lyon, France), Elisabeth Cerrato, François Santinon, Anne-Claire Lukaszewicz, Jean-François Llitjos

Matrix Stiffness Promotes Cigarette Smoke-induced Pro-inflammatory Secretion in Small Airway Epithelial Cells via PIEZO1 Activation
Jun Chen (Chengdu, China), Yutian Zhang, Bi Ran, Tao Wang, Fuqiang Wen

Optimisation of a novel single cell transcriptomic platform utilising cryopreservation of bronchial mucosal cells in asthma
Harold Wilson-Morkeh (London, United Kingdom), William T Fulton, Julia Aniscenko, Tata Kebadze, Janice A Layhadi, Beverly Kowlessar, Eva Fiorenzo, Maria F Prendecki, Michael R Edwards, Sebastian L Johnston, Mohamed H Shamji, Salman Siddiqui

PS-19 Session 08:00 - 09:30

Poster session: Role of pollution, pollen and microbiota in respiratory diseases

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology Public health Pulmonary function testing Cell and molecular biology General respiratory patient care

Impact of Household Pesticide Exposure on Respiratory Disease Mortality in Adults: A Prospective Cohort Study
Min Li (Kunming, China), Wenye Zhu, Huang Luo

Associations of long-term exposure to air pollution and greenness with COVID-19 prevalence in Northern Europe
Shanshan Xu (Bergen, Norway), Alessandro Marcon, Randi Jacobsen Bertelsen, Bryndis Benediktsdottir, Jørgen Brandt, Lise Marie Frohn, Camilla Geels, Thorarinn Gislason, Joachim Heinrich, Mathias Holm, Christer Janson, Iana Markevych, Lars Modig, Hans Orru, Vivi Schlünssen, Torben Sigsgaard, Ane Johannessen

Association of prenatal and postnatal coal mine fire PM2.5 exposure with childhood airway inflammation: a prospective cohort study
Bibian Wijs (Amsterdam, Netherlands), Caroline Gao, Myriam Ziou, Evelien Graven, Graham Hall, Marita Dalton, Shyamali Dharmage, Michael Abramson, Emily Leaman, Graeme Zosky, Fay Johnston, Lieke Scheepers

Early effects of short-term exposure to air pollution on the respiratory function in healthy children
Hanne Hendrickx (Antwerp, Belgium), Annelies Van Eyck, Kristien Wouters, Julie Degraeve, Kevin Lamote, Roeland Samson, Stijn Verhulst

Trends in the Global Burden of COPD from 1990 to 2021: The Pivotal Influence of Air Pollution
Min Zhang (, China), Hang Su

Microbiological contamination of indoor air in primary schools and respiratory effects on children
Valentina Lazzara (Palermo, Italy), Giusy Daniela Albano, Velia Malizia, Pietro Alfano, Rosalia Paola Gagliardo, Andrea Perri, Omar Shatarat, Anna Bonomolo, Stefania La Grutta, Vito Muggeo, Elisabetta Pace

Short-term impact of air pollution exposure on emergency room and hospital admissions in the Veneto Region, Northern Italy (2008-2022)
Anaam Arif (Jhang, Pakistan), Francesca Locatelli, Sofia Tagliaferro, Lorenzo Di Spazio, Francesco Domenichini, Ugo Fedeli, Nicola Gennaro, Pierpaolo Marchetti, Alessandro Marcon

Translational approaches to mitigate smog-induced respiratory diseases in children
Saeed Ahmad (Tampere, Finland), Fakhra Ikhlaq

Efficacy of an intervention for improving indoor air quality in schools
Sandra Baldacci (Pisa (PI), Italy), Ilaria Stanisci, Giuseppe Sarno, Anna Angino, Patrizia Silvi, Sofia Tagliaferro, Giovanni Viegi, Sara Maio

Prenatal or postnatal PM2.5 exposure from a coalmine fire and long term lung function assesed by oscillometry and spirometry.
Evelien Graven (Amsterdam, Netherlands), Caroline Gao, Myriam Ziou, Bibian Wijs, Marita Dalton, Graham Hall, Graeme Zosky, Fay Johnston, Lieke Scheepers

Public health impact of livestock-related air pollution: policy making supported by an endotoxin assessment framework
Inge Wouters (Utrecht, Netherlands), Lloyd Roga, Manon Vaal, Jennie Odink, Myrna De Rooij

Blood lead concentrations and lung function in young adults
Mohammad Talaei Pashiri (London, United Kingdom), Alex Griffiths, Alexis Karamanos, Ovnair Sepai, J Kennedy Cruickshank, Seeromanie Harding, Seif O. Shaheen

Exploring the Role of Farm-Like Indoor Microbiota in Asthma Risk Reduction in Urban Homes
Christina Tischer (München, Germany), Martin Täubel, Anne M Karvonen, Gunda Herberth, Joachim Heinrich, Elisabeth Thiering, Juha Pekkanen, Pirkka V Kirjavainen

Trust your gut: Are gut microbial species associated with asthma?
Suneela Zaigham (Malmö, Sweden), Ulf Hammar, Martin Färdig, Nils Oskar Jögi, Marju Orho-Melander, Johan Ärnlöv, Tove Fall, Andrei Malinovschi

Airborne microbiome in relation to asthma and chronic rhinosinusitis 10 years later
Christine Cramer (Aarhus, Denmark), Hesham Amin, Christer Janson, Ane Johannessen, Rain Jõgi, Tejs Ehlers Klug, Henrik Albert Kolstad, Ian Marshall, Tina Santl-Temkiv, Torben Sigsgaard, Randi Jacobsen Bertelsen, Vivi Schlünssen

Is it the Cigarette or the Kitchen? Gender-Based Differences in COPD Diagnosis in a Lower-Middle-Income Country
Taymmia Ejaz (Islamabad, Pakistan), Muhammad Irfan

Impact of Pollen Sensitization on Allergic Asthma Phenotype: A Comparative Analysis
Rania Nakhli (Kairouan, Tunisia), Mhamdi Samira, Dabboussi Sawsen, Aichaouia Chiraz, Moetamri Zied

Emerging novel sequence types of Staphylococcus aureus in Pakistan
Santosh Sidhwani (Karachi, Pakistan), Ambrina Khatoon

Lung microbiome alterations in chronic respiratory diseases: A systematic review
Fares Qtaishat (Amman, Jordan), Ahmad Alkayyat

Potential sensitizers in gluten-free baking
Irmeli Lindström (Helsinki, Finland), Evgeny Parshintsev, Tomi Kanerva, Viivi Ahonen, Hille Suojalehto

PS-15 Session 08:00 - 09:30

Poster session: Biologics in severe asthma

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Public health Physiology Cell and molecular biology Endoscopy and interventional pulmonology Imaging

Chairs : Chair to be confirmed

The journey to clinical remission of severe eosinophilic asthma: the combinatory role of type 2 inflammation biomarkers
Akter Dilroba (Siena, Italy), Tommaso Pianigiani, Laura Bergantini, Miriana D'Alessandro, Elena Bargagli, Paolo Cameli

Age-related differences in severe asthma patients addressed to biologics: insights from the SHARP Collaboration
Stefania Principe (Utrecht, Netherlands), Antonio Moretti, Aruna Bansal, Simone Hashimoto, Luciano Cattani, Sanja Grle Popovic, Vratislav Sedlak, Svetlana Sergejeva, Kostas Samitas, Zsuzsanna Csoma, Ineta Grisle, Kristina Bieksiene, Anneke Ten Brinke, Florin Mihălţan, Sanja Hromis, Sabina Skrgat, Valentyna Yasinska, Bilun Gemicioglu, Piotr Kuna, Apostolos Bossios, Marco Caminati

Real-world Severe Asthma Registry in Latin America (REAL): Clinical features, phenotypes and treatment accessibility
Ignacio Zabert (Neuquén, Argentina), Ana Stok, Felicia Montero, Abraham Ali, Maria Carmen Cano, Patricia Fernandez, Martin Maillo, Anibal Bermudez, Ileana Saldaña, Lucia Fernandez, Lorena Noriega, Natalia Garcia, Gabriel Garcia

FeNO 350: A significant predictor of clinical remission in severe asthma
Flogerta Sana (Bari, Italy), Leonardo Maselli, Vitaliano Nicola Quaranta, Marta Tornesello, Valeria Pezzuto, Andrea Portacci, Enrico Buonamico, Silvano Dragonieri, Giovanna Elisiana Carpagnano

Benralizumab affects specific compartments in severe asthma patients with chronic rhinosinusitis and nasal polyposis
Claudio Candia (Naples, Italy), Debora Paris, Antonio Molino, Maria D'Amato, Carmen Lombardi, Pasquale Ambrosino, Andrea Motta, Mauro Maniscalco

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Does small airway disease (SAD) have an effect on the response to Tezepelumab?
Elisa Bentivegna (firenze, Italy), Greta Insalata, Alessia Catalisano, Rubina Giulia Girolamo, Martina Maria Marinato, Luca Paita, Agostino Cristofalo, Chiara Allegrini, Gianna Camiciottoli

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Tezepelumab in Uncontrolled Severe Asthma: A 3-Month Study on Small Airway Function and Symptom Control
Ourania Kotsiou (Larissa, Greece), Georgios Barkas, Paraskevi Kirgou, Maria Pinaka, Zoe Daniil, Konstantinos Gourgoulianis

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Alveolar Nitric Oxide as a Potential Biomarker for Assessing Airflow Obstruction Resolution in Severe Asthma Patients on Biologic Therapy
Tommaso Pianigiani (Siena, Italy), Laura Bergantini, Miriana D'Alessandro, Elena Bargagli, Paolo Cameli

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Evaluation of the effectiveness of Dupilumab in patients with Severe Asthma using Forced Oscillation Technique (FOT): real-life data
Luca Paita (Firenze, Italy), Greta Insalata, Elisa Bentivegna, Alessia Catalisano, Martina Maria Marinato, Rubina Giulia Girolamo, Chiara Allegrini, Federico Lavorini, Gianna Camiciottoli

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Identification of severe eosinophilic asthma in patients with chronic rhinosinusitis with nasal polyps (CRSwNP) awaiting functional endoscopic sinus surgery
Drew Davies (exeter, United Kingdom), Alexander Royston, Elizabeth Hudson, James Davidson, Edward Chisholm, Dinesh Shrikrishna

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Does FEV1 stability tell us everything about lung function in asthma remission?
Francesca Cefaloni (Rome, Italy), Enrico Schiavi, Luca Richeldi, Matteo Bonini

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Real-World Impact of Mepolizumab on Mucus Plug Reduction in Severe Eosinophilic Asthma
Ebymar Arismendi (Vilassar de Dalt, Barcelona, Spain), Hector Cedillo, Alberto García De La Fuente, Marina Paredes, Marcelo Sánchez

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Impact of endoscopic techniques on the management of patients with severe asthma eligible for biological therapy
Carmen Lores Benavente (Barcelona, Spain), Cristina Bellver Asperilla, Rosa María López Lisbona, Marta Plana Pes, Domingo Madera Hernández, Guillermo Suárez Cuartín, Samantha Aso González, Salud Santos Pérez, Mariana Muñoz-Esquerre

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Sputum differential cell count profiles in severe asthma treated with tezepelumab
Gaël Tavernier (Manchester (Greater Manchester), United Kingdom), Yetunde Isa, Holly Montgomery, Ellen Greenlees, Lynn Elsey, Kerry Hince, Stephen J Fowler, Thomas Pantin

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Clinical profile and characteristics of hospitalised severe asthma exacerbation patients on biologics
Gabriel Chen (Singapore, Singapore), Kai Xin Low, Kheng Yong Ong, Pei Yee Tiew, Mariko Koh, Youxin Puan

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The effect of biologics in the treatment of severe asthma- analysis of an age and sex matched cohort
Fabienne Jaun (Liestal, Switzerland), Maria Boesing, Giorgia Luethi-Corridori, Pierre-Olivier Bridevaux, Florian Charbonnier, Christian Clarenbach, Jean-Marc Fellrath, Pietro Gianella, Anja Jochmann, Lukas Kern, Nikolay Pavlov, Thomas Rothe, Tsogyal Latshang, Christophe Von Garnier, Joerg Daniel Leuppi

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Small Airway Dysfucntion in Severe Asthma: Impact on achieving Clinical Remission
Mona Al-Ahmad (Kuwait, Kuwait), Asmaa Ali, Wafaa Talat

Clinical remission with biologics in severe asthmatics is not affected by age
Lorena Gentile (Palermo, Italy), Valentina Catanzaro, Alessandra Tomasello, Giulia Genduso, Gabriele Pagano, Alida Benfante, Nicola Scichilone

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Tezepelumab (anti-TSLP) effectiveness in real-life in Severe Asthma
Elisa Bentivegna (firenze, Italy), Greta Insalata, Alessia Catalisano, Rubina Giulia Girolamo, Martina Maria Marinato, Luca Paita, Samuele Trentin, Agostino Cristofalo, Chiara Allegrini, Gianna Camiciottoli

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Biomarker predictors of biologic therapy response in patients with severe asthma and Aspergillus-IgG positive serology
Christine Chiang (Dublin, Ireland), Mohamed Idris, Laura Monaghan, Emma Mulligan, Stephen Lane, Patrick Mitchell

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PS-34 Session 08:00 - 09:30

Poster session: Clinical aspects in interstitial lung disease

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Physiology Pulmonary function testing General respiratory patient care Public health Imaging Palliative care Cell and molecular biology Endoscopy and interventional pulmonology Pulmonary rehabilitation

Chairs : Chair to be confirmed

Baseline characteristics of patients in the real-world INCHANGE study in patients with progressive pulmonary fibrosis (PPF)
Claudia Lucia Toma (Bucuresti (Sector 4), Romania), Ventsislav Dimitrov, Katarzyna Górska, Anita Sahu-Osen, Maria Sanzharovskaya, Katrin E Hostettler

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The role of social deprivation in post-admission interstitial lung disease all-cause mortality
Laura White (Manchester, United Kingdom), Jonathan Shaw, Bethan Powell, Nyan May Kyi, Rebecca Huang, Emma Hardy, Gareth Hughes, Dilanka Tilakaratne, Conal Hayton, Trishala Raj, Saskia Swannack, Georges Ng Man Kwong, Amy Gadoud, Timothy Gatheral

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Comparison of IPF patients using pirfenidone and nintedanib:Real-life data
Fatma Demirci Üçsular (Izmir, Turkey), Sevda Aras, Gülistan Karadeniz, Enver Yalnız

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Comparison of the baseline clinical and HRCT characteristics of Insilico's ISM001_055 phase 2a trial cohort in China with real-world IPF datasets
Kiril R. Kirov (Cambridge, United Kingdom), Elliott Bussell, Rebecca Keegan, Muhunthan Thillai, Zuojun Xu, Ping Wang, Carol Satler, Sujata Rao, Sang Liu, Yuan Lv, Toby M. Maher, Alex Zhavoronkov, Feng Ren, Simon L. F. Walsh

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Geriatric nutrition risk index as an indicator of acute exacerbation and mortality risk in patients with idiopathic pulmonary fibrosis
Ismail Hanta (Adana, Turkey), Pelin Pınar Deniz, Pelin Duru Cetinkaya, Sedef Küçükyalçın

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The clinical and economic impact of time to diagnosis in patients with progressive fibrosing interstitial lung disease: a systematic review
Zhongyi Deng (Mainz, Germany), Maria Cristina Penaloza-Ramos, Pratik Pimple, Anna K. Renner, Bettina Schmitt, Sean D. Sullivan, Pilar Rivera-Ortega

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Real-life experience of access to antifibrotics for patients with IPF: a single-center observational study
Maham Adil (Wigan, United Kingdom), Rashmita Singh, Queennie Jacob, Heidi Prior, Abdul Ashish

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Identification of UIP pattern fibrosis progression after antifibrotic therapy
Gage Willox (Glasgow (Glasgow), United Kingdom), Ethan Murray, Lynette Thomas, Ahmed Muqames, Geeshath Jayasekera, David Anderson

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Applying a pre-fight algorithm in Interstitial lung disease
Lucy Robertson (Cambridge (Cambridgeshire), United Kingdom), Karl Sylvester, Helen Parfrey, Muhunthan Thillai, Nicola Simler, Benjamin Knox-Brown

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Characterization of Unclassifiable ILD: Subclassification and Clinical Features from the PROMISE Study in Japan
Takashi Ogura (Yokohama, Japan), Taiki Furukawa, Yasuhiro Kondoh, Tomonori Tanaka, Yukio Kashima, Motoyasu Kato, Tsukasa Okamoto, Haruyuki Ishii, Takeshi Jokoh, Ryoko Egashira, Junya Fukuoka, Hironao Hozumi, Ryo Teramachi, Takafumi Suda, Toru Arai, Yoshiaki Zaizen, Atsushi Miyamoto, Keisuke Tomii, Kiminori Fujimoto, Tae Iwasawa, Chikatoshi Sugimoto, Yasuhiro Terasaki, Noriyuki Enomoto, Hiroaki Sugiura, Mishie Tanino, Kazuhiro Tabata, Fumikazu Sakai, Akira Hebisawa, Tamiko Takemura, Hiromitsu Sumikawa, Hideya Kitamura, Yutaro Nakamura, Shinobu Kunugi, Kazuto Ashizawa, Mikiko Hashisako, Yuko Nishimoto, Hidetake Yabuuchi, Masashi Kitani, Shinyu Izumi, Yasuyuki Kurihara, Kiyoshi Murata, Junya Tominaga, Takahiko Kasai, Kaori Ishida, Kyoko Otani, Naoko Takeuchi, Makoto Ishii

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Disease course towards the end of life in patients with pulmonary fibrosis.
Giulia Acquati (Florence, Italy), Valentina Musto, Julie Traclet, Kais Ahmad, Francois Lestelle, Anne Guillemot, Sophie Francioni, Ségolène Turquier, Sara Tomassetti, Vincent Cottin

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Gender differences in idiopathic pulmonary fibrosis (IPF) from the British Thoracic Society (BTS) UK ILD registry.
Leng Cheng Sia (Kuala Lumpur, Malaysia), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Gina Amanda, Karol Bączek, Andrew Achaiah, Lucile Sesé, Nazia Chaudhuri

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Effect of pulmonary rehabilitation on exercise tolerance in patients with interstitial lung disease
Houda Snène (Tunis, Tunisia), Yossr Aloulou, Meryem Nciri, Rym Ben Othmen, Hana Blibech, Donia Belkhir, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir

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Gender-related features of interstitial lung diseases: an unsupervised machine learning approach
Esterina Boniello (Bari (BA), Italy), Luciana Labate, Agnese Caringella, Cristian Locorotondo, Marcin Di Marco, Madiha Ahroud, Anna Violante, Paola Piarullli, Chiara Massaro, Giuseppe Falagario, Vitaliano Nicola Quaranta, Andrea Portacci, Alberto Carrassi, Silvano Dragonieri, Giovanna Elisiana Carpagnano

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Twelve month experience of a structured interstitial lung abnormality (ILA) pathway: insights and outcomes
Trishala Raj (Leeds, United Kingdom), Jonathon Shaw, Rebecca Gibson, Katherine Zakis, Jenna Swale, Helen Morris, Carmine Ruggiero, Nicola Bracey, Hussain Shah, Peter George, Elizabeth Renzoni, Sujal Desai, Anand Devaraj, Richard Lee, Katherine Myall, Laura Fabbri, Brintha Selvarajah, Emily Fraser, Richard Hewitt, Conal Hayton

Should Slow Vital Capacity Replace Forced Vital Capacity in IPF?
Fatma Arslan (Mamak, Turkey), Vefa Tunca, Deniz Doğan Mülazimoğlu, Miraç Öz, Aslıhan Gürün Kaya, Serhat Erol, Akın Kaya, Oya Kayacan, Sevgi Saryal

Content Validity of AI-Generated Medical Information on Idiopathic Pulmonary Fibrosis (IPF): A Comparative Analysis of ChatGPT-4 and Gemini 1.5 Pro
Ivan Cherrez-Ojeda (Guayaquil, Ecuador), Andreas Hoheisel, Björn Christian Frye, Juan Calderon Soriano, Arturo Cortes-Telles, Gabriela Rodas-Valero, Karla Robles-Velasco, Heidegger Mateos Toledo, Ricardo G. Figueiredo, Christopher J Ryerson

SERUM TRYPSIN-LIKE ACTIVITY (TPA) IN PATIENTS (PTS) WITH IDIOPATHIC PULMONARY FIBROSIS (IPF)
Valeriia Dmytrychenko (Dnipro, Ukraine), Vladyslava Rudakova, Viktoriya Rodionova, Oksana Karasova, Olena Kovalenko

Breathing effort evaluation and monitoring through nasal manometry in fibrosing interstitial lung disease (F-ILDs) with usual interstitial pneumonia (UIP) pattern: preliminary analysis from a prospective observational monocentric study
Athina Patsoura (modena, Italy), Federica Ghinassi, Federica Andolfi, Daniele Puggioni, Giulia Baldini, Matilde Neviani, Gabriele Contri, Alessandro Marchioni, Bianca Beghè, Enrico Clini, Stefania Cerri, Roberto Tonelli

Impact of Discrepancies Between BAL and TBLC Findings on ILD Treatment Strategies: A Retrospective Study with Insights into Cytology Variability
Koji Kuronuma (Sapporo, Japan), Atsushi Saito, Chikako Kitamura, Tomoyuki Takahashi, Kentaro Kodama, Hirotaka Nishikiori, Mamoru Takahashi, Hirofumi Chiba

PS-5 Session 08:00 - 09:30

Poster session: Chronic noninvasive respiratory support and airway clearance in neuromuscular disease

Disease(s) : Sleep and breathing disorders | Respiratory critical care | Airway diseases

Method(s) : General respiratory patient care | Respiratory intensive care | Pulmonary function testing | Epidemiology

Chairs : Chair to be confirmed

The Role of Diaphragmatic Ultrasound in Early NIV Indication in ALS Patients
Mikel Sarasate (Barcelona, Spain), Ana Cordoba-Izquierdo, Enric Prats, Raul Dominguez, Edelweis Antón, Lluis Mateu, Luciana Baglivo, Monica Povedano, Eva Farrero

High-pressure ventilation may increase pneumothorax in patients with amyotrophic lateral sclerosis
Nobuhiro Okagaki (Tenri, Japan), Tomomasa Tsuboi, Yuichi Chihara, Kensuke Sumi, Hiroki Takeuchi, Kenji Yamamoto, Takashi Hajiro, Atsuo Sato

Agreement between oronasal and mouthpiece interfaces during peak cough flow measurement in adults with respiratory muscle weakness
Collette Menadue (Camperdown (NSW), Australia), Pui Way Ng, Elizabeth Lambrinos, Olivia Mcguiness, Maree Milross, Amanda Piper

Agreement between oronasal mask and mouthpiece interfaces during measurements of peak cough flow during mechanical in-exsufflation
Collette Menadue (Camperdown (NSW), Australia), Pui Wai Ng, Olivia Mcguiness, Elizabeth Lambrinos, Maree Milross, Piper Amanda

Innovative Airway Clearance: Combining Negative Pressure, Oscillation, and Lavage in Ventilator-Dependent Patients
Naoyuki Ishikita (Sendai, Japan), Yuta Ishimitsu, Tetsuo Miyagawa

Factors influencing adherence to home respiratory therapy in patients with myotonic dystrophy type I
Paula Pujal Montaña (L'Ametlla Del Valles, Spain), Ines Podzamczer Valls, Vera Marcela Lugo Arrua, Maria Carme Puy Rion, Ana Maria Fortuna Gutierrez, Pedro A Anton Albisu, Patricia Peñacoba Toribio

Clinical Characteristics and Management of Adult Patients with Spinal Muscular Atrophy: Experience in a Ventilation Unit
Marc Paredes (Barcelona, Spain), Ana Cordoba, Enric Prats, Eva Farrero, Laura Gonzalez, Edelweis Anton, Lluis Mateu, Luciana Baglivo, Monica Povedano, Mikel Sarasate

Non-invasive ventilation in neuromuscular diseases: psychosocial aspects
Francesca Simioli (Napoli (NA), Italy), Anna Annunziata, Raffaella Manzo, Antonella Marotta, Rosa Cauteruccio, Antonietta Coppola, Giuseppe Fiorentino

Patient outcomes in Motor Neuron Disease treated with Non-Invasive Ventilation: An observational study
Hadeel Al-Husban (Norwich, United Kingdom), Helen Copsey, Tariq Alam, Prasanna Sankaran

Patient reported outcome measures for use of mouthpiece ventilation in neuromuscular conditions from three UK centres
Joshua Bradbury (NOTTINGHAM, United Kingdom), Ahsab Chowdury, Elinor Greenman, Daniella Draicchio, Swapna Mandal, Alison Armstrong, Ben Messer, Milind Sovani

Invasive ventilation in patients with amyotrophic lateral sclerosis before, during and after the COVID-19 pandemic
Andreas Palm (Uppsala, Sweden), Magnus Ekström, Össur Emilsson, Caroline Ingre, Ulf Kläppe, Huiqi Li, Ingela Nygren, Fredrik Nyberg, Mirjam Ljunggren

Factors associated with overall survival in patients with motor neuron disease and respiratory symptoms
Anam Shaikh (Manchester, United Kingdom), Andrew Bentley, Andras Bikov

Optimisation of Sleep and Ventilation pathway for Motor Neuron Disease patients
Khai Zhin Ang (London, United Kingdom), Emily Martin, Annie Jacques, Alex Long, Prina Ruparelia

Evaluation of respiratory insufficiency in patients with amyotrophic lateral sclerosis through transcutaneous carbon dioxide monitoring
Francesca Di Meo (Rome, Italy), Letizia D'Antoni, Fausta Viccaro, Arianna Sanna, Maria D'Andria, Alessandro Siena, Sarah Impagnatiello, Maria Teresa Sanzari, Alessandro Siena, Alice Chillemi, Caterina Debelak, Paolo Palange

Description of a home care project for patients with respiratory support
Carlos Carrera Cueva (Sevilla, Spain), Julia Rodríguez Medina, Esther De Benito Zorrero, Patricia Baez Peinado, Candela Caballero Eraso

Patterns of referral for inpatient transfer to a UK specialist weaning and complex home ventilation unit
Katrina Abernethy (London, United Kingdom), Pritom Dey, Rohan Chavali, Misha Patel, Hibba Ansari, Joerg Steier, Georgios Kaltsakas, Michelle Ramsay, Shelley Srivastava, Rebecca D'Cruz, Neeraj Shah, Khaled Al Arfi, Nicholas Hart, Patrick Murphy, Eui-Sik Suh

High burden of care among inpatients on non-invasive ventilation for chronic hypercapneic respiratory failure
Rui Ya Soh (Singapore, Singapore), Louiselle Allaga Ramos, Quintayo Roberto Jr Espares, Cunanan Aubrey Kuhonta

Leveraging patient experience with a decision-tool for Ventilated patients
Marie Lambert (Paris, France), Jesus Gonzalez, Ulla M. Weinreich Md, Line H. Storgaard, Rn, Anne-Mette Meldgaard, Arnaud Delanghe, Marius Lebret, Hakjeong Kim

Bench study of pressure-time product of non invasive mechanical ventilators under leaks scenarios
Daniel López Padilla (Madrid, Spain), Manel Luján Torné, Javier Sayas Catalán, Juan Pablo Utrilla Marchand, Luis Asencio Monteagudo, Elena Ojeda Castillejo, Alicia Cerezo Lajas, Soledad López Martín

PS-14 Session 08:00 - 09:30

Poster session: Asthma treatments revisited: fresh data on trusted therapies

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Cell and molecular biology Public health Epidemiology Physiology

Chairs : Reshed Abohalaka (Göteborg, Sweden), Chair to be confirmed

Effectiveness of tiotropium bromide on lung function and asthma control in real life: data from 1-year clinical follow-up
Kurtuluş Aksu (Ankara, Turkey), Fatma Dindar Celik, Enes Celik, Hatice Celik Tuglu, Melis Yagdiran, Ozgur Akkale, Onur Telli, Gozde Koycu Buhari, Sakine Nazik Bahcecioglu, Funda Aksu

Bronchial hyper-reactivity impacts symptoms in severe eosinophilic asthmatic patients
Mario Di Stasio (Roma, Italy), Francesca Cefaloni, Matteo Bonini, Luca Richeldi

Persistent airway hyperresponsiveness to mannitol after high-dose ICS is linked to combined T2 inflammation and mast cell infiltration
Emilie Johanning Bari (Gentofte, Denmark), Laurits Frøssing, Asger Sverrild, Daisy Bornesund, Jonas Erjefält, Celeste Porsbjerg, Morten Hvidtfeldt

Long-acting muscarinic antagonists for severe asthma: the perspective of SHARP clinicians
Marco Caminati (Verona (VR), Italy), Alessandro Marcon, Luigi Martinelli, Aruna T Bansal, Emmanuelle Berret, Apostolos Bossios, Ineta Grisle, Pierpaolo Marchetti, Celeste Porsbjerg, Stefania Principe, Florence Schleich, Svetlana Sergejeva, Jacob K Sont

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Single-inhaler triple therapy (FF/UMEC/VI) vs FF/VI in Chinese uncontrolled asthma adults
Jingfang Ma (, China), Lin Su, Jodie Crawford, Sophia Zhang, Yiyue Zhou, Alison Moore, Jinping Zheng

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“Speed of change in feeling of health”: a new ePRO for asthmatic patients
Fulvio Braido (Genova, Italy), Ilaria Baiardini, Eleonora Ingrassia, Giorgia Sedda, Alessio Piraino

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Role of Intranasal Corticosteroid in Asthma Management: A Focus on nNO Biomarker
Jian Sun (Jinan, China), Ying Wang, Yi Liu

Uncontrolled asthmatics with small airways dysfunction (SAD) and response to extra-fine ICS/LABA formulation: A real-world, observational, effectiveness, multi-centre study from India
Ruby Swami (pune, India), Suhas Bardapurkar, Shreehas Bardapurkar, Vivek Vardhan Veerapaneni, Vishnun Rao Veerapaneni, Kalpesh Panchal, Harshavardhan Vhora Vhora, Vaibhav Kubal, Bharat Toshniwal, Goli M Venkata Kasiram, Sonia Dalal, Aleemuddin Naveed, Anil Kumar Singh, Nandagopal Velayuthaswamy, Narendra Kumar Maddur, Gayathri Malkapuram, Vishlavath Bhasker, Abhinav Bhosale, Huda Shamim, Srikanth Krishnamurthy, Jaymohan Unnithan, Srinivasan Nagrajan, Sapna Madas, Sujata Chauthmal, Abhishek Sabale, Samruddhi Bhalare, Nikita Nawale, Deepika Dhumal, Namiksha Koli, Vaishali Naik, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay, Deesha Ghorpade, Sundeep Salvi

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Long-Term Asthma Control with Beclometasone/Formoterol/Glycopyrronium: 12-Month Results of TriMaximize Study
Christian Gessner (Leipzig, Germany), Valentina Bogoevska, Richard Russell, Charlotte Suppli Ulrik, Wolfgang Pohl, Vicente Plaza, Arnaud Bourdin, Maciej Kupczyk, Fulvio Braido, Celina Fritz, Alexander Hahn, Veronika Grickschat, Frederik Trinkmann

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Long-term exacerbation trends before/after initiating triple therapy for uncontrolled asthma
Nicolas Roche (Paris, France), Guy Brusselle, Alicia Gayle, Luca di Palma, Alessio Piraino, Ulrica Scaffidi-Argentina, Christopher Grainge, Dave Singh, Victoria Carter, Jeffrey Shi Kai Chan, William Henley, David Neil, Derek Skinner, Adam Streeter, David Price

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Asthma exacerbations during pregnancy
Bohee Lee (London, United Kingdom), Ernie Wong, Tricia Tan, Hitasha Rupani, Chloe Bloom

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Improvement in Quality of Life in Asthma Patients switched to fixed triple combination with Beclometasone/Formoterol/Glycopyrronium: 12-Month Results of TriMaximize Study
Frederik Trinkmann (Heidelberg, Germany), Valentina Bogoevska, Richard Russell, Charlotte Suppli Ulrik, Wolfgang Pohl, Vicente Plaza, Arnaud Bourdin, Maciej Kupczyk, Fulvio Braido, Veronika Grickschat, Alexander Hahn, Celina Fritz, Christian Gessner

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30-35 Year Review of Spinal Skeletal Effects of Long-Term Inhaled Corticosteroids(LICS) after Asthma Admission
Martin Balzan (Tal Qroqq, Malta)

Should we be cautious of systemic side effects from nebulised β_2 agonists?
Craig Mortimer (Kent, United Kingdom), Dimitra Nikoletou, Ann Ooms, Julia Williams

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Salmeterol Induces Transcription of Genes with cAMP Response Elements
Eva Fiorenzo (London, United Kingdom), Sara Fontanella, Paul Lavender, Kieran Madon, Tatiana Kebadze, Julia Aniscenko, Aleksandra Nikonova, Michael Edwards, Sebastian Johnston

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Reduction of asthma exacerbations after escalation from BUD/FORM or FP/SAL to FF/UMEC/VI
Stephen G Noorduyn (Mississauga, Canada), Guillaume Germain, Jacob Klimek, François Laliberté, Robert C Schell, Alison Moore, Rosirene Paczkowski

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Asthma healthcare burden with ICS/LABA or LAMA-containing therapies: Chinese retrospective cohort study
Zhiliu Tang (Shanghai, China), Xin Li, Iris Chen, Sune Hao, Stephen G. Noorduyn, Jiaxin Ding, Jie Cao

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Poor adherence to inhaled corticosteroids associated with asthma-related intensive care admissions
Ngu Wah Khine (Southampton, United Kingdom), Paddy Dennison, Hitasha Rupani

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Understanding Perceptions and Place of Triple Therapy for Asthma Management: The ESCALATE Survey
Deepak Muthreja (Nagpur (Maharashtra), India), Sujeet Rajan, Anuroop Shankar, Kanishka Kumar Singh, Brijesh Prajapat, Rahul Karwa, Sujeet Madhukar, Koushik Ghosh, Manu Madan, Vaishali Naik, Swapna Nair, Meena Lopez, M Senthilnathan, Jaideep Gogtay

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Inhaled corticosteroid withdrawal in T2-low asthma – A randomized study of symptom and biomarker stability
Christiane Hammershaimb E. Mosbech (Gentofte, Denmark), Nina Skavlan Godtfredsen, Charlotte Suppli Ulrik, Christian Grabow Westergaard

PS-33 Session 08:00 - 09:30

Poster session: Pleural disease advances beyond pleural and mediastinal malignancies

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Surgery Imaging General respiratory patient care Endoscopy and interventional pulmonology Cell and molecular biology Physiology

Chairs : Nick Maskell (Bristol (Avon), United Kingdom), Tara Byrne (Ballinasloe (County Longford), Ireland)

Comparison study of percutaneous pleural and lung biopsies performed by interventional radiologists and the respiratory service at Queen Elizabeth Hospital
Helen Fielden (London, United Kingdom), Sivanantham Sasikumar

To drain or not to drain? That is the question' A national survey of physicians to understand the current management practice for pneumothorax after lung biopsy
Beenish Iqbal (Oxford, United Kingdom), Dinesh Addala, Alguili Elsheikh, Anand Sundaralingam, Poppy Denniston, Rachel Benamore, Najib Rahman, Rob Hallifax

Beyond Primary and Secondary: Investigating the optimum management strategy for managing iatrogenic pneumothorax after CT-Guided lung biopsy
Sarah Md Fuad (Chester, United Kingdom), Jing Goh, Samuel Amey, Robert Downey, Rachel Halliday, Vevak Dherwani, Muhammad Noor, Prosenjit Dutta, Stephen Scott, Ian Benton, Ben Vlies, Qaiser Abdullah, Ryan Robinson

Integrating Ultrasound Parameters into a Machine Learning-Based Clinical Prediction Model for Pleural Tuberculosis
Sze Shyang Kho (Kuching (Sarawak), Malaysia), William Kian Boon Law, Larry Ellee Nyanti, Shirin Hui Tan, Nai Chien Huan, Chiou Perng Lee, Syazatul Syakirin Sirol Aflah, Khai Lip Ng, Chun Ian Soo, Aida Abdul Aziz

First line medical thoracoscopy in undiagnosed pleural effusion: a safe, effective and time-sparing strategy?
Matteo Daverio (Padova, Italy), Mariaenrica Tinè, Martina Lorico, Petra Meneghin, Rossella Valvason, Giulia Bartolucci, Marco Damin, Davide Biondini

RED score in patients with benign pleural effusions
Eleanor Mishra (Oxford (Oxfordshire), United Kingdom), Helen Davies, Lianne Castle, Jurgen Herre, Jack Kastelik, Clare Ross, John Corcoran, Alison Hufton, Nick Maskell, Allan Clark, Najib Rahman

Clinical Outcomes of Non-Traumatic Chylothorax
Brian Chua (Singapore, Singapore), Si Ling Young, Carrie Kah Lai Leong, Qiao Li Tan, Ivana Gilcrist Chiew Sian Phua, Jane Jing Yi Wong, Wen Ting Lim, Ken Junyang Goh

Surgical treatment of diseases of the thyroid gland complicated by tracheal compression syndrome
Anastasiia Sochnieva (Kharkiv, Ukraine), Valeriy Boyko, Vasyl Kritsak, Volodymir Tkachenko

An audit of pleural services in a UK district general hospital
Shavita Kuckreja (Cheshunt, United Kingdom), Andrew Collins, Peter Russell, Ugochukwu Ekeowa, Muhammad Anwar, Iftikhar Nadeem

Nine-Year Retrospective Analysis of Ambulatory Pleural Procedure Service at a tertiary Hospital
Mohamed Babikir (Swansea, United Kingdom), Elen Gravell, Narendrababu R Chinnappa

Patterns of disease within Non-specific pleuritis
Anand Sundaralingam (Oxford, United Kingdom), Grace Annetts, Radhika Banka, Vineeth George, Anna Kelliher, Zofia Makowska, Dinesh Addala, Beenish Iqbal, Alguili Elsheikh, Eihab Bedawi, Rob Hallifax, Nikolaos Kannellakis, Najib Rahman

Natural antibodies targeting hyaluronidase in pleural effusions of various etiologies
Sotirios Zarogiannis (Larisa, Greece), Ioannis Sarrigeorgiou, Erasmia Rouka, Ourania Kotsiou, Garyfallia Perlepe, Efrosini Gerovasileiou, Konstantinos Gourgoulianis, Peggy Lymberi

The impact of pleural pressure changes after therapeutic thoracentesis on pleural elastance and diagnosis of trapped lung.
Elżbieta Magdalena Grabczak (Warszawa, Poland), Tomasz Gólczewski, Monika Zielińska-Krawczyk, Anna M. Stecka, Rafał Krenke

Exploratory and Therapeutic Management of Pleural Effusions: A Study of 420 Cases, Experience from the Pulmonology Department, Rouïba Hospital, Algiers
Abdelhamid Bouz (Rouïba, Algeria), Hadjer Gacem, Imane Laouedj, Abdelbassat Ketfi

PS-18 Session 08:00 - 09:30

Poster session: Clinical insights into mechanisms defining airways disease pathogenesis and responsiveness to therapeutics

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Epidemiology Imaging Public health Pulmonary function testing

Chairs : Cindy Barnig (Besançon, France), Chair to be confirmed

Distribution of Type-2 Airway Inflammation Across Different Lung Function Status
Wuping Bao (Shanghai, China), Yiting Wu, Yanmei Lin, Huijuan Hao, Jingwang Lin, Yan Zhou, Yilin Pan, Min Zhang

The airway transcriptome in type2 cytokine biomarker-high, -intermediate and -low severe asthma
Jiashu Shen (Oxford, United Kingdom), Emanuele Marchi, Rekha Chaudhuri, Steve Bicknell, Adel Mansur, Rahul Shrimanker, Ian Pavord, Stephen Fowler, Vanessa Brown, Lorcan Mcgarvey, Peter Howarth, Joseph Arron, Liam Heaney, David Choy, Timothy Hinks#, Peter Bradding#

IL-33 and IL-25 as drivers of ICAM1 and ICAM3 expression in Th2 and regulatory T cell subsets in severe eosinophilic asthmatic patients.
Laura Bergantini (siena, Italy), Irene Paggi, Tommaso Pianigiani, Miriana D'Alessandro, Elena Bargagli, Paolo Cameli

Resident and inflammatory eosinophils in early and late onset asthma.
Umberto Semenzato (Padova, Italy), Maria Conti, Daniele Previtero, Erica Bazzan, Andrea Rastelli, Ylenia Padrin, Nicol Bernardinello, Mariaenrica Tinè, Giorgia Puddu, Graziella Turato, Manuel Cosio, Marina Saetta, Simonetta Baraldo

Evidence of a local negative feedback mechanism via IL-5Rα shedding from airway eosinophils.
James Melhorn (Salisbury, United Kingdom), Corrado Pelaia, Mahdi Mahdi, Jian Luo, Gabriel Lavoie, Helen Ferry, Ian Pavord, Timothy Hinks

The relationship between PTPRH and CEACAM5 and Th17 immune response in severe asthma patients.
Fengjia Chen (guangzhou, China), Zhimin Zeng, Yangli Liu, Yubiao Guo

Increased IL-33+ and ST2+ alveolar macrophages in COPD
Sophie Booth (Manchester, United Kingdom), Andrew Higham, Dave Singh

Increased alveolar eosinophils in chronic obstructive pulmonary disease
Sophie Booth (Manchester, United Kingdom), Andrew Higham, Anna Ioannidi, Dave Singh

Morphological and fractal analysis of monocytes and neutrophils from smokers and ex-smokers
Amanda Carvalho (Mossoró, Brazil), Jose Roberto Augisto Dos Santos, Tiago Ian Regis Vidal, Flavio Santos Da Silva, Julia Virginia Chaves Freitas, Aglagilson Fernandes Da Chagas, Micassio Fernandes De Andrade, Emanuel Feitosa

Elevated exTreg Cells in COPD: A Novel Immunological Landscape and Potential Therapeutic Target
Jia Hou (Yinchuan, China), Weirong Ma, Dan Wang, Jiale Zhao, Xinru Peng

Neurophenotyping cough in respiratory disease
Jenny King (Manchester (Greater Manchester), United Kingdom), Bashar Alsheklly, James Wingfield Digby, Shannon Galgani, Rachel Dockry, Kimberly Holt, Joanne Mitchell, Paul Marsden, Jaclyn Smith

Factors Influencing the Response to Allergen Immunotherapy: A Retrospective Study
yosra bellil (bardo,tunis, Tunisia), Nourchene Khalfallah, Yosra Farhani, Mariem Chaabene, Chiraz Aichaouia, Selsabil Dabboussi, Samira Mhamdi, Zied Mootamri

The relationship between atopy, IgE levels and response to tezepelumab in severe asthma
Francesca Cefaloni (Rome, Italy), Jessica Gates, Faizan Haris, Filip Wilk, Tanweer Kamaly, Paniz Khooshemehri, Jaideep Dhariwal, Alexandra M. Nanzer, David J Jackson

Blood eosinophil gene expression and cytokine response is altered with anti-IL-5 Mepolizumab
Katie Raby (London, United Kingdom), Emma Gaffney, Janice Koranteng, Piers Dixey, Ian Adcock, Andrew Menzies-Gow, Kian Fan Chung, Pankaj Bhavsar

The lack of response to Omalizumab in patients with severe asthma is associated with IgE receptor mutations.
Fatma Emre Turan Tasolar (Derince, Turkey), Ender Mehmet Coşkunpınar, Oktay Taşolar

Differential impact of T2 pathway biologics on IL5R-expressing mast cell progenitors in severe asthma
Michael Fricker (New Lambton Heights (NSW), Australia), John Harrington, Sarah Hiles, Peter Gibson

The effect of dupilumab therapy on T regulatory cells exhaustion state in severe asthma
Tommaso Pianigiani (Siena, Italy), Irene Paggi, Simona Luzzi, Laura Bergantini, Miriana D'Alessandro, Elena Bargagli, Paolo Cameli

Immunomodulatory effects of Mepolizumab on group 2 innate lymphoid cells in patients with refractory chronic cough and eosinophilic airways disease (MUCOSA)
Takahiro Matsuyama (Dundas, Canada), Yoshihisa Tokunaga, Xiaotian Ju, Nahal Fard, Nermin Diab, Danica Brister, Wafa Hassan, Mustafaa Wahab, Elena Kum, Jennifer Wattie, Karen Howie, Kieran Killian, Jaclyn Smith, Gail Gauvreau, Paul O'Byrne, Imran Satia, Roma Sehmi

Effects of benralizumab on T cell adhesion molecules in severe eosinophilic asthma: modulation by IL-25 and IL-33
Irene Paggi (Siena, Italy), Miriana D'Alessandro, Sara Gangi, Elena Bargagli, Paolo Cameli, Laura Bergantini

Changes in airway structure/function with benralizumab treatment of severe eosinophilic asthma (SEA) observed with Functional Respiratory Imaging (FRI)
Donna Carstens (Wilmington, United States), Wilfried Debacker, Kirsty Rhodes, Patrick Muchmore, Benjamin R. Lavon, Sze Yan Ernestine Chung, Robert Fogel, Frank Trudo, Reynold Panettieri Jr

PS-1 Session 08:00 - 09:30

Poster session: When the heart meets the lungs: cardiovascular impacts of pulmonary and post-COVID conditions

Disease(s) : Thoracic oncology | Pulmonary vascular diseases | Airway diseases | Interstitial lung diseases

Method(s) : Epidemiology | General respiratory patient care | Imaging | Surgery | Public health | Pulmonary function testing | Endoscopy and interventional pulmonology | Pulmonary rehabilitation

Chairs : Chair to be confirmed

Factors associated with poor in-hospital evolution of hemoptysis
Emna Ben Jemia (tunis, Tunisia), Tasnim Djebali, Hend Ouertani, Ameni Naaroura, Jihen Ben Amar, Haifa Zaibi, Yosr Ben Attig

Embolisation or Surgery for Anomalous Systemic Arterial Supply to the Lung Basal Segment: Two Case Studies
Hidenori Takahashi (Tokyo, Japan), Shinichiro Ota, Yugo Satake, Hiroki Nagamatsu, Ryutaro Hirose, Mio Toyama-Kousaka, Miwa Morikawa, Yuta Tajiri, Yasunari Kanno, Masaharu Shinkai

Characterization of the Intermediate-Risk Population in Patients with Pulmonary Arterial Hypertension Group I: CAPRI Registry in a Latin American country
Rafael Conde-Camacho (Bogotá, Colombia), Mauricio Orozco-Levi, Alejandro Londoño, Ricardo Gómez-Palau, Eduardo Tuta-Quintero, K Díaz, A Naranjo, Juliana De Luque, S Goldfeder, Luis Fernando Giraldo-Cadavid, M.C. Guerrero

Clinical Features of Primary Pulmonary Artery Sarcoma: A Pooled Analysis from a Decade of Data (2014–2023)
Fumihiro Kashizaki (Yokohama, Japan), Hao Chen, Nanami Tsuchiya, Shohei Watanabe, Shiori Shonai, Ryusuke Orii, Reeko Osada, Mai Kaneko, Akitomo Kikuchi, Yui Kojima, Kentaro Yumoto, Naoki Hashiyama, Hiroyuki Osawa, Harumi Koizumi, Makoto Mo, Kenichi Takahashi, Takeshi Kaneko

Mapping Right Ventricular Adaptation in Pulmonary Arterial Hypertension: Insights from a Six-Phenotype Model
Rafael Conde-Camacho (Bogotá, Colombia), Adrian Lescano, Jorge Caneva, Paula Kaplan, Guillermo Giacomi, Maria Soledad Tescione, Luis Lema, Daniel Bustos, Juan Fernando Carvajal, Cristian Edgardo Bortta, Manuel Rodriguez, Eduardo Perna, Alejandro Londoño, Ricardo Goméz, Eduardo Tuta-Quintero

Investigating micro-aggregates as a cause for breathlessness in Long COVID.
Neda Akhtar Hasan (Abingdon, United Kingdom), Kher Lik Ng, Fraser Macrae, Robert Ariens, Roger Thompson, Fergus Gleeson, Susie Shapiro, Emily Fraser

What Drives High D-Dimer Levels After COVID-19?
Nataliia Habshydze (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Karyna Rybalka, Mariia Krykhtina

Coagulation Impairment and Post-COVID-19 Dyspnea: Is There a Connection?
Nataliia Habshydze (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Yuliia Huba, Olena Myronenko

COPD as a risk factor for Low-Extremity Artery Disease
Daniela Buklioska Ilievska (Skopje, North Macedonia), Jordan Minov

Cardioselective beta-blockers in chronic obstructive pulmonary disease and heart failure with reduced ejection fraction: a systematic review and meta-analysis
Anuj Barot (Ahmedabad, India), Sanskruti Shah, Ghanshyam Borisagar

Identification of COPD patients at risk for atrial fibrillation by ECG and its impact on adverse clinical outcomes – a subgroup analysis of the COSYCONET cohort
Sebastian Fähndrich (Freiburg, Germany), Martin Eichenlaub, Björn C. Frye, Heiko Lehrmann, Frank Biertz, Amir S. Jadidi, Klaus Kaier, Thomas Melzer, Peter Alter, Henrik Watz, Benjamin Waschki, Barbara C. Weckler, Franziska C. Trudzinski, Julia D. Michels-Zetsche, Frederik Trinkmann, Felix J. F. Herth, Hans-Ulrich Kauczor, Kathrin Kahnert, Rudolf A. Jörres, Robert Bals, Dirk Westermann, Thomas Arentz, Claus F. Vogelmeier, Daiana Stolz

Endoscopic lung volume reduction with valves improves exercise capacity by enhancing cardiovascular adaptability in patients with a baseline 6MWT <140m
Jacopo Saccomanno (Berlin, Germany), Lara Kilic, Thomas Sgarbossa, Eva Pappe, Martin Witzenrath, Ralf-Harto Hübner

Missing Group in Classification of Pulmonary Thromboembolism Severity and the Risk of Early Death: Real-life Experience
Tugce Karamustafalioglu (Mersin, Turkey), Sibel Nayci, Yuksel Balci, Eylem Sercan Ozgur

A case report of eosinophilic pleural effusion from heart failure in hypereosinophilia.
Lian Kiat Lim (Singapore, Singapore), Neelan Surendraraj, Hussain Shah, Nicholas Ubhi, Patrick Kerr, David Watchorn

Differences in cognitive functioning between patients with chronic cardiopulmonary disease
Claudia Gabriela Cortés San Agustín (Ciudad de México, Mexico), Viridiana Peláez Hernández, Montserrat Martínez Pérez, Arlen Daniela Pérez García, Mayra Gisselle Ruíz Perial, Vanessa Michelle Dávalos Torres, Karel Nataly Suárez Tovar, Arturo Orea Tejeda

Oral corticosteroid and risk for major adverse cardiovascular events in outpatients with chronic obstructive pulmonary disease, a Danish registry-based cohort study.
Pradeesh Sivapalan (Gentofte, Denmark), Gertrud Baunsgaard-Pedersen, Barbara Bonnesen, Josefin Eklöf, Jens-Ulrik Stæhr Jensen

Real-world occurrence of cardiopulmonary events among patients with COPD: the ABACOS-OUTCOMES Study (US)
Nicolas Roche (Paris, France), Joseph Tkacz, Kathleen Wilson, William Johnson, Josefin Sundh, Fernando Martinez, Hungta Chen, Della Varghese, Stephanie Dods, Hana Mullerova, Hayley D Germack, David Berg, Christopher Hui, Michael Pollack

Sudden death secondary to respiratory etiologies: a series of over 170 cases
Zied Chaari (Sfax, Tunisia), Jaweher Kammoun, Zouhir Hammami

Identifying High-Risk Patients for Endothelial Dysfunction After COVID-19
Nataliia Habshydze (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Yuliia Huba, Larysa Botvinikova

Impact of COPD and dynapenia on the prognosis of Right Heart Failure
Andrea Bárcenas Montiel (Mexico, Mexico), Laura Patricia Arcos Pacheco, Rocío Sánchez Santillan, Arturo Orea Tejeda, Dulce González Islas, Danna Paola Jiménez Cruz, Ana Gabriela Meléndez Galeana, María José Hernández Hernández, Carlos Patricio Chávez Guzmán, Luis Aldo Delgado Pérez, Magaly Arroyo Aguirre, Ariana Hernández Méndez, Nadia Hernández López, Esteban Marsel Pacheco Bazaldúa, Mariana Isabel Valdés Moreno, María Fernanda Salgado Fernández, Norma Camacho Mendoza

PS-13 Session 08:00 - 09:30

Poster session: Multifaceted evaluation of biologics in airway diseases: biomarkers, symptoms and beyond

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing General respiratory patient care Imaging Cell and molecular biology Epidemiology Endoscopy and interventional pulmonology

Chairs : Chair to be confirmed

Effect of tezepelumab on small airway dysfunction in real-life severe asthma
Toshihiro Shirai (Shizuoka, Japan), Keita Hirai, Taisuke Akamatsu

Mepolizumab reduces markers of airway remodelling in bronchial biopsies from patients with severe eosinophilic asthma after 6 months of treatment
Isabella Drummond (Guildford, United Kingdom), Juliette Phillips, Ravinder Dhillon, Jennifer Naftel, Wint Soe, Paddy Dennison, Rocio Teresa Martinez-Nunez, Jon Ward, Cornelia Blume, Emily Jane Swindle, Hitasha Rupani

Depemokimab reduces exacerbations in severe asthma versus other biologics: A multilevel network meta-regression
Arnaud Bourdin (Montpellier Cedex 5, France), Ian D Pavord, Nicholas Ballew, Brandon Butcher, Lydia Vinals, Houcine El Alili, Vikas Jangra, Victor Laliman-Khara, Grammati Sarri, Rafael Alfonso-Cristancho

The impact of biologics on VOC profiles in severe asthma – a preliminary analysis
Sofi Vassileva (Amsterdam, Netherlands), Nanna Dyhre-Petersen, Shahriyar Shahbazi Khamas, Stefania P. Principe, Susanne Vijverberg, Bart Hilvering, Els Weersink, Graham Clarke, Paul Brinkman, Peter I. Bonta, Jouke T. Annema, Chris Brightling, Sven-Erik Dahlén, Celeste Porsbjerg, Anke-Hilse Maitland-Van Der Zee

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Multi-Tissue Molecular Differences Between Type 2 low Asthma and Healthy Individuals: Associations with CT Features
Nazanin Zounemat-Kermani (hanworth, United Kingdom), Lily Lee, Katie Raby, Tatiana Karp, Hui Wen, Alen Faiz, Pankaj Bhavsar, Paolo Montuschi, Maarten Van Den Berge, Martijn Nawijn, Salman Siddiqui, Kian Fan Chung, Ian Micheal Adcock

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Dupilumab improves long-term asthma control in German patients with severe asthma: Real-word data
Andreas Renner (Wien, Austria), Slagjana Stoshikj, Christina Bal, Christian Schulz, Dirk Skowasch, Margret Jandl, Katrin Milger, Olaf Schmidt, Rainer Ehmann, Christian Taube, Eckard Hamelmann, Roland Buhl, Stephanie Korn, Marco Idzko

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Success of biologics in patients with co-morbid severe asthma and COPD – do we need a more individualised definition of success?
Rachel Burton (Liverpool, United Kingdom), Maria Puthoor, Fred Fyles, Hannah Joplin, Lisa Lewis, Hassan Burhan

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Role of Epithelial Barrier Integrity in Biologic Treatment Response of Severe Asthmatics With/Out Chronic Rhinosinusitis With Nasal Polyps (CRSwNP): Study design and preliminary results
Liva Georgia (, Greece), Styliani Viziriannaki, Eliza Tsitoura, Nikoleta Bizymi, Marilena Lourou, Ioanna Argyriou, Emmanouel Prokopakis, Alexandros Karatzanis, Nikolaos Tzanakis, Katerina M. Antoniou

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Does frequency matter to patients? Views on current and upcoming severe asthma biologics
Bethan Wright (London, United Kingdom), Irene Berrar Torre, Ana-Maria Bucataru, Sara Mamo, Emer Mchugh, Karylle Azarce, Pujan H Patel

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Longitudinal study of the impact of severe asthma biologic treatment on the body mass index (BMI)
Claudia Ajayi (Bromsgrove, United Kingdom), Julie Marsh, Ali Bahron, Adel Mansur

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Ex-vivo three-dimensional model of T2-asthma: effects of the monoclonal antibody against interleukin-4 receptor α
Alida Benfante (Palermo (PA), Italy), Giorgia Intili, Maria Denise Amico, Stefano Burgio, Michele Domenico Modica, Salvatore Poma, Alessandro Pitruzzella, Alberto Fucarino, Alessandra Tomasello, Fabio Bucchieri, Nicola Scichilone

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Improvements in FEV1 and St George's Respiratory Questionnaire (SGRQ) at 4 and 16 weeks on benralizumab are strongly associated with clinical remission at 1 year
Jennifer Logan (Glasgow, United Kingdom), Kirsty Wetherall, Lynsey Gillespie, Alex Mcconnachie, Wai-Ting Nicola Lee, Hassan Burhan, Thomas Brown, Shoaib Faruqi, David J Jackson, Ramesh Kurukulaaratchy, Adel H Mansur, Dinesh Saralaya, Stephen J Fowler, Pujan Patel, James Brown, James Lordan, Salman Siddiqui, P Jane Mcdowell, Ratko Djukanovic, Ian D Pavord, Liam G Heaney, Christopher E Brightling, Rekha Chaudhuri

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Effect of benralizumab on the levels of bronchial epithelial-produced alarmins, collectins and mucosal-associated chemokine CCL28 in the blood of patients with severe eosinophilic asthma
Virginija Kalinauskaitė-Žukauskė (Kauno raj. , Lithuania), Andrius Januškevičius, Eglė Vasylė, Airidas Rimkūnas, Jolita Palačionytė, Kęstutis Malakauskas

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Effect of benralizumab on small airways and CT imaging in patients with severe eosinophilic asthma
Italo Giovanni Bonatto (São Paulo (SP), Brazil), Regina Carvalho-Pinto, Samia Rached, Alberto Cukier, Rodrigo Athanazio

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T-ROSS study: Baseline characteristics and comorbidity burden
Gabriel Niza Fresno (CÓRDOBA, Spain), José Luis Velasco Garrido, Francisco Ramos-Lima, Marta Alegria, Gema Monteagudo, Ismael García Moguel

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Asthma control and QoL among Canadian patients with severe eosinophilic asthma (SEA): 2-year real-world results
Erika Penz (Saskatoon, Canada), Mackenzie Hamilton, Brett Lancaster, Charles St. Pierre, Jason Lee, Delbert Dorscheid, Pierre-Alexandre Ménard, Tharwat Fera, Amin Thawer, Brandie Walker, Gordon Sussman, Warren Ramesh, Olga Tourin, Justin Sebastian, Irfan Khan, George Philteos, Lawrence Mbuagbaw

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Diaphragmatic function in severe asthma patients treated with biologics: The BIO-US study
Andrea Alessia Nardo (Catania, Italy), Martina Sinitò, Santi Nolasco, Francesco Pennisi, Fabio Vignera, Concetta Giannì, Morena Porto, Rossella Intravaia, Stefano Alia, Pietro Impellizzeri, Raffaele Campisi, Carlo Vancheri, Claudia Crimi

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The impact of Tezepelumab therapy on perceived asthma triggers: a multicentre real-life study.
Francesca Montagnolo (Bari, Italy), Andrea Portacci, Giulia Scioscia, Silvano Dragonieri, Maria Aliani, Ernesto Lulaj, Pietro Magaletti, Piera Soccio, Luciana Salerno, Donato Lacedonia, Giovanna Elisiana Carpagnano

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REIMAGINE: A prospective real-world evaluation of clinical remission in patients with severe asthma treated with mepolizumab in a timely manner
Florence Schleich (Liège, Belgium), Peter Howarth, Lisette Delgado Sanchez, Francesca Puggioni, Brian Modena, Richard Leigh, David Ramos-Barbón, Steven Gould, Lingjiao Zhang, Rikkita Unadkat, Carla Vossen, Rafael Alfonso-Cristancho

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Biologic treatment outcomes for severe asthma in Singapore
Cheryn Yu Wei Choo (Singapore, Singapore), Youxin Puan, Nicole Yu Fang Sieow, Kheng Yong Ong, Sok Boon Tay, Jolene Jiaxuan Liu, Kai Xin Low, Pei Yee Tiew, Tunn Ren Tay, Mariko Siyue Koh

PS-12 Session 08:00 - 09:30

Poster session: The airway diseases pipeline: from molecular targets to therapeutic candidates

Disease(s) : Airway diseases

Method(s) : Endoscopy and interventional pulmonology Cell and molecular biology Pulmonary function testing Imaging

Chairs : Lena Uller (Lund, Sweden), Juan José Nieto-Fontarigo (Santiago De Compostela, Spain)

Efficacy of Spray Cryotherapy on Airway Secretions in Canine Models of Chronic Bronchitis and Mechanism Insights
Bingbing Wang (Shanghai, China), Shuanshuan Xie, Changhui Wang

Positive feedback loops as potential contributors to Interleukin-17A-driven synergistic potentiation of inflammatory response and corticosteroid insensitivity
Nurlan Dauletbaev (Marburg, Germany), Wided Akik, Sophia Egbers, Mylinh Truong, Thomas Damm, Janine Koepke, Christy Gnagbo, Christopher Leclerc, Jennifer Fraszczak, Tarik Möröy, Frederik Helmprobst, Katrin Laakmann, Bernd Schmeck, Elena Pohl, Renate Effner, Christian Birk, Ellen Renner, Ulrich Zissler, Claus Vogelmeier, Larry Lands

The specialised pro-resolving mediators protectin D1 and maresin 1 dampen IL-13-induced airway hyperreactivity in isolated human airways
Willem Abma (Stockholm, Sweden), Jesper Säfholm, Craig Wheelock, Mikael Adner, Henric Olsson, Sven-Erik Dahlén

Fucoidan-coated liposomes with azithromycin and curcumin: a novel approach to treat inflammatory lung diseases
Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), María Julia Altube, Sofía Patané, Horacio Jerez, Ezequiel Latour, Andrea Ponce, Fernando Dellatorre, Juan Manuel Figueroa, Ana Paula Perez, Andrea Dugour

Properties of the IL-33 blocker, itepekimab, enable greater efficacy in an airway inflammation mouse model.
George Scott (Tarrytown, United States), Wen-Chi Chen, Smita Aryal, Aasma Kahn, Jee Hae Kim, Matthew A. Sleeman, Andrew J. Murphy, Seblewongel Asrat, Jamie M. Orengo

Targeting airway inflammation and dysfunction in non-cystic fibrosis bronchiectasis with KIT2014 inhaled peptide
Valentina Sala (Torino, Italy), Laura Tasca, Alessandra Murabito, Angela Della Sala, Carla Uslenghi, Emilio Hirsch, Alessandra Ghigo

Production and characterization of Apolipoprotein A1 nanoparticles as a new therapeutic vector for lung diseases.
Marie Laurine APALAMA (Saint-Pierre, Reunion), Luan Givran, Béatrice Navarette, Pierre Giraud, Matthieu Bringart, Philippe Rondeau, Olivier Meilhac, Benoît Allard

Therapeutic effect of SOD secreting Bacillus in smoking-exposed emphysema
Na Hyun Kim (Seoul, Republic of Korea), Heeseo Kim, Hee Young Kim, Sei Won Lee

PGC-1 α reprogramming of mitochondrial metabolism synergistic PPAR γ -dependent polarization homeostasis of AMs
Dan Wang (Chongqing, China)

In vitro and in vivo effects of Carbocysteine on TSLP and oxidative stress
Paola Pinto (PALERMO, Italy), Daniele Donzì, Serena Di Vincenzo, Maria Ferraro, Valentina Lazzara, Maria Giuseppina Bruno, Nadia Moukri, Bernardo Patella, Rosalinda Inguanta, Elisabetta Pace

Effects of a non-steroidal anti-inflammatory dry powder and excipients on respiratory mechanics and bronchial responsiveness in ovalbumin-sensitized rats
Fruzsina Kun-Szabó (Szeged, Hungary), Gergely H. Fodor, Petra Somogyi, Heba Banat, Petra Party, Rita Ambrus, Ildikó Csóka, Ferenc Peták

Kudinoside A attenuates epithelial barrier dysfunction in COPD mouse model through inhibition of GSDMD-mediated pyroptosis
Min Zhang (, China), lei han, Maosen Dou, Lei Zhao, Hang Su, Xue Tian

mPGES inhibitor induces a switch to prostacyclin in human alveolar epithelial cells and lung fibroblasts
Anna-Karin Larsson-Callerfelt (Lund, Sweden), Ida Rosdal, Pia Ecke, Batelle Militeano, Nora Marek, Charlotte Edenius, Göran Tornling

Sputum cytokine profile differences in severe asthma and bronchiectasis
Alex Mulvanny (Manchester (Greater Manchester), United Kingdom), Stephen Fowler, Thomas Pantin, Marion Wood, Robert Lord, Gael Tavernier, Dave Singh

Cigarette smoke exposure differentially affects male and female steroid hormone production and lung function in a COPD mouse model
MOUNIKA GUNTIPALLY (Sydney, Australia), Lauren Fairley, Philip Hansbro

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HDAC11 inhibition effects on β2AR localization, signaling and function in airway smooth muscle
Raymond Penn (Philadelphia, United States), Arun Jannu, Elham Javed, Emma Robinson, Dominic Villalba, Elithaveta Valovatsky, Lisa Yan, Kaitlyn Lee, Timothy Mckinsey

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Bronchorelaxant effects of 6-Nitrodopamine in human airway smooth muscle
Luigino Calzetta (Roma (RM), Italy), Rafael Campos, Shima Gholamalishahi, Yanira Riffo-Vasquez, Gilberto De Nucci, Paola Rogliani, Clive Page

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Single cell omics identify an anti-inflammatory niche through crosstalk between secretory cells and interstitial macrophages in mild to moderate COPD
Baihui Lv (Hangzhou, China)

FFAR2 and FFAR3 modulate smoking-induced emphysema via an HDAC-independent pathway
Heeseo Kim (SEOUL, Republic of Korea), Na Hyun Kim, Sei Won Lee

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PS-38 Session 08:00 - 09:30

Poster session: Pulmonary arterial hypertension: risk assessment and impact of current and newly developed treatments

Disease(s) : Pulmonary vascular diseases Interstitial lung diseases

Method(s) : General respiratory patient care Pulmonary rehabilitation Physiology Public health Pulmonary function testing Imaging Epidemiology Respiratory intensive care

Chairs : Jurjan Aman (Amsterdam, Netherlands), Chair to be confirmed

Sotatercept in pulmonary arterial hypertension (PAH): long-term follow-up in SOTERIA
Ioana R Preston (Burlington, United States), David Badesch, Hossein-Ardeschir Ghofrani, J. Simon R. Gibbs, Mardi Gomberg-Maitland, Marius Hoeper, Marc Humbert, Vallerie V. Mclaughlin, Aaron B. Waxman, Solaiappan Manimaran, Howard M. Julien, Harald S. Mackenzie, Maria José Loureiro, Alexandra G. Cornell, Rogerio Souza

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Cardiopulmonary exercise testing responses to treatment in patients with pulmonary arterial hypertension and cardiopulmonary comorbidities
Andrea Baccelli (London, United Kingdom), Rocco F. Rinaldo, Rachel J. Davies, Beatrice Vigo, Francesco Lo Giudice, Gulammehdi Haji, Luke S. Howard

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Risk assessment in Pulmonary Arterial Hypertension: comorbidities impact
Albert Riudor Guri (Barcelona, Spain), Ricardo José Aguilar Colindres, Marina Paredes López, Ana María Ramírez, Montse Raventós Catasús, Joan Albert Barberà Mir, Isabel Blanco Vich

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Seralutinib increases small pulmonary artery vessel volume and reduces vessel wall remodeling: Insights from AI-driven CT imaging analysis
Raul San Jose Estepar (Somerville, United States), Pietro Nardelli, Robin Osterhout, Jean-Marie Bruey, Thao Duong-Verle, Richard Aranda, Roham T. Zamanian, Lawrence S. Zisman, Farbod N. Rahaghi

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Seralutinib decreases endotrophin (PRO-C6) production, a mediator of fibrosis and inflammation, in an in vitro model of pulmonary fibrosis
Zhaoqing Ding (San Diego, United States), Mark Kuipers-Skarsfeldt, Robin Osterhout, Filipa B. Simões, Jannie Marie Bülow Sand, Lawrence S. Zisman, Sidra Hoffman, Robert F. Roscigno, Richard Aranda, Lawrence Ho, Ravikumar Sitapara, Eduardo Garcia, Anna R. Hemnes, Roham T. Zamanian, Bruno Guedes Baldi, Rogério Souza, Tomás Pulido, Morten Karsdal, Jean-Marie Bruey, Toby M. Maher

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Pre-license patient access Program of Sotatercept in high-risk PAH patients under triple combination therapy, in a greek PAH centre
Frantzeska Frantzeskaki (Anoixi, Greece), Dimitrios Konstantonis, Maria Melissopoulou, Maria Doumani, Iraklis Tsagkaris

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A longitudinal study of digital walk tests in the community: patient-centred measures of activity in patients with pulmonary hypertension.
Joseph Newman (Cambridge, United Kingdom), Vidisha Handoo, Eckart De Bie, Lucy Robertson, Hakim Ghani, Shiv Munagala, Rowena Jones, Iain Armstrong, Elin Haf Davies, Matt Granato, Katherine Bunclark, John Cannon, Karen Sheares, Dolores Taboada Buasso, Joanna Pepke-Zaba, Frances Varian, Colin Church, Gerry Coghlan, Stefan Gräf, Luke Howard, David Kiely, Jim Lordan, Rob Mackenzie Ross, S. John Wort, . Pulmonary Hypertension Global Patient Survey Collaboration, . Uniphy Clinical Trials Network, . National Cohort Study Of Pulmonary Hypertension, Alex Rothman, Mark Toshner

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Long-term efficacy and safety of rehabilitation in stable PAH patients: results from the FONCE-HTAP trial
Laurent Bertoletti (Saint Etienne Cedex, France), Ségolène Turquier, Hélène Bouvaist, Cécile Tromeur, Irina Enache, Marie-France Seronde, Claire Dauphin, Remi Diesler, Marianne Noirclerc, Francis Couturaud, Souad Bezzeghoud, Carine Labruyere, Céline Chapelle, Clément Boissin, David Montani, Vincent Cottin, Christophe Pison, Frédéric Costes, David Hupin

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Five-year survival in Pulmonary Hypertension patients: risk stratification by a machine learning approach.
Maria Pia Claudia Varlese (Foggia, Italy), Pasquale Tondo, Fabiola Murgolo, Giulia Scioscia, Giuseppe Galgano, Daphne Aruanno, Lucia Tricarico, Maria Pia Foschino Barbaro, Michele Correale, Donato Lacedonia

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Assessment of Pulmonary Arterial Hypertension management at the time of death: a comparative study between France and the UK
Athénaïs Boucly (Paris, France), Laurent Savale, Luke Howard, Xavier Jaïs, Mitja Jevnikar, David Montani, Christopher Rhodes, Marc Humbert, Martin Wilkins, Olivier Sitbon

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Impact of dynapenia on the prognosis of patients at high risk of pulmonary hypertension.
Ana Gabriela Meléndez Galeana (México, Mexico), Laura Patricia Arcos Pacheco, Dulce González Islas, Rocío Sánchez, Arturo Orea Tejeda, Andrea Barcenas Montiel, Danna Paola Jiménez Cruz, Magaly Arroyo, Ariana Hernández, Carlos Patricio Chávez Guzmán, Luis Aldo Delgado Pérez, María José Hernández Hernández, Esteban Marsel Bazaldua Pacheco, Nadia Hernández López, Juan García, Mariana Valdés Moreno, José García

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Prognostic value of right ventricular myocardial work in patients with pulmonary arterial hypertension
Simon Valentin (Nancy, France), Nathalie Pace, Filippetti Laura, Fraix Antoine, Olivier Huttin, Damien Mandry, Freddy Odille, Anne Guillaumot, Christine Selton-Suty, Ari Chaouat

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Usefulness of Risk Stratification in the 2022 ESC/ERS Guidelines for group 3 Pulmonary Hypertension
Keiko Yamamoto (Chiba, Japan), Nobuhiro Tanabe, Jun Nagata, Akira Naito, Ayumi Sekine, Rika Suda, Toshihiko Sugiura, Ayako Shigeta, Seiichiro Sakao, Koichiro Tatsumi, Takuji Suzuki

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Evaluating the Prognostic Accuracy of ESC/ERS Risk Stratification Models in Pulmonary Arterial Hypertension Patients in Saudi Arabia
Abdullah Alharbi (Riyadh, Saudi Arabia), Abdalaziz Biyari, Abdulrahman Basuwdan, Osama Alrodiman, Abdullah Ba Suliman, Bader Alyousef

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Dose rationale for UNISUS, an ongoing, event-driven, phase III superiority study evaluating macitentan 75mg vs 10mg in pulmonary arterial hypertension (PAH)
Dénes Csonka (Allschwil, Switzerland), Juan Jose Perez Ruixo

Risk Improvements in Ralinepag Open-Label Extension
Colin Church (Glasgow (Glasgow), United Kingdom), George Giannakoulas, Gisela Martina Bohns Meyer, Joan Albert Barberà, Søren Mellemkjær, J Gerry Coghlan, John Feenstra, Miluska Escudero, Victoria Lacasse, Wei Zhao, Scott Seaman, Derek Solum, Marc Humbert

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Real-world clinical outcomes according to individualised selexipag dose in pulmonary arterial hypertension (PAH)
Tobias Lange (Bad Reichenhall, Germany), Pilar Escribano-Subias, Julian Borissoff, Catarina Fernandes, Martina Fontana, Apoorva Venkatesh, Stefan Söderberg, Sean Gaine

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Partial remission induction in pulmonary arterial hypertension and its predictors
Keiichiro Kuronuma (Okayama, Japan), Shunsuke Chikama, Yasuhito Hamaguchi, Akira Honda, Misaki Kanezawa, Soichiro Kobashi, Fumi Yokohama, Tomonari Kimura, Masataka Shigetoshi, Isao Tabuchi, Hiroto Shimokawahara, Atsuyuki Watanabe, Hiromi Matsubara

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µCT Analysis of Microvascular Hemodynamics in PAH
Gitte Aerts (Leuven, Belgium), Lynn Willems, Astrid Vermaut, Vincent Geudens, Pieterjan Kerckhof, Charlotte Hooft, Laura Hardy, Xin Jin, Emanuele Muscogiuri, Marion Delcroix, Rozenn Quarck, Bart M. Vanaudenaerde, Laurent Godinas

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Tissue and peripheral oxygen saturation during maximal exercise in pulmonary hypertension
Carolina Dorigon (Campinas, Brazil), Kelvin Ribeiro, Tatiana Kyota, Layse Nakazato, Giovani Martins, Paulo Mendes, Lígia Ratti, Rickson Mesquita, Monica Pereira

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PS-30 Session 08:00 - 09:30

Poster session: Tuberculosis co-morbidity and post-tuberculosis lung disease

Disease(s) : Respiratory critical care | Airway diseases | Thoracic oncology | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : Endoscopy and interventional pulmonology | Pulmonary function testing | Epidemiology | General respiratory patient care | Imaging | Public health

Chairs : Gunar Günther (Bremgarten bei Bern, Switzerland), Chair to be confirmed

Cross-cultural reliability of Van Rie TB perceived stigma scale among TB survivors in North India
Anchal Jain (Rohtak, India), Arup Saha

Opportunistic diagnosis of osteoporosis based on chest computed tomography (CT) data in patients with drug-resistant pulmonary tuberculosis (DR-TB)
Galyna Gumeniuk (Kyiv, Ukraine), Yuriy Feshchenko, Mykola Lynnyk, Mykola Gumeniuk, Viktoria Ignatieva, Svitlana Opimakh

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Pulmonary tuberculosis, hypercoagulable state and venous thromboembolic disease
Khaled Tlili (Constantine, Algeria), Raouf Zouitene, Redouane Belala, Yacine Djeghri

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Post TB Lung Diseases (PTLD) and AI (Artificial Intellegence)
Sarang Patil (Dhule (Maharashtra), India)

Diagnosis and treatment of BCG-itis among patients treated with intravesical BCG.
Christian Niels Meyer (Roskilde, Denmark), Bakir N I Al-Jarah, Peter P Benzin, T Freja M Fornander, Juan L Vasquez

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Impact of Post-Tuberculosis Lung Disease on Quality of Life: A Prospective Study Using the FACIT-TB Tool
Angela Maria Giraldo Montoya (Pereira, Colombia), Giovanni García-Castro, Luisa Fernanda Sierra, Gloria Stefany Fernandez

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Phenotyping with single-dose isoniazid to identify slow acetylators in patients with drug-induced hepatotoxicity
Cynthia van Arkel (Nijmegen, Netherlands), Ralf Stemkens, Cécile Magis-Escurra, Wouter Hoefsloot, Neeltje Carpaij, Jakko Van Ingen, Arjan Van Laarhoven, Rob Aarnoutse

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Diabetes and pulmonary tuberculosis: clinical, radiological and biological aspects
Soumaya Bouchareb (Ksar Hellal, Tunisia), Nadia Keskes Boudawara, Houda Laaouini, Seif Dhif, Chayma Jneyeh, Mohamed Ali Hlaoui, Hana Dhaifallah, Salma Bouazzi, Soumaya Chebbi, Nizar Safta, Leila Boussoffara

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Granulomatous lymphadenitis in Endobronchial Ultrasound: to be or not to be TB?
Maria João Cavaco (Lisboa, Portugal), Telma Sequeira, Ambrus Szantho, Jorge Dionísio

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Impact of small airways disease on reduced oxygen consumption during exercise in adults with post-tuberculosis lung disease
Isabela Aziz (Niteroi, Brazil), Isabela Tamiozzo Serpa, Marcela Pinto Venâncio Lourenço Da Silva, Paulo Vitor Leandro Da Silva Pinto, Alicia Sales Carneiro, Walter Costa, Ana Paula Santos, Agnaldo José Lopes

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Dynamic and static lung volumes in post tuberculosis pulmonary sequelae
Anjana Talwar (Noida (Uttar Pradesh), India), Manish Pathak, Geetanjali Bade, Saurabh Mittal, Ashu Seith Bhalla, Priyanka Naranje, Karan Madan

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Segmentation of lung images using artificial intelligence for the identification of PTLD lesions
Angela Maria Giraldo Montoya (Pereira, Colombia), Giovanni Garcia-Castro, Luisa Fernanda Sierra, Gloria Stefany Fernandez, William Martinez, Juan Camilo Martinez

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Endothelial functional assessment through flow-mediated dilation in people living with HIV after treatment for pulmonary-tuberculosis: preliminary insights from an ongoing study
Fernando Val (Manaus, Brazil), Juliana Magalhães, Stephanie Vitória Alves, Bernardo Maia, Ana Paula Feitosa, Karoline Kitzinger, Jefferson Valente, Anna Gabriela Rezende, Leandro Garcia, Alexandra Brito De Souza, Marcelo Cordeiro-Santos, Cassia Da Luz Goulart, Guilherme Peixoto Areas

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POST-TUBERCULOSIS FUNCTIONAL SEQUELAE IN SPAIN
Maria Luisa Polonio Gonzalez (sevilla, Spain), Eva Tabernero Huget, Luis Anibarro García, ANTONIO León Lloreda, Teresa Rodrigo Sanz, Marisol Domínguez Álvarez, Mariara Calderón Alcalá, Francisco Campos Rodríguez, Jose Antonio Gullón Blanco, Josefina Sabria Mestas, Isabel Suarez, Juan Francisco Medina Gallardo

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Clinical manifestations and bronchial lavage fluid features of post-tuberculosis bronchiectasis in Vietnam
Dinh-Loc Nguyen (Ho Chi Minh, Vietnam), Ho-Lam Nguyen, Van-Ngoc Tran

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Percentage of diabetes mellitus among tuberculosis patients in a tertiary care hospital in India
Rashmi Ratnam (Lucknow, India), R A S Kushwaha, Parul Jain, Amita Jain, Varun P Singh

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Extra Pulmonary Tuberculosis (EPTB) presenting as Cancer mimics
Aayushi Gupta (Mumbai, India), Pranavi Amin, Anish Lodha, Karmay Shah, Pranav Pandya, Anjaly Pillai, Kriti Yc, Anshu Punjabi, Pavankumar Biraris, Maheema Bhasker, Sandeep Tandon

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A comparative study of tuberculous and non-tuberculous pleural infections
Hai Quan Lee (Singapore, Singapore), Jonathan Wong, Qishan Lim, Yvonne Goh, Glenn Khai Wern Yong

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Effect of ambient temperature on pulmonary tuberculosis in Taiwan
Xuan Ngoc Tran (Taipei, Taiwan), Jer-Hwa Chang, Hsiao-Chi Chuang

Which came first? Investigating the bidirectional relationship between tuberculosis and chronic lung disease using longitudinal data from a high incidence setting
Claire Calderwood (London, United Kingdom), Denise Banze, Edson Marambire, Celina Nhamuave, Katharina Kranzer, John R Hurst, Celso Khosa

PS-22 Session 08:00 - 09:30

Poster session: Bronchiolitis, bronchiectasis and beyond: challenges in paediatric lower respiratory tract infections

Disease(s) : Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Public health Imaging Cell and molecular biology Endoscopy and interventional pulmonology

Chairs : Steve Cunningham (Edinburgh (Scotland), United Kingdom), Chair to be confirmed

The development of a paediatric bronchiectasis quality of life (PBQoL) questionnaire.
Hollie Smith (Birmingham, United Kingdom), Prasad Nagakumar, Siobhan Carr, Stefan Unger, Kirstin Unger, Priti Kenia

Pulmonary exacerbations in paediatric non-CF bronchiectasis: a parental perspective
Manisha Ramphul (Leicester, United Kingdom), James Bubb, Deepa Patel, David K H Lo

Macrolide prophylaxis in recurrent paediatric chest infections: A low risk for resistance?
Sairah Akbar (Cambridge, United Kingdom), Kathryn Kimber

Literature review on the transition of adolescents and young adults with bronchiectasis: a Child-BEAR-Net ERS Clinical Research Collaboration
Laura Garriga Grimau (Barcelona, Spain), Keith Grimwood, Andrew Bush, Bulent Karadag, Rebecca Fortescue, Oleksandr Mazulov, Eva Polverino, Jeanette Boyd, Zena Powell, Alexander Möller, Angela Zacharasiewicz, Marijke Proesmans, Carolina Constant, James Chalmers, Adam Hill, Matthias Griese, Efthymia Alexopoulou, Pamela Laird, Laura Petrarca, Fabio Midulla, Konstantinos Douros, Stephanie T Yerkovich, Charlotte Wright, Ahmad Kantar*, Anne B Chang* (*co-Senior Authors)

Lower airway sampling in paediatric bronchiectasis (PB): 5-year experience at a UK tertiary center
Rahul Sharma (Bhopal (Madhya Pradesh), India), Hollie Smith, Christopher Hine, Prasad Nagakumar, Priti Kenia

Children with chronic cough - what′s following
Marina Praprotnik (Ljubljana, Slovenia), Aleksandra Zver, Airin Veronese, Uros Krivec, Dusanka Lepej, Jasna Rodman Berlot, Sasa Setina Smid, Paola Pascolo

Impact of Nirsevimab on bronchiolitis: reduction in hospitalizations and severity
Yolanda Mañes Jiménez (, Spain), Maria Teresa Romero Rubio, María Sinisterra Pérez, Silvia Ruiz Climent, Elena Lucas Sáez, Inés Costa Alcacer

Efficacy of 3 % hypertonic saline on bronchiolitis symptom severity scores: a meta-analysis
Susanne Sauerer (Starnberg, Germany), Rosina Ledermüller, Lefteris Teperikidis, Arshan Perera

Efficacy of 3% Hypertonic Saline for Reducing Hospitalization Rates in Children with Bronchiolitis: A Meta-Analysis.
Rosina Ledermüller (Starnberg, Germany), Susanne Sauerer, Lefteris Teperikidis, Arshan Perera

Blood count and inflammatory markers: potential predictors of bronchiolitis severity
Antonella Gambadauro (Barcellona Pozzo di Gotto, Italy), Simone Foti Randazzese, Federica Xerra, Salvatore Mollica, Alessandra Li Pomi, Malgorzata Wasniewska, Giuseppina Zirilli, Sara Manti

Risk factors and clinical burden of RSV hospitalization in the second year of Life: A multi-center study
Keren Armoni Domany (Tel-Aviv, Israel), Nitzan Burrack, Inbal Golan-Tripto, Kamal Masarweh, Michal Gur, Mika Rochman, Moria Beer, Dario Prais, Merav Mor, Moran Weinberger Opek, Elias Nasrallah, Orli Megged, Rachel Shatzman Steuerman, Michal Stein, Zohar Steinberg, Avigdor Mandelberg, Shereen Shehadeh, Diana Tasher

Combination of genotypes as genetic markers of COVID-19 severity and lung injury in children from Ukraine
Tetiana Harashchenko (Kyiv, Ukraine), Tetiana Umanets, Volodymyr Lapshyn, Oleksandra Gorodna, Ludmila Livshits, Yurii Antypkin

Pulmonary involvement in COVID-19 infection in premature children from the perspective of imaging investigations
Corina Conica (Chisinau, Republic of Moldova), Svetlana Sciuca

Rising cases of pertussis in Albania: should we review our vaccination strategies?
Sonila Borici (Tirana, Albania), Brunilda Hyseni, Ilir Akshija

Pertussis' cases in American continent: a temporal analysis between 2018 and 2023.
Renato Goncalves Felix (Bariri, Brazil), Lucas Casagrande Passoni Lopes

Clinical and microbiological profile of recurrent pulmonary infections in children with primary immunodeficiencies from Moldova
Cristina Tomacinschii (Chisinau, Republic of Moldova), Rodica Selvestru, Mihaela Bataneanț, Svetlana Sciuca

The Impact of Nasopharyngeal Microbiota Changes on Clinical Presentation of Human Bocavirus Infection in Children with Wheezing
Yuqing Wang (Suzhou, China), Fengqian Wang, Sainan Chen, Min Wu

Analysis of clinical characteristics of chlamydia trachomatis infection in children with lower respiratory tract infection
Yuqing Wang (Suzhou, China), Zhen Zhang, Fenqian Wang

Bronchial compression and lymph node herniation in paediatric pulmonary tuberculosis – a single-centre case series
Pia Maier (Hannover, Germany), Nicolaus Schwerk, Katharina Schütz, Gesine Hansen, Martin Wetzke

Lung Ultrasonography in Pediatric Pulmonology: A Key Tool Not Only for Diagnosis, but Also for Monitoring and Early Complication Detection
Mina Hizal (Ankara, Turkey), Oguz Böük, Burcu Cura Yayla

PS-39 Session 08:00 - 09:30

Poster session: Pulmonary embolism poster session 2

Disease(s) : Pulmonary vascular diseases | Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Imaging | Epidemiology | General respiratory patient care | Physiology | Respiratory intensive care | Endoscopy and interventional pulmonology | Pulmonary function testing | Pulmonary rehabilitation | Surgery

Chairs : Luke Howard (London, United Kingdom), Sladjana Radosavljevic (Novi Sad, Republic of Serbia)

Development of a machine learning-based model to predict overall survival in CTEPH patients with low muscle mass: a cohort study
Kai Wang (Beijing, China), Xiangnan Li, Gang Hou, Xiaoming Zhou

The role of Q-SPECT CT in identifying post-pulmonary embolism sequelae: a novel approach to risk stratification and management
Igor Ivanes (Chisinau, Republic of Moldova), Galina Sorici, Irina Civirjic, Nadejda Diaconu, Aurel Grosu, Marina Gorohova, Anastasia Ivanes, Ana Plugaru, Rada Ambroci, Victoria Caraus, Diana Lupu, Olga Rusanovschi- Balica, Artiom Surev

Investigation of the sclerosing effect of increasing doses of polidocanol on pulmonary vessels: Experimental study
Duygu Zorlu (İzmir, Turkey), Imran Özdemir, Nuray Bayar Muluk, Enes Güngör, Evrim Yilmaz, Cemal Cingi

Venous and arterial thromboembolic complications in covid-19: prevalence and risk factors in the intensive care setting
Amira Jamoussi (Ariana, Tunisia), Mohamed Khalil Ghozzi, Nacef Ben Mrad, Selim Sellaouti, Emna Rachdi, Saoussen Hantous, Samia Ayed, Jalila Ben Khelil

Gaps and comparison in knowledge and management on venous thromboembolism in nephrotic syndrome: a national survey of pulmonologists and nephrologists
Dingyi Wang (Beijing, China), Xiaomeng Zhang, Xin Liu, Guohui Fan, Zhenguo Zhai

Exploring correlation between alkaline phosphatase and venous thromboembolism in East Asian populations: a cohort and Mendelian randomization study
Haobo Li (Beijing, China), Haichao Wu, Zhu Zhang, Siyuan Liang, Zhenguo Zhai

Prevalence and characteristics of OSA patients in a pulmonary embolism clinic
Laura Castellanos López (Madrid, Spain), Mateo Hevia Menéndez, Elabbes Riffai, Manuel Emilio James Sosa, María González González, Julio Ancochea Bermúdez, Elena Ávalos Pérez-Urria, Pedro Landete Rodríguez, Emma Vázquez Espinosa

Comparison of international guideline recommendations for the treatment of acute pulmonary embolism
Casper Falster (Odense, Denmark), Gro Egholm, Jess Lambrechtsen, Asger Andersen, Rupert Bauersachs, Frederikus Klok, Anton Vonk Noordegraaf

Machine learning uncovers risk factors for cardiopulmonary events in real-world COPD patients
Matthew Moll (Boston, United States), Fang Liz Zhou, Majd Mouded, Claire Brulle-Wohlhueter, Lynda M Cristiano2, Nina Temam, Julie Barberio, Théophile Reppelin, Ce Jiang, Louise Dry, Muthiah Vaduganathan

Prediction of arterial blood gas parameters using artificial intelligence algorithms
Gergely H. Fodor (Szeged, Hungary), László Ábel Szűcs, Ádám L. Balogh, Barna Babik, Ferenc Peták

PS-11 Session 08:00 - 09:30

Poster session: Biologics for COPD: cutting-edge data

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Cell and molecular biology General respiratory patient care Pulmonary function testing

Chairs : Alexander Mathioudakis (Manchester, United Kingdom), Chair to be confirmed

A phase 3 extension study evaluating long-term efficacy and safety of tozorakimab in COPD: PROSPERO study design
Henrik Watz (Ahrensburg, Germany), Frank C Sciurba, Raj Patel, Gabriela Luporini Saraiva, Martin Jenkins, Magnus Lofdahl, Jia Li, Marta Mikosz, Natsuko Kishishita, Sonya Jackson, Malin Fagerås, Ioannis Psallidas

Phase 3 studies evaluating the efficacy and safety of tozorakimab in COPD: OBERON and TITANIA study designs
Frank Sciurba (Pittsburgh, United States), Henrik Watz, Arnaud Bourdin, Jinping Zheng, Wim Janssens, Maarten Van Den Berge, Raj Patel, Gabriela Luporini Saraiva, Martin Jenkins, Magnus Lofdahl, Jia Li, Marta Mikosz, Natsuko Kishishita, Sonya Jackson, Malin Fagerås, Ioannis Psallidas

Phagocytosis capacity in neutrophilic COPD patients.
James Baker (MANCHESTER, United Kingdom), Rosemary Gaskell, Jian Li, Alex Mulvanny, Augusta Beech, Simon Lea, Dave Singh

COPD patients managed in primary care – Proportion of patients potentially eligible for biologic therapy
Erik Sören Halvard Hansen (Lejre, Denmark), Amalie Alstrup Bjaldby, Charlotte Suppli Ulrik

Win ratio analysis of dupilumab efficacy in patients with chronic obstructive pulmonary disease and type 2 inflammation: BOREAS and NOTUS
Sanjay Ramakrishnan (Nedlands, Australia), Simon Coulliard, Nayia Petousi, Jessica Bon, Ian D. Pavord, Surya P. Bhatt, Klaus F. Rabe, Wenying Deng, Changming Xia, Jigna Heble, Mena Soliman

Association between dupilumab and repeated exacerbations of chronic obstructive pulmonary disease: BOREAS and NOTUS
Mona Bafadhel (London, United Kingdom), Surya P. Bhatt, Simon Couillard, Celeste Porsbjerg, Nadia N. Hansel, Paramita Saha-Chaudhuri, Mena Soliman, Danen M. Cunoosamy

The number needed to treat with dupilumab to prevent moderate or severe chronic obstructive pulmonary disease exacerbations: BOREAS and NOTUS
Nicola Hanania (Houston, United States), Surya P. Bhatt, Fernando J. Martinez, Klaus F. Rabe, Min Zhang, Changming Xia, Ernesto Mayen Herrera, Vijay Alagappan

Dupilumab efficacy in patients with chronic obstructive pulmonary disease and cardiovascular or metabolic disease: BOREAS and NOTUS
John R Hurst (London, United Kingdom), Paola Rogliani, Klaus F. Rabe, Nathaniel M. Hawkins, Nadia N. Hansel, Claus F. Vogelmeier, Surya P. Bhatt, Changming Xia, Jigna Heble, Mena Soliman

Effect of add-on dupilumab in elderly patients with chronic obstructive pulmonary disease: BOREAS and NOTUS
Jigna Heble (, United States), Victor Pinto-Plata, David M. Mannino, Klaus F. Rabe, Fernando J. Martinez, Meilan K. Han, Shigeo Muro, Francesca Puggioni, Antonio Anzueto, Paramita Saha-Chaudhuri, Mena Soliman

Relationship between improvement in lung function and patient-reported outcomes in chronic obstructive pulmonary disease with dupilumab treatment: causal mediation analyses
Surya Bhatt (Birmingham, United States), Rosa Faner, Chris E. Brightling, Fernando J. Martinez, Mei Zhang, Mena Soliman, Danen M. Cunoosamy

EFFECTIVENESS OF TREATMENT WITH MEPOLIZUMAB AND DUPILUMAB IN PATIENTS WITH ASTHMA-COPD OVERLAP (ACO) COMPARED TO PATIENTS WITH SEVERE UNCONTROLLED ASTHMA (SUA) WITHOUT COPD.
David Echavarria (Sevilla, Spain), Belen Muñoz, Antonio Leon, Maria Luisa Polonio, Juan Francisco Medina, Marta Ferrer, Maria Auxiliadora Falcon, Maria Victoria Maestre, Francisco Javier Alvarez

A potent anti-TSLP mAb reduces type 2 inflammation in primary COPD epithelial cells
Yoko Yasuda (Vancouver, Canada), Gurpreet K. Singhera, Chung Cheung, Janice Leung, H. Kiyomi Komori, Lisa Wittmer, Hector Ortega, Don D. Sin

A Phase 1 Study of the IRAK4 inhibitor, AZD6793, evaluating Safety, Pharmacokinetics and Pharmacodynamics in Healthy Volunteers and Patients with COPD
Patricia Guller (Mölndal, Sweden), Cecilia Kristensson, João Ferreira, Therese Lood, Unai Caballero Cuenca, Carlos Silva, Marita Olsson, Laura Brooks, Daniel Windgassen, Silvia Cerboni, Valentina Martino, Veronica Musante, Irfan Ghani, Jukka Mäenpää, John Mo, Maria Belvisi, Pablo Fortesoto, Dave Singh, Ellinor Hornberg, Caroline Owen

Patient experiences during COPD care using biologics: a scoping review
Anastasiia Melenevych (Kharkiv, Ukraine), Yuliia Verkhovodova

Biologics for COPD: How many patients will be eligible?
Michael Clarkson (Hull, United Kingdom), Varshini Karthik, Dominic Sykes, Michael Crooks

Reduction of NIV utilization in patients with COPD treated for type II inflammation with biologics
Truong-An Ho (Philadelphia, United States), Stephen Dachert, Anugya Mittal, Gerard Criner

DUPILUMAB AS A TREATMENT IN PATIENTS WITH GOLD-E EOSINOPHILIC COPD: EXPERIENCE IN A SECOND-LEVEL HOSPITAL
Cesar Alejandro Araque Molina (Madrid, Spain), Jorge Rabago Castro, David Martos Ruiz, Inmaculada Castillo Gil, María Belén López-Muñiz Ballesteros, Julio Hernández Vázquez, Silvia Martín Bote, Ismael Ali García, María Isabel Andrade Vela, África Alcorta Mesas, Carmen Matesanz Ruiz, Elena Rodríguez Jimeno, Luis Arvelo Castro, Miguel Suárez Ortiz, Miguel Lorente González, Daniel Hiad Mouhtar El Halabi, Irene Milagros Domínguez Zabaleta, María Jesús Buendía García, Mariara Calderón Alcalá, María Beatriz Arias Arcos

Efficacy of mepolizumab in patients with COPD & type 2 inflammation: Pooled Phase III trial results
Claus Vogelmeier (Marburg, Germany), Alberto Papi, Mona Bafadhel, Gilles Devouassoux, Mohit Bhutani, Meilan K. Han, Bhabita Mayer, Joel Schamroth, Steven Gould, Frank C. Sciurba

PS-16 Session 08:00 - 09:30

Poster session: Clinical profile of COPD exacerbation

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing General respiratory patient care Epidemiology Physiology Public health Cell and molecular biology

Chairs : Lydia Finney (London, United Kingdom), Chair to be confirmed

The Cluster Analysis and Prognostic Evaluation of Patients with Acute Exacerbation of Chronic Obstructive Pulmonary DiseaseAECOPD
yanan zhang (yinchuan, China), Yuling Wang, Mingrui Wan, Ruonan Lv, Zeinab Sheikhzadeh

Is Household Air Quality monitoring relevant in the Management of Selected Asthma and COPD patients?
Ruben Gonzalez Colom (SANT HIPOLIT DE VOLTREGA, Spain), Alba Gómez-López, Alicia Aguado, Nestor Soler, Núria Sánchez-Ruano, Marta Sorribes, Jaume Benavent, Antoni Sisó-Almirall, Antonio Montilla-Ibarra, María Figols, Alberto Rodríguez, Ramon Farré, Emili Vela, Jordi Piera, Josep Roca, Antonio Montilla-Ibarra, Isaac Cano, Jose Fermoso, Ebymar Arismendi

Predictors of medium term mortality after a first hospitalised acute exacerbation of chronic obstructive pulmonary disease
Huiying Xu (Singapore, Singapore)

PREVALENCE OF PERIODONTAL DISEASE IN PATIENTS WITH COPD AND ITS RELATIONSHIP WITH CLINICAL CHARACTERISTICS
Maria Urquiola Torres (Pamplona, Spain), Pablo Sanchez Salcedo, Miguel Angel Bada Garcia, Francisco Javier Campano Lancharro, Tamara Gutierrez Urra, Ignacio Antonio Martinez Adan, Sara Hermoso De Mendoza, Begoña Euba Rementería, Juncal Garmendia García, Pilar Cebollero Rivas

A systematic review on predictors of acute exacerbations in COPD
Dumiana Chamaon (Enschede, Netherlands), A. Lenferink, C. C. Bucsán, S. H. B. Van Dijk, W. J. C. Van Beurden, P. D. L. P. M. Van Der Valk, J. A. M. Van Der Palen, M.G.J. Brusse-Keizer

New instrument for effective detection of a history of COPD exacerbations, including usually unreported events
Jaromir Zatloukal (Olomouc, Czech Republic), Eva Volakova, Jana Kovacikova, Martina Kulirova, Vladimir Koblizek

Changes of the upper airway microbiota in patients with chronic obstructive pulmonary disease (COPD): A longitudinal study
Markus Hilty (Bern, Switzerland), Nadja Mostacci, Leticia Grize, Anna Salina, Maria Pascarella, Eleni Papakonstantinou, Daiana Stolz

Performance of blood bicarbonate in predicting the severity of COPD exacerbations
Hend Ouertani (Tunis, Tunisia), Feriel Ben Soltana, Emna Ben Jemai, Tasnim Djebali, Haifa Zaibi, Jihene Ben Amar

NEWS Worthy? Evaluating Escalation in a Community Respiratory Team
David Barber (Warrington, United Kingdom), Emma Rickards, Samantha Hayes, Vanessa Barry, Eleanor Jones, Freddy Frost, Dennis Wat, Onnor Hampson

The burden of undiagnosed COPD among Lung Cancer Screening participants
Kayleigh Brindle (Cottingham, United Kingdom), Karen Watkins, Jennifer Gilroy-Cheetham, Charlie Maxted, Saarah Niazi-Ali, Michael Crooks

Predictive factors of mortality in chronic obstructive pulmonary disease subjects: A monocenter prospective observational study in Algeria
Fettal Nadia (Sidi Bel Abbes, Algeria)

Predictive performance of risk scores for the outcome of acute exacerbation of COPD - A retrospective study
Maria Boesing (Liestal, Switzerland), Giorgia Lüthi-Corridori, Fabienne Jaun, Laurin Sarbach, Jörg Daniel Leuppi

A Real-Life Validation of the Rome Proposal: Does the Setting Matter?
Mariano Reginato (Ferrara, Italy), Lorenzo Pasquale Lombardo, Federico Baraldi, Luca Pontalto, Tommaso Bigoni, Antonio Ursitti, Gioacchino Schifino, Alberto Papi

Association between gut disintegrity and exacerbations of COPD; the role of I-FABP
Daphne Peerlings (Maastricht, Netherlands), Roy T.M. Sprooten, Emiel F.M. Wouters, Kaatje Lenaerts, Niki L. Reynaert, Miriam T.J. Groenen, Sarah Houben-Wilke, Sami O. Simons, Frits M.E. Franssen

Fungal sensitisation in COPD patients
Jan Biteznik (Maribor, Slovenia), Andraž Jug, Urška Bidovec-Stojkovič, Kristina Ziherl, Irena Šarc

FeNO, blood eosinophils and digital inhaler monitoring for inhaled corticosteroid (ICS) response in COPD
Hnin Aung (Leicester, United Kingdom), Kimon Ntotsis, Petr Novotny, Phoebe Ashley, Helen Evans, Kumaran Balasundaram, William Monteiro, Sarah E Parker, Sarah A Edwards, Michelle Bourne, Muhammad M Iqbal, Michael Steiner, Rachael A Evans, Christopher E Brightling, Anna Murphy, Adam Wright, Neil J Greening

Relationship between the levels of FeNO, blood eosinophils and the severity of exacerbations in patient with COPD: Results from COSYCONET
Peter Alter (Marburg, Germany), Henrik Watz, Kathrin Kahnert, Franziska C. Trudzinski, Hubert Wirtz, Tim Speicher, Inge Kokot, Sandra Söhler, Robert Bals, Klaus F. Rabe, Emiel F.M. Wouters, Claus F. Vogelmeier, Rudolf A. Jörres

COPD exacerbation profiles
Raul Moreno Zabaleta (Madrid, Spain), Carlos Rubio Otaola, Martha Vidal Ortolá, José Andrés García Romero De Tejada, Emma Vázquez Espinosa, Leonardo Saldaña Pérez, María Teresa Ramírez Prieto, Felipe Villar Álvarez

Exacerbation history and BODE index in patients with stable COPD
Fen Dong (Beijing, China), Yu Ren, Rui Su, Tao Ye, Dong Jin, Ting Yang, Paul W. Jones, Chen Wang

Initial treatment initiation of maintenance inhaled therapy after severe acute exacerbation predicts all-cause mortality in newly diagnosed COPD patients
Lorinc Polivka (Üröm, Hungary), Attila Vasko, Erika Baranyai, Balazs Santa, Laszlo Nemeth, Tamas Balazs, Zsofia Lazar

PS-29 Session 08:00 - 09:30

Poster session: Bronchiectasis: immunology, biomarkers, molecular profiles and targeted therapy

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Physiology General respiratory patient care Epidemiology

Chairs : Eva Polverino (Barcelona, Spain), Chair to be confirmed

Efficacy and safety of brensocatib in Japanese patients with non-cystic fibrosis bronchiectasis: Analysis of the ASPEN trial
Kozo Morimoto (Tokyo, Japan), James D. Chalmers, Pierre-Régis Burgel, Charles L. Daley, Anthony De Soyza, David Mauger, Mark L. Metersky, Chunpeng Fan, Xiangmin Zhang, Yuhei Goto, Ariel Teper, Carlos Fernandez, Naoki Hasegawa

CC16: a biomarker of disease severity and Pseudomonas infection in Bronchiectasis
Pau Marrades Segura (Badalona (Barcelona), Spain), Xènia Carrizosa, Lídia Perea, Belen Solarat, Núria Mendoza, Pilar Martinez-Olondris, Rosanel Amaro, Miriam Villanueva, Francesc Marco, Alvar Agustí, Rosa Faner, Oriol Sibila

Profiling peripheral blood neutrophils in patients with bronchiectasis: an EMBARC study
Chloe Hughes (Dundee, United Kingdom), Merete, B Long, Morven Shuttleworth, Holly Lind, Pieter, C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles, C Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix, C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Faisel Khan, Amelia Shoemark, James, D Chalmers

Inflammatory markers in high bacterial load infections in bronchiectasis
Rebecca C Hull (Dundee, United Kingdom), Hollian Richardson, Holly Lind, Chandani Hennayake, Emma Johnson, Rachel Galloway, Eve Mcintosh, Zsofia Eke, Daniela Alferes De Lima Headley, Jennifer Pollock, Morven Shuttleworth, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Amelia Shoemark, James D Chalmers

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Stiff circulating neutrophils and enhanced thrombogenic potential in bronchiectasis increases cardiovascular risk
Rebecca Evans (London, United Kingdom), Sara Nakanishi, Charlotte Carter, Patrick Senior, Rodanthe Nixon, Anand Shah, Aran Singanayagam, Deepa Arachchillage, Andrew Cowburn, Katharine Lodge

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Factors related to the epigenetic profile in bronchiectasis
Lídia Perea (Barcelona, Spain), Julieta Viglino, Belén Solarat, Pau Marrades, Nuria Mendoza, Sandra Casas-Recasens, Pilar Martínez-Olondris, Rosanel Amaro, Alvar Agusti, Amelia Shoemark, Stefano Aliberti, James D Chalmers, Rosa Faner Canet, Oriol Sibila Vidal

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Azurocidin-1 induces epithelial dysregulation in airway epithelial cells: implications for bronchiectasis treatment
Max Schwiening (CAMBRIDGE, United Kingdom), Morven Shuttleworth, Erin Cant, Emma Johnson, Daniel Jachimowicz, Damla Etal, Greet De Baets, Sam Strickson, Adnan Azim, James D Chalmers, Amelia Shoemark

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Association between neutrophil elastase activity in bronchial lavage fluid and the one-year follow-up exacerbation in bronchiectasis patients
Lam Nguyen Ho (Hồ Chí Minh, Vietnam), Vu Le-Thuong, Ngoc Tran-Van

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Neutrophil extracellular traps, disease severity and airway infection in bronchiectasis: preliminary results from the BRILLIANT study
Merete Bridget Long (Dundee, United Kingdom), Emma Johnson, Erin Cant, Lucy Bidgood, Thomas Pembridge, Morven Shuttleworth, Hollian Richardson, Holly Lind, Kateryna Viligorska, Daniela Alferes De Lima Headley, Rebecca C Hull, Eve Mcintosh, Hannah Dickson, Qingyou Du, Chandani Hennayake, David W Connell, Helen Liddicoat, Adam Platt, Maria G Belvisi, Kristoffer Ostridge, Adnan Azim, Jamie Stobo, Amelia Shoemark, James D Chalmers

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The airway interferon landscape is altered in bronchiectasis and differs according to anatomical site
Joanne McKenzie (London, United Kingdom), Rodanthe E Nixon, Millie M Jackson, Charlotte Carter, Tasnim S Faiez, Patrick Senior, Christopher M Orton, Ley T Chan, Anand Tana, James Tonkin, Marina Kusumoto, Sebastian L Johnston, Justin Garner*, Anand Shah*, Aran Singanayagam*

Expression of activation markers of circulating neutrophils and eosinophils in stable bronchiectasis
Andreas M. Matthaiou (Athens, Greece), Nikoleta Bizymi, Antonia Digalaki, Chrysavgi Kosti, Georgios Pitsidianakis, Katerina Dimakou, Katerina Antoniou, Adamantia Liapikou

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Adaptive immunity impairment in bronchiectasis: crosstalk of immunomodulatory cells and lymphocytes
Nikoleta Bizymi (Drafi, Rafina-Pikermi, Attiki, Greece), Andreasw M. Matthaiou, Georgios Pitsidianakis, Marilena Lourou, Ioanna Argyriou, Eirini Vasarmidi, Sophia Schiza, Nikolaos Tzanakis, Katerina M. Antoniou

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Subgroup analysis: AIRLEAF® Phase II study of a cathepsin C (CatC, or DPP1) inhibitor, BI 1291583, in adults with non–cystic fibrosis bronchiectasis
James D. Chalmers (Dundee (Angus), United Kingdom), Michal Shteinberg, Anne E. O'Donnell, Henrik Watz, Ling Li, Johanna Rauch, Sanjay H. Chotirmall, Naoki Hasegawa, Wiebke Sauter, Abhya Gupta, Marcus A. Mall

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Pooled data from Phase II studies (AIRLEAF®, CLAIRLEAF®) of the cathepsin C (CatC, or DPP1) inhibitor BI 1291583 in bronchiectasis
Michal Shteinberg (Haifa, Israel), Wiebke Sauter, Anastasia Eleftheraki, Sanjay H. Chotirmall, Patrick A. Flume, Raksha Jain, Kozo Morimoto, Anne E. O'Donnell, Felix C. Ringshausen, Henrik Watz, Jin-Fu Xu, Johanna Rauch, Oliver Körsgen, Marcus A. Mall, Abhya Gupta, James D. Chalmers

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Neutrophil elastase activity following cathepsin C (CatC, or DPP1) inhibition with BI 1291583 in people with bronchiectasis
James D. Chalmers (Dundee (Angus), United Kingdom), Meike Müller, Marcus A Mall, Michal Shteinberg, Frauke Pedersen, Sanjay H. Chotirmall, Pamela J. Mcshane, Abhya Gupta, Anastasia Eleftheraki, Fabian Iltzsche, Wiebke Sauter, Thomas Schlange, Henrik Watz

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Distinct IL-1β and TNF driven inflammatory responses in Non-typable Haemophilus influenzae infection in bronchiectasis
Rachel Galloway (Dundee, United Kingdom), Rebecca C Hull, Hollian Richardson, Holly Lind, Chandani Hennayake, Daniela Alferes De Lima Headley, Jennifer Pollock, Eve Mcintosh, Emma Johnson, Morven Shuttleworth, Pieter C Goeminne, Michal Shteinberg, Anthony De-Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Amelia Shoemark, James D Chalmers

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Efficacy and safety of brensocatib in patients with non-cystic fibrosis bronchiectasis and Pseudomonas aeruginosa infection: Analysis of the ASPEN trial
Stefano Aliberti (Milano (MI), Italy), Pierre-Régis Burgel, Charles L. Daley, Anthony De Soyza, Sebastian Fucile, Xiangmin Zhang, Vivan H. Shih, Ariel Teper, Carlos Fernandez, James D. Chalmers

Effectiveness of mucoactives compared to standard care in adult bronchiectasis: A systematic review
Benjamin McCullough (Belfast, United Kingdom), Judy Bradley, Brenda O'Neill, Bronwen Connolly, Rebecca Mcleese, Dermot Linden, Danny Mcauley, Stuart Elborn, Anthony De Soyza, James Chalmers, Mike Clarke, John Busby

EMBARC-BRIDGE: a representative biorepository to support translational research in bronchiectasis
Morven Shuttleworth (Dundee, United Kingdom), Holly Lind, Kara Robertson, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Amelia Shoemark, James D Chalmers

PS-31 Session 08:00 - 09:30

Poster session: Contemporary approach for lung cancer care in the real world and future biomarkers

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology Epidemiology Cell and molecular biology Palliative care General respiratory patient care Pulmonary function testing Imaging Surgery Public health

Chairs : Chair to be confirmed

Comparison of turnaround time and mutation concordance between liquid and tissue biopsy in advanced lung cancer
Julyan Al-fori (Oxford, United Kingdom), Sophie Baron, John Park, Alastair Moore

Utility of NGS for molecular profiling of tumors from cell-free DNA (cfDNA) in the diagnosis of non-small cell lung cancer (NSCLC)
Mateja Marc Malovrh (Kranj, Slovenia), Katja Adamič, Izidor Kern, Mitja Rot, Aleš Rozman

Chemotherapy strategies and outcomes in stage IV lung adenocarcinoma in non-smokers
Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Hadhemi Rejeb, Yosra Bellil, Dorra Greb, Hanene Smadhi, Leila Elfekih

Programmed Death Ligand-1 (PDL-1) Expression and Its Determinants in Patients With Lung Cancer: A Tertiary Care Centre Experience in India
Hemant Kumar (Lucknow, India), Mohammad Arif, Ved Prakash, Ajay Kumar Verma, Saumya Shukla

Clinical characteristics and molecular profile of patients diagnosed with Non Small Cell Lung Cancer in a Tertiary Hospital: A Cross Sectional Retrospective Study
Mary Bloom Beup (Quezon City, Philippines), Ma. Janeth Samson

DLCO as a screening tool for oncogene addiction in NSCLC: a retrospective study
Guido Levi (Brescia, Italy), Martina Prati, Silvia Uccelli, Fabio Spreafico, Roberto Magri, Damiano Bottone, Federico Quadri, Mauro Novali, Michela Bezzi, Laura Pini

One-year survival results of metastatic non-small cell lung cancer patients receiving cryotherapy and immunotherapy
Gediminas Vasiliauskas (Kaunas, Lithuania), Evelina Sabeckytė, Erika Skrodenienė, Lina Poškienė, Skaidrius Miliauskas, Marius Zemaitis

Efficacy of ezetimibe-statin combination therapy in respiratory cancer risk
taehwa kim (BUSAN, Republic of Korea), Ryuk Jun Kwon

Challenges and strategies in the management of localized lung adenocarcinoma in non-smokers
Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Hadhemi Rejeb, Olfa Benmoussa, Ines Akrout, Hanene Smadhi, Leila Elfekih

Does COPD affect the course of lung cancer in women?
Anna Trojnar (Warszawa, Poland), Robert Uliński, Joanna Domagała-Kulawik

The lung cancer patient pathway in Greece; unravelling the Minotaur's labyrinth
Ioanna Ilia (Athens, Greece), Georgia Hardavella, Evaggelos Georgios Fergadis, Konstantinos Stefanidis, Joseph Sgouros, Despoina Nasi, Nelli Res, Danai Bisirtzoglou, Nikolaos Anastasiou, Ioannis Karampinis

Delays in the diagnostic pathway for lung cancer
Anna Davies (Poole, United Kingdom), Anindo Banerjee

The role of Tumour staging in prognostic implications for cancer recurrence a retrospective study
Pooja Radia (London, United Kingdom), Jayeeta Duta, Moin Mujeeb, Alison Mcmillan, Thida Win

Serial change of KL-6 and development of PD-1/PD-L1 inhibitor-related pneumonitis in non-small cell lung cancer
Sung Yong Lee (Seoul, Republic of Korea), Juwhan Choi, Seunghun Lee, Jae Kyeom Sim

Non-small cell lung cancer metastases to adrenal glands are not differentially sensitive to immune checkpoint inhibitors than other organs
charles soutif (Jurbise, Belgium), Lionel Pirard, Fabrice Duplaquet, Thierry Vander Borght, Nicolas Mulquin, Sebahat Ocak

Pulmonary adenocarcinoma:a silent epidemic in non-Smokers with no medical history
Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Olfa Benmoussa, Hadhemi Rejeb, Dorra Greb, Hanene Smadhi, Leila Elfekih

Neoadjuvant chemoimmunotherapy impairs diffusing capacity of the lung and increases airway resistance
Özlem Okumus (Cologne, Germany), Theresa Stork, Hafsa Kaman, Eva Lotte Buchmeier, Carolin Groß-Ophoff-Müller, Thomas Paul Herbert Köster, Wolfram Windisch, Stéphane Collaud

Utility of diagnostic and staging tools in lung cancer patients with advanced-disease and poor performance status
Emad Abugassa (Stafford, United Kingdom), Zahra R Almansoor, Jason Su, Sumaiya Asif Sayed, Mohammed Haris

Thirty-day mortality outcomes with checkpoint inhibitors for stage IV NSCLC
Anke Santema (Leeuwarden, Netherlands), Ronald A. M. Damhuis, Peter M. J. Plomp, Wouter H. Van Geffen

What's about the lung cancer of the women without tobacco smoking in eastern of Algeria?
Ardjouna Manaa (Setif, Algeria), Amina Marouani, Djamel Abdellouch, Abdelhak Moumeni

PS-27 Session 08:00 - 09:30

Poster session: Integrated approaches to diagnosing and characterising respiratory infections

Disease(s) : Airway diseases Respiratory critical care Interstitial lung diseases

Method(s) : Epidemiology Public health General respiratory patient care Cell and molecular biology Endoscopy and interventional pulmonology Imaging Surgery Respiratory intensive care

Chairs : Francesco Blasi (Milan, Italy), Melissa McDonnell (Oranmore (Co Galway), Ireland)

Thoracic Hydatidosis in 26 Cases
Soumaya Bouchareb (Ksar Hellal, Tunisia), Nadia Boudawara Keskes, Selma Bouazzi, Nizar Safta, Soumaya Chebbi, Chayma Jnayeh, Hana Dhieffallah, Leila Boussoffara

Thoracic Migration of Hepatic Hydatid Cysts: A Study of 63 Cases
amina abdelkbir (ben arous, Tunisia), Fatma Inched Jemal, Imen Bouassida, Hazem Zribi, Hanen Smadhi, Nizar Fitouhi, Adel Marghli

Long term outcomes of patients with Nocardia growth in sputum
Raya Cohen (Yodfat, Israel)

Removal of biofilm from endotracheal tubes and antibacterial effect in mucoid and non-mucoid Pseudomonas Aeruginosa
David Morris (Basel, Switzerland), Sarah Valle, Pooja Narang, Frank Van Haren, Mathew Eapen

Association of clusters of Streptococcus pneumoniae serotypes with new onset atrial fibrillation and mortality in adults with bacteremic pneumococcal pneumonia
Luis Alberto Ruiz Iturriaga (Barakaldo (Vizcaya), Spain), Francisco Sanz Herrero, Ainhoa Gomez Bonilla, Silvia Perez-Fernandez, Noelia Carrion Collado, Ane Uranga Echeverria, Beatriz Gomez Crespo, Marta Garcia Clemente, Estrella Fernandez Fabrellas, Leyre Serrano Fernandez

Major Cardiovascular Events in COPD Patients with pneumococcal infection. A nationwide self-controlled case series study.
Pradeesh Sivapalan (Gentofte, Denmark), Nicoline Meyer Riisberg, Daniel Modin, Barbara Bonnesen Bertelsen, Josefin Eklöf, Jonas Bredtoft Boel, Christian Østergaard, Ram Benny Dessau, Tor Biering-Sørensen, Jens-Ulrik Stæhr Jensen

Persistent Bacterial Bronchitis (PBB) in adults is associated with the presence of Pseudomonas aeruginosa and high prophylactic antimicrobial use.
Pedro Viegas (Vila Nova de Gaia, Portugal), Patrick Senior, Michael R Loebinger, Ricardo José, Janet Stowell, Aran Singanayagam, Anand Shah

Enhanced detection of antimicrobial resistance and pathogen spectrum in acute exacerbations of COPD with pneumonia: Insights from multiplex real-time PCR and conventional methods
Huu Y Le (Taoyuan, Taiwan), Jim-Tong Horng

Streptococcus pneumoniae infection in COPD patients in the high dependency pulmonary unit: effectiveness of first choice antibiotic therapy
Veronika Müller (Budapest, Hungary), Zsombor Matics, Soma Lernyei, Katalin Kristof, Gyorgyi Csosza

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The effectiveness and safety between colistin-based and high-dose ampicillin/sulbactam-based combination antibiotic therapy for hospital-acquired pneumonia caused by Carbapenem-resistant Acinetobacter baumannii pneumonia
Myung Goo Lee (Chuncheon, Republic of Korea)

The role of BAL in pneumonia: a single-center retrospective study in the last year.
Marianna Russo (PAVIA, Italy), Lucrezia Pisanu, Maria Arminio, Klodjana Mucaj, Lorenzo Arlando, Francesco Rocco Bertuccio, Emanuela De Stefano, Elisabetta Gallo, Ilaria Giana, Simone Montini, Mitela Tafa, Valentina Conio, Giulia Maria Stella, Angelo Guido Corsico

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Nationwide trends and characteristics of M. pneumoniae pneumonia epidemics from 2018 to 2024.
Mi-Hee Lee (Suwon, Republic of Korea), Yoon Ha Hwang, Hyo-Bin Kim, Jeong Hee Kim, Eun Lee, Eun-Ae Yang, Sujeong Kim, Sungsu Kim, Jin-A Jung, Hyun-Il Gil, Min Su Oh, Yechan Kyung, Seungtaek Yu, Soo Jin Lee, Kun Baek Song, Hee Sun Park, Jisun Yoon, Yang Park, Minji Kim, Seonn Sook Han, Yoon Young Jang, You Hoon Jeon, Jung Yeon Shim, Sun Young Yoon, Ki-Hyun Seo, Jin Young Kim, Ji-Hye Lee, Myongsoon Sung, Eun Kyeong Kang, Kyunghoon Kim, Hyeon-Jong Yang, Bong-Seong Kim, Hye Mi Jee, Jun Hyeok Lim, Jeong-Seon Ryu, Woo Kyung Ryu, Yong Ju Lee, Seong Mi Moon, Ju-Hee Seo, Eun-Seok Yang, Yong Sup Na, Do Sik Moon, Geumju Choi, Bong Seok Choi, Jin-Sung Park, Sang Hyuk Ma, Ji Young Lee, Eun Hee Chung, P R E D Pneumonia And Respiratory Disease Study Group

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Microbiological study (MS) of sputum from hospitalized adult patients with community acquired pneumonia (CAP) and chronic obstructive pulmonary disease (COPD)
Maksym Labutkin (Vinnytsia, Ukraine), Ivanna Voloschuk, Alina Dovgan

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Diagnostic Potential of AI-driven mRNA Host-Response in Bacterial LRTI
Andreas Hoheisel (Freiburg, Germany), Leticia Grize, Kathleen Jahn, Nina Khanna, Matthias Josef Herrmann, Andrei M Darie, Silvio Ragozzino, Sabine Kuster, Werner Strobel, Hans Hirsch, Michael Tamm, Daiana Stolz

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Can Fractional Exhaled Nitric Oxide Levels Serve as a Marker for Determining Disease Severity in Community-Acquired Pneumonia?
Büşra Nur Şener (mersin, Turkey), Cengiz Özge

The relationship between the length of hospitalization and sodium level and CRP/albumin ratio in patients hospitalized with pneumonia
Feride Marim (Kutahya, Turkey), Ilknur Kaya, Omer Faruk Tekin, Sebnem Emine Parspur, Mehmet Doğan, Beyza Kaya, Umran Erbay

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Determination the frequency of drug-resistant causative pathogens and associated risk factors in Non-ICU HAP ("TR-HAP study")
Ezgi Demirdogen (Bursa, Turkey), Ebru Çakıredis, Sedat Çiçek, Deniz Kızılırmak, Ayşin Şakar Coşkun, Aylin Pıhtılı, Esra Geçgel, Buğra Kerget, Burcu Baran, Levent Özdemir, Buket Mermit, Fatma Tokgöz Akyıl, Özge Oral Tapan, Tuğba Önyılmaz, Dorina Esendağlı, Aykut Çilli, Eylem Sercan Özgür, Bilge Yılmaz Kara, Tuğberk Türkoğlu, Ali Cem Yekdes, Savaş Gegin, Utku Tapan, Sena Şahin, Gökhan Altan, Şermin Börekçi, Aslı Görek Dilektaşlı, Büşra Nur Şener

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CLINICAL PHENOTYPES OF SEVERE PNEUMONIA: CLINICAL PRESENTATION IN CORRESPONDANCE TO AUTOPSY RESULTS
Mariia Krykhtina (Dniepropetrovsk, Ukraine), Olha Shchudro, Karina Fuhol, Liudmyla Konopkina, Tetyana Pertseva, Nataliia Habshydze, Oleksandr Bondarenko, Kseniia Ielosludtsva

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Usefulness of blood urea nitrogen to serum albumin ratio for the prediction of intensive care need among patients admitted with community-acquired pneumonia.
Sheikh Nazmul Islam (Dhaka, Bangladesh)

Clinico-radiological parameters, diagnostic challenges and outcomes of pulmonary mucormycosis in a tertiary care center
CHALIKI SANTOSHI DEVI (Peddapuram, India), Viswesvaran Balasubramaniann, Ramya Reddy Mallipeddi

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Elicium 2 Session 08:30 - 10:00

Symposium: Real-world challenges in asthma: beyond pharmacotherapy

Aims : to address the multifaceted challenges faced in asthma management, moving beyond the realm of pharmacotherapy; to explore asthma as a complex condition influenced by a range of factors, from the diagnostic process to individualised monitoring and environmental influences; to highlighting the diagnostic complexities, explaining the clinical relevance of phenotypes and endotypes, and showcasing innovations in personalised monitoring; to focus on how environmental and lifestyle factors can exacerbate asthma and affect patient outcomes; to provide a holistic view of asthma management in real-world settings.

Disease(s) : Airway diseases Paediatric respiratory diseases

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Matteo Bonini (Rome, Italy), Bianca Brandon (London, United Kingdom)

08:30	**Asthma diagnosis: a complex pathway to clarity** Imran Satia (Hamilton, Canada)
08:45	**Physical deconditioning and obesity in asthma. A suitable case for rehabilitation** Florence Schleich (Liège, Belgium)
09:00	**Self-management of asthma through patient education and action plans** Stylianos Loukides (Athens, Greece)
09:15	**Addressing environmental and lifestyle factors** Arzu Yorgancıoğlu (İzmir, Turkey)
09:30	**Discussion and Q&A** Speaker to be confirmed

5D Session 08:30 - 10:00

Hot topics: Challenges in environmental childhood respiratory health around the globe

Aims : To inform paediatricians and other health professionals about environmental hazards, with a focus on air pollution and climate change and their interplay in the context of global childhood respiratory health. To discuss the social, ethnic, and economic inequalities in the global distribution of environmental hazards, enabling the development of context-specific interventions and policies. To discuss whether and how AI and data science can provide solutions to predict, monitor, and mitigate the impacts of climate change on respiratory health, as well as existing challenges.

Disease(s) : Paediatric respiratory diseases Respiratory infections

Method(s) : Epidemiology Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Scientist (basic, translational), Journalist

Chairs : Alexandra Nanzer (London, United Kingdom), Olena Gruzieva (Stockholm, Sweden), Franca Rusconi (Pisa, Italy)

08:30	**Ensure clean air for all the children**
08:45	**The interplay between air pollution, extreme weather events and pollen for childhood asthma** Isabella Annesi Maesano (Montpellier, France)
09:00	**Environmental justice in global pediatric health** Speaker to be confirmed
09:15	**Artificial intelligence and big data science to better understand the respiratory health impacts of climate change.** Speaker to be confirmed
09:30	**Discussion and Q&A** Speaker to be confirmed

5B Session 08:30 - 10:00

Hot topics: Global inequities in respiratory infections

Aims : - To explore the key social, economic, and environmental determinants contributing to inequities in respiratory infections globally.
- To highlight the burden of preventable deaths from respiratory diseases among vulnerable populations, including children.
- To address the healthcare challenges faced by migrant populations and by minorities in accessing timely and adequate treatment for respiratory infections, with a focus on tuberculosis.
- To discuss disparities in the availability of diagnostics, treatments, and long-term care for cystic fibrosis worldwide

Disease(s) : Paediatric respiratory diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Journalist

Chairs : Raquel Duarte (Porto, Portugal), Georgia Hardavella (Athens, Greece), Chair to be confirmed

08:30	**Understanding the determinants of health inequalities in respiratory medicine** Jennifer Quint (London, United Kingdom)
08:45	**Childhood deaths from respiratory diseases in resource-limited settings and how to prevent them** Speaker to be confirmed
09:00	**Continuity of Care Beyond Borders: Ensuring Clinical Follow-up and Information Sharing for Patients Leaving the Country**
09:15	**Global inequities in cystic fibrosis: an unsolved problem** Speaker to be confirmed
09:30	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 08:30 - 10:00

Endoscopy session: Session 1: Diagnosing, staging and treatment of early stage lung cancer

Aims : This session aims to equip participants with practical skills and knowledge in advanced diagnostic and therapeutic techniques for lung cancer. It will cover navigation to small peripheral lung lesions and tissue acquisition using TBNA, forceps, and cryobiopsy, along with immediate assessment of sample adequacy for cytology (ROSE) and histology using Higher Harmonic Generation microscopy. The session will also demonstrate systematic EBUS and EUS-B of mediastinal and hilar nodal stations, including real-time cytological assessment (ROSE). Finally, it will explain the indications for video-assisted segmentectomy and demonstrate the procedural flow for parenchyma-sparing lung tumour resection.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology

Chairs : Felix J.F. Herth (Heidelberg, Germany)

08:30	**Case 1: Case introduction (AUMC)**
08:35	**Case 1: Cone beam navigation bronchoscopy suspected c T1a lung cancer** Erik H.F.M. van der Heijden (Nijmegen, Netherlands), Marta Viscuso (Roma, Italy), Marjolein A. Heuvelmans (Oldenzaal, Netherlands), Sylvia Spies (Amsterdam, Netherlands)
08:55	**Case 1: Concluding remarks from the Chairs** Felix J.F. Herth (Heidelberg, Germany)
09:00	**Case 2: Case introduction (AUMC)**
09:05	**Case 2: EBUS and EUS-B for lung cancer staging** Jouke T. Annema (Amsterdam, Netherlands), Konstantina Kontogianni (Heidelberg, Germany)
09:25	**Case 2: Concluding remarks from the Chairs** Felix J.F. Herth (Heidelberg, Germany)
09:30	**Case 3: Case introduction (AUMC)**
08:35	**Case 3: Video assisted segmentectomy for parenchyma sparing lung tumour resection** David Heineman (Amsterdam, Netherlands), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Martijn van Dorp (Amsterdam, Netherlands), Chris Dickhoff (Amsterdam, Netherlands)
09:55	**Case 3: Concluding remarks from the Chairs** Felix J.F. Herth (Heidelberg, Germany)

7A Session 08:30 - 10:00

Clinical trials session: Clinical trials session, ALERT 3

Chairs : Sam Bayat (Grenoble, France), Mathieu Marillier (Echirolles, France)

08:30	

08:37	
08:44	
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5A Session 08:30 - 10:00

State of the art session: Respiratory critical care

State of the Art treatment of ARDS

Aims : to describe the state-of-the-art treatment of acute respiratory distress syndrome (ARDS) from pathophysiology to extensive therapeutic options.

Disease(s) : Airway diseases | Respiratory critical care | Respiratory infections

Method(s) : General respiratory patient care | Physiology | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Christoph Fisser (Donaustauf, Germany), Marieke L. Duiverman (Groningen, Netherlands), Dries Testelmans (Leuven, Belgium)

08:30	**ARDS phenotyping and outcomes** Lieuwe D.J. Bos (Amsterdam, Netherlands)
08:45	**The role and pathophysiology of severe infections in ARDS** Ignacio Martin-Loeches (Dublin, Ireland)
09:00	**How to set the ventilator** Speaker to be confirmed
09:15	**Evidence-based treatment of severe ARDS: prone positioning and extracorporeal membrane oxygenation** Christian Karagiannidis (Cologne, Germany)
09:30	**Discussion and Q&A** Speaker to be confirmed

5C Session 08:30 - 10:00

Mini symposium: Exercise training in severely impaired patients

Aims : to discuss the identification of severely impaired patients with chronic respiratory disease who can benefit from current and emerging forms of exercise training; to define the current and emerging concepts and evidence in aerobic exercise training for severely impaired patients with chronic respiratory disease; to analyse the practical application, efficacy and methods of resistance training in severely impaired patients with chronic respiratory diseases.

Disease(s) : Airway diseases

Method(s) : Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Anke Lenferink (Oldenzaal, Netherlands), Deniz Inal-Ince (Ankara, Turkey), José Miguel dos Santos Castro Padilha (Porto, Portugal)

08:30	**Limitations of exercise training in severely impaired patients: different aspects of difficulties** J. Alberto Neder (Kingston (ON), Canada)

08:45 **Practical issues in exercise training in severely impaired patients**
Tessa Schneeberger (Schönau am Königssee, Germany)

09:00 **Biologic specificities concerning exercise in severely impaired patients**
Esther Barreiro Portela (Barcelona, Spain)

09:15 **Discussion and Q&A**
Speaker to be confirmed

Amtrium Session 09:30 - 10:15

Oral presentation: Emerging evidence in paediatric rare lung and airway disease

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Imaging Pulmonary function testing Endoscopy and interventional pulmonology Public health

Chairs : Raffaella Nenna (Rome, Italy), Uros Krivec (Ljubljana, Slovenia)

Advances in PCD gene diagnostics: new initiatives to improve gene-variant-disease relationships
Mafalda de Almeida Gomes (London, United Kingdom), Rahma Mani, Cátia Brandão, Muxiao Sun, Adrián Rodríguez González, Bernard Maitre, Mahmoud R. Fassad, Myrofora Goutaki, Jane S Lucas, Claire Hogg, Courtney Thaxton, William Hankey, Deborah Morris-Rosendahl, Suzanne Crowley, Amelia Shoemark, Marie Legendre, Hannah M Mitchison

The site and nature of large and small airway remodeling in human end-stage primary ciliary dyskinesia lungs
Astrid Vermaut (Nossegem, Belgium), Gitte Aerts, Lise Vanvuchelen, Vincent Geudens, Lynn Willems, Arno Vanstapel, Charlotte Hooft, Pieterjan Kerckhof, Hanne Beeckmans, Xin Jin, Marta Zapata, Yousry Mohamady, Lucia Aversa, Janne Verhaegen, Emanuela Cortesi, Laurens J. Ceulemans, Dirk E. Van Raemdonck, Robin Vos, Natalie Lorent, Birgit Weynand, Marijke Proesmans, Francois Vermeulen, Lieven J. Dupont, Mieke Boon

Effect of Air Pollution on Pulmonary Function in Patients with Primary Ciliary Dyskinesia
Ayyüce Ünlü (Ankara, Turkey), Satı Özkan Tabakcı, Işıl Bilgiç, Meltem Kürtül Çakar, Gamze Akca Dinç, Hande Yetişgin, Çelebi Yıldırım, Gökçen Dilşa Tuğcu, Dilber Ademhan Tural, Sanem Eryılmaz Polat, Güzin Cinel

New insights in post-infectious bronchiolitis obliterans: the French RespiRare cohort
Julie Mazenq (Plan de Cuques, France), Marine Crebassa, Alice Hadchouel, S Ghattas, Philippe Reix, Laurianne Coutier, Christophe Marguet, Nadia Nathan, Lisa Giovannini-Chami, Caroline Thumerelle, Francois Galode, Marie-Catherine Renoux, Léa Roditis, Eglantine Hullo, Pierrick Cros, Laurence Weiss, Sébastien Kiefer, Marie Tochon, Brahim Allali, Katia Bessaci Kabouya, Céline Delestrain, Louisa Goumidi, Hortense Petat, Véronique Houdoin, Jean-Christophe Dubus

Repurposing CFTR modulators in ABCA3-associated interstitial lung disease: a therapeutic option? A CRC chILDEU study
Nadia Nathan (Paris, France), Manon Fleury, Céline Delestrain, Alice Hadchouel, Julie Mazenq, Myriam Benhamida, Anne-Sophie Bernard, Raphaël Borie, Jacques Brouard, Harriet Corvol, Pierrick Cros, Christophe Delacourt, Tifenn Desroziers, Jean-Christophe Dubus, Carole Egron, Ralph Epaud, Michael Fayon, Aude Forgeron, Lisa Giovannini-Chami, Christophe Marguet, Alexandra Masson-Rouchaud, Hortense Petat, Marie-Catherine Renoux, Léa Roditis, Caroline Thumerelle, Clémentine Vigier, Aurore Coulomb L'Herminé, Hubert Ducou Le Pointe, Pascale Fanen, Camille Fletcher, Chiara Sileo, Laureline Berteloot, Camille Louvrier, Alix De Becdelièvre, Marie Legendre

TRIBOR STUDY Randomized, double-blind, placebo-controlled, cross-over study on the safety and efficacy of tiotropium in children with bronchopulmonary dysplasia
Burak Uslu (Dresden, Germany), Evelyn Trips, Jette Rahn, Michael Gerstlauer, Christian Vogelberg

Lung function trajectories in childhood interstitial lung disease (chILD)
Simone Hashimoto (Amsterdam, Netherlands), Sanne F. Kloosterman, Brigitte W.M. Willemse, Suzanne W.J. Terheggen-Lagro

Long-term outcomes of persistent tachypnoea of infancy/neuroendocrine cell hyperplasia of infancy: study of the CRC chILD-EU
Honorata Marczak (Warszawa, Poland), Katarzyna Krenke, Matthias Griese, Joanna Peradzyńska, Joanna Lange, Elias Seidl, Julia Rodler, Nicolaus Schwerk, Julia Carlens, Silvia Castillo-Corullón, Frederik Fouirnaies Buchvald, Kim G Nielsen, Sarah Mayell, Alba Torrent, Maynor Bravo-López, Nicolas Regamey, Stehling Florian, Elpis Hatziagorou, Anna Zschocke, Marijke Proesmans, Steve Cunningham, Dafni Moriki, Sevgi Pekcan, Nazan Cobanoglu, Christiane Lex, Philipp Latzin, Lutz Naehrlich, Nicola Ullmann, Winfried Baden, Dora Krikovszky, Mirella Gaboli, Nuria Díez-Monge, Laura Petrarca, Brigitte Willemse, Anna Wiemers, Vaclav Koucky, Juan A. López-Andreu, Nadia Nathan

Safety and diagnostic yield of transbronchial cryobiopsy in children – a prospective single-centre observational study
Pia Maier (Hannover, Germany), Hanna Wennigsen-Heipke, Hannah Kaiser, Ola Al Haj, Martin Wetzke, Oliver Keil, Julia Carlens, Christoph Happel, Harald Bertram, Gesine Hansen, Peter Braubach, Katharina Schütz, Nicolaus Schwerk

Elicium 1 Session 09:30 - 10:15

Oral presentation: One world: common respiratory challenges and shared solutions

Disease(s) : Thoracic oncology Airway diseases Respiratory critical care

Method(s) : Public health Epidemiology General respiratory patient care Pulmonary function testing Respiratory intensive care

Chairs : Marielle Pijnenburg (Rotterdam, Netherlands), Chair to be confirmed

Global antimicrobial resistance burden in bronchiectasis and Cystic Fibrosis – An AMR-Lung study
Anand Shah (London, United Kingdom), Ollie Pitts, Till Othmer, Chiara Premuda, Yuan Zhilling, Mattia Nigro, Nikolas Johl, Arafa Aboelhassan, Sarah Hashem, Noha Khalil, Nilufer Acet, Ozge Aydin Gucl, Irfan Shafiq, Safaa Eid, Jamie Duckers, Rishi Dhillon, Pavel Drevinek, Oto Melter, Stefano Aliberti, Wang Chun Kwok, Andrea Gramagna, Stephanie Thee, Freddy Frost

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Bypassing sales bans: Internet sales of e-cigarettes
Elif Dagli (Istanbul, Turkey), Ümmühan Pece Sonmez, Osman Elbek, Tanzer Gezer, Pınar Ay, Fusun Yildiz, Murat Guner

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A multi-national assessment of physicians' perspectives on air pollution and respiratory health
Christopher Carlsten (Vancouver (BC), Canada), Kian Fan Chung, Sundeep Salvi, Gary W.K. Wong, Monica Augustyniak, Sophie Péloquin, Patrice Lazure

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Chronic cough and quality of life in a multinational study
Hazim Abozid (Wien, Austria), Marie-Kathrin Breyer, Emiel Fm Wouters, Andre Fs Amaral

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Delay in seeking healthcare for young children with severe pneumonia at Mulago national referral hospital, Uganda: A mixed methods cross-sectional study.
Phiona Ekyaruhanga (Kampala, Uganda), Rebecca Nantanda, John Mukisa, Hellen Aanyu, Judith Ssemasaazi, John Mukeere, Palma Aceng, Joseph Rujumba

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The accuracy of pulse oximetry compared to arterial blood gas co-oximetry in critically ill South African children: an on-going prospective study
Andre Gie (Cape Town, South Africa), Shubhada Hooli, Lise-Marié Laubscher, Elri Du Plooy, Sunaina Kapoor, Margaret Van Niekerk, Bareng Aletta S Nonyane, Holly Schuh, Mike Bernstein, Steve Gomas, Pierre Goussard, Carina King, Marieke M. Van Der Zalm, Eric D. Mccollum

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Bias in respiratory diagnoses by Large Language Models (LLMs) in Low Middle Income Countries (LMICs)
Amir Mouelhi (, United Kingdom), Sara Kussad, Samuel Twumasi, Aditi Agarwal, Alba Pereira, Shalini Ojha, Andrew Prayle

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Influenza and pneumococcal vaccination in adults with bronchiectasis: Data from the European Bronchiectasis Registry (EMBARC)
Pierre-Régis Burgel (Paris, France), Eva Polverino, Jennifer Pollock, Jamie Stobo, Holly Lind, Charles Haworth, Katerina Dimakou, Apostolos Bossios, Raja Dhar, Michael Loebinger, Rosario Menendez, Antoni Torres, Francesco Blasi, Michal Shteinberg, Josje Altenburg, Oriol Sibila, Natalie Lorent, Felix Ringshausen, Anthony De Soyza, Stefano Aliberti, Amelia Shoemark, James D Chalmers, Montserrat Vendrell

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Mobile lung cancer screening in Brazil: The role of community health agents (CHA) in the Propulmão Project (BRELT3)
Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Juliana P Franceschini, César Augusto De Araújo Neto, Almério De Souza Machado Júnior, Fernando Nunes Galvão De Oliveira, Igor Barbosa Ribeiro, Álvaro A Cruz, Ricardo Sales Dos Santos

Forum Session 09:30 - 10:15

Oral presentation: Recent advances in our mechanistic understanding of airways disease to facilitate superior patient stratification and treatment

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology Public health Physiology

Chairs : Chair to be confirmed

Molecular differences in asthma burden identified through multi-omics integration
Freda Yang (London, United Kingdom), Joe G Zein, Katie Raby, Pankaj Bhavsar, Kian Fan Chung, Ian M Adcock, Nazanin Zounemat-Kermani

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Sex differences in asthma: multi-omic analysis using U-BIOPRED data
Jiashu Shen (Oxford, United Kingdom), Emanuele Marchi, Nazanin Kermani, Sven-Erik Dahlen, Peter Bradding, Ian Adcock, Timothy Hinks

Inflammatory Protein Biomarkers in COPD Subjects with and without Alpha-1 Antitrypsin Deficiency
Matthew Moll (Boston, United States), Brian Hobbs, Katherine Pratte, Russell Bowler, Auyon Ghosh, David Lomas, Edwin K Silverman, Dawn L. Demeo

C24:1 ceramide alleviates neutrophilic asthma by modulating Th17 differentiation via the EP2-JAK2-STAT3 pathway
Huan Liu (Beijing, China), Chun Chang

Role of Tricellulin on Bronchial Epithelial Barrier in Asthma
Xin Yao (Nanjing (Jiangsu), China), Qi Hua, Peng Sun, Xijing Yuan, Lei Yao, Man Jia

ASM promotes macrophage glycolysis and M1 polarization by activating the mTOR/HIF-1α pathway in neutrophilic asthma
Huan Liu (Beijing, China), Chun Chang

The Impact of Salmeterol and Fluticasone on Clinical Outcomes and Inflammatory Mediators in Asthma in vivo
Eva Fiorenzo (London, United Kingdom), Kartik Kumar, Osman Hatem, Carmen Chan, Veronica Adiletta, Tatiana Kebadze, Julia Aniscenko, Aleksandra Nikonova, Michael Edwards, Salman Siddiqui, Onn Min Kon, Sebastian Johnston

TSLPR-expressing Cell Profiling in Airway and Blood Samples from Severe Asthma Patients
Naoya Fujino (Sendai, Japan), Shuichiro Matsumoto, Yoshinao Ono, Yosuke Kamide, Ikuo Saito, Mitsuhiro Yamada, Shuichi Konno, Takuto Endo, Takuya Saito, Yorihiko Kyogoku, Hiroyuki Aizawa, Kiyoshi Sekiya, Masami Taniguchi, Hisatoshi Sugiura

Mechanistic Drivers for Potent Pharmacodynamic Activity of Verekitug, a novel anti-TSLPR antibody
Ashish Kalra (Belmont, United States), Fatema Chowdhury, Sumathi Sivapalasingam, Aaron Deykin

3A Session 09:30 - 10:15

Oral presentation: The cause of respiratory symptoms: new insights from exercise physiology

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : Physiology | Pulmonary rehabilitation | Pulmonary function testing | General respiratory patient care

Chairs : Zander J Williams (London, United Kingdom)

Global lung function initiative reference values for cardiopulmonary exercise testing
Thomas Radtke (Zürich, Switzerland), Luiz Chávez, Lauren Duggan, Sanja Stanojevic, Piergiuseppe Agostoni, Paul Burns, Brenda Button, Christopher B Cooper, Jana De Brandt, Luiza Helena Degani-Costa, Monika Franczuk, Aisling Mcgowan, Jana Kivastik, Pierantonio Laveneziana, Zoe L Saynor, Irene Steenbruggen, Helge Hebestreit, Karl P Sylvester

Breathlessness abnormality is best assessed at peak exercise during incremental cardiopulmonary cycle exercise testing
Magnus Ekström (Lund, Sweden), Pei Zhi Li, Hayley Lewthwaite, Jean Bourbeau, Wan Tan, Dennis Jensen

Quantifying dynamic mechanical-ventilatory constraints and exertional dyspnoea during incremental CPET in fibrosing ILD
J. Alberto Neder (Kingston (ON), Canada), Abed Hijleh, Danilo Berton, Mathieu Marillier, Franciele Plachi, Igor Neder-Serafini, Guilherme D Back, Alessandro Porcella, Reginald Smyth, Matthew James, Sandra Vincent, Nicolle Domnik, Audrey Borghi-Silva, Paolo Palange, Onofre Moran-Mendoza, Denis E O'Donnell

Comorbidities and prevalence of dysfunctional breathing in patients referred for cardiopulmonary exercise testing due to exertional dyspnea
Florent Baty (St. Gallen, Switzerland), Georg Knöpfel, Lukas Kern, Martin Brutsche

Exertional physiological assessments to aid in the diagnosis of breathing pattern disorder
Cori Fratelli (GOLDEN, United States), Worawat Chumpangern, Dittapol Muntham, Tod Olin

Latent effects of spontaneous sighing upon respiration during exercise
Eric Harbour (Salzburg, Austria), Thomas Stöggl

Does diaphragm fatigue affect inspiratory capacity during cardiopulmonary exercise testing?
Michele Schaeffer (Vancouver, Canada), Kyle Boyle, Jem Arnold, Daniel Langer, Jordan Guenette

Patterns of dynamic IC recruitment in COPD: resting correlates and sensory-functional consequences to exercise responses
Danilo C Berton (Porto Alegre (RS), Brazil), Litiele E Wagner, Abed Hijleh, Reginald Smyth, Matthew James, Sandra Vincent, Nicolle Domnik, Denis E O'Donnell, J Alberto Neder

Treatment of exercise-induced laryngeal obstruction (EILO) – a randomized controlled trial (RCT)
Praveen Muralitharan (Bergen, Norway), Petter Helø Carlsen, Petrine Veierød Solli, Mette Engan, Maria Vollsæter, Ola Drange Røksund, Thomas Halvorsen, Hege Clemm

3B Session 09:30 - 10:15

Oral presentation: Best of lung injury and repair: from development to disease

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Cell and molecular biology | Pulmonary function testing

Chairs : Nahal Mansouri (Lausanne, Switzerland), Chair to be confirmed

Ly6C^{+} cDC2 Exacerbates Acute Lung Injury via Breaking Th17/Treg Balance in a CXCR1 Dependent manner
Shenghui Li (Shanghai, China), Yang Wang, Xiucheng Liu, Chang Chen

Acta2-positive cells driving alveolar repair upon iNOS inhibition
Cheng-Yu Wu (Giessen, Germany), Magdalena Wujak, Anis Cilic, Edma Loku, Marija Gredic, Vidya Lakshmi, Michael Ammeter, Janine Gote-Schniering, Janine Koepke, Christos Samakovlis, Marek Bartkuhn, Werner Seeger, Friedrich Grimminger, Hossein Ardeschir Ghofrani, Ralph Theo Schermuly, Simone Kraut, Saverio Bellusci, Natascha Sommer, Norbert Weissmann, Stefan Hadzic

A novel demonstration of let-7f-5p in idiopathic pulmonary fibrosis.
Maike Stentenbach (Nedlands, Australia), Dino Tan, Erick Aresgado, Yuben Moodley

Long-term airway alterations in prematurity-related lung disease: insights from a preclinical ovine model
Sophie M. L. Neuen (Maastricht, Netherlands), Tim Brokken, Matthias C. Hütten, Sami O. Simons, Daan R.M.G. Ophelders, Niki L. Reynaert, Tim G.A.M. Wolfs

Spatially unraveling epithelial and immune cell interactions in human lung development using mass cytometry
Padmini Khedoe (Den Haag, Netherlands), Li Jia, Susana M. Chuva De Sousa Lopes, Vincent Van Unen, Pieter S. Hiemstra, Jan Stolk, Frits Koning

Oxidative stress causes premature alveolar inflamm-aging and vascular remodeling through macrophage-derived IL-6-trans and STAT3 signaling
Stephanie Stephan (Giessen, Germany), Dharmesh Hirani, Oleksiy Klymenko, Mohammad Amin Mahjoub, Gabriela Riederer, Chaitra Pujari, Christina Vohlen, Siavash Mansouri, Margarida Barroso, Stefanie Jarmer, Ana Ivonne Vazquez-Armendariz, Ioannis Alexopoulos, Jörg Dötsch, Rajkumar Savai, Werner Seeger, Susanne Herold, Björn Schumacher, Miguel Angel Alejandre Alcázar

Crosstalk Between Lipid Metabolism and Immunity in Pneumonia: Drug-Targeted Intervention Studies
Yuqing Ni (Shanghai, China), Yufan Li, Jian Xu, Jiebai Zhou, Yuanlin Song

Investigating monocytes - skeletal muscle cells interactions with a perfused muscle-on-chip system
Pauline Henrot (Pessac, France), Jalal Mosayebi Amroabadi, Sven Manse, David Baião Barata, Harry Gosker, Ramon Langen

Patient-derived alveolar organoids for drug discovery: Dysregulated epithelial repair in pulmonary fibrosis
Muriel Lizé (Ulm, Germany), Heiko Olbrich, Irina Shalashova, Carmen Lerner, Eva Griesser, Nadine Rehm, Stephen Ward, Matthew Thomas, Ralf Heilker, Heiko Stahl

Studio Session 10:00 - 10:45

Pro-Con debate: Availability of medical devices in low- and middle-income countries can be increased.

Aims : The session will address a relevant issue in global health since there is an urgent need for respiratory medical devices, e.g., mechanical ventilators and lung function labs, in low- and middle-income countries (LMICs) worldwide. After describing the current lack of respiratory medical devices in LMICs and the clinical problems involved, the session will focus on the pros and cons of different ways to potentially improve the availability of medical devices for diagnosing and treating patients in LMICs. Hence, the session participants will get a current perspective of the problem and understand the challenges and potential solutions. Based on the existing experience, the attendants may take ideas on how to implement potential solutions to specific needs of respiratory medical devices in LMICs.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory critical care

Method(s) : General respiratory patient care | Pulmonary function testing | Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Ioannis Vogiatzis (Blyth, United Kingdom), Chair to be confirmed

10:00	**PRO: Availability of medical devices in low- and middle-income countries can be increased.** Anh Tuan Dinh-Xuan (Paris, France)
10:15	**CON: Availability of medical devices in low- and middle-income countries can be increased.** Ramón Farré Ventura (Barcelona, Spain)
10:30	**Panel discussion** Speaker to be confirmed

5C Session 10:15 - 11:45

Symposium: Holistic yet personalised self-management of chronic respiratory diseases worldwide

Aims : to explain how to identify key elements to personalise self-management of patients with chronic respiratory diseases; to explain how to identify key elements for implementation of self-management in chronic respiratory care; to explain how to select personalised treatment that fits with treatable traits in chronic respiratory diseases; to explain how to match self-management interventions to personal needs and competencies.

Disease(s) : Airway diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care

Tag(s) : Translational , Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Anke Lenferink (Oldenzaal, Netherlands), Deniz Inal-Ince (Ankara, Turkey), José Miguel dos Santos Castro Padilha (Porto, Portugal)

10:15	**Patient testimony** Noelle Morgan (, United Kingdom)
10:20	**Personalised self-management of patients with chronic obstructive pulmonary disease and comorbidities** Hani Syahida Salim (Selangor, Malaysia)
10:35	**Implementation of asthma self-management as routine in primary care** Hilary Pinnock (Edinburgh, United Kingdom)
10:50	**Challenges in self-management around the globe** Tanja Effing-Tijdhof (Adelaide (SA), Australia)
11:05	**Future perspectives using new technologies: tailoring of self-management in chronic respiratory disease** Marjolein Brusse-Keizer (Enschede, Netherlands)
11:20	**Discussion and Q&A** Speaker to be confirmed

5D Session 10:15 - 11:45

Hot topics: The many facets of transition care

Navigating healthcare from child to adult

Aims : To highlight achievements and unmet needs of transition of care for adolescents with chronic illnesses. To provide evidence-based strategies on how to improve outcomes for adolescents transitioning from child to adult care

Disease(s) : Airway diseases Paediatric respiratory diseases

Method(s) : General respiratory patient care Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Alexandra Nanzer (London, United Kingdom), Olena Gruzieva (Stockholm, Sweden), Franca Rusconi (Pisa, Italy)

10:15	**Transition of care: what do we already know and what do we still need to know** Speaker to be confirmed
10:30	**On the psychology of adolescence and its interplay during transition from child to adult care services** Speaker to be confirmed
10:45	**Adherence to therapy in adolescence – overcoming the obstacles.** Grainne d'Ancona (London, United Kingdom)

11:00	**How to set up a transition service (presenting the stepstones program)** Speaker to be confirmed
11:15	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 10:15 - 11:45

Endoscopy session: Session 2: emphysema, lung nodules and pleural disease

Diseases: Thoracic oncology

Aims : This session aims to provide participants with a comprehensive understanding of interventional pulmonology techniques for the diagnosis and management of complex pulmonary diseases. It will cover the procedural flow of cryobiopsy for diagnosing interstitial lung disease, including protected airway management, balloon placement, and fluoroscopic-guided transbronchial cryobiopsies. The session will also demonstrate thoracoscopy in malignant pleural disease, encompassing the use of rigid bronchoscopy, acquisition of histological samples, immediate histological assessment using Higher Harmonic Generation (HHG) microscopy, and the performance of talc pleurodesis. In addition, participants will gain insight into bronchoscopic lung volume reduction (BLVR) for emphysema, with a focus on key indications, target lobe selection, procedural flow, and valve sizing and placement.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology

Chairs : Daniela Gompelmann (Vienna, Austria), Najib M. Rahman (Oxford, United Kingdom)

10:15	**Case 4. Case introduction (AUMC)**
10:20	**Case 4: Cryobiopsy for diagnosing interstitial lung disease** Sara Tomassetti (Florence, Italy), Jürgen Hetzel (Bettingen Basel, Switzerland), Peter I. Bonta (Amsterdam, Netherlands)
10:40	**Case 4. Concluding remarks from the chairs** Daniela Gompelmann (Vienna, Austria), Najib M. Rahman (Oxford, United Kingdom)
10:45	**Case 5. Case introduction (AUMC)**
10:50	**Case 5. Thoracoscopy in malignant pleural disease** Kevin Blyth (Glasgow (Glasgow), United Kingdom), Johannes M.A. Daniels (Amsterdam, Netherlands), Sylvia Spies (Amsterdam, Netherlands)
11:10	**Case 5. Concluding remarks from the chairs** Daniela Gompelmann (Vienna, Austria), Najib M. Rahman (Oxford, United Kingdom)
11:15	**Case 6. Case introduction (AUMC)**
11:20	**Case 6. Bronchoscopic lung volume reduction (BLVR) for emphysema** Dirk-Jan Slebos (Groningen, Netherlands), Stephanie Everaerts (Leuven, Belgium)
11:40	**Case 6. Concluding remarks from the chairs** Najib M. Rahman (Oxford, United Kingdom), Daniela Gompelmann (Vienna, Austria)

7A Session 10:15 - 11:45

Year in review: Clinical

Global updates on screening and therapeutic intervention development in respiratory diseases

Aims : to evaluate the impact of chronic obstructive pulmonary disease (COPD) screening on primary care clinician behaviour and patient outcomes; to discuss current treatment options and emerging therapeutic approaches for chronic cough; to review the unmet needs in care of patients with pulmonary fibrosis and elaborate on the current methods for delivering patient-centred care; to consider approaches for ensuring that technology is accessible and subject to the same scrutiny as all healthcare interventions.

Disease(s) : Airway diseases Interstitial lung diseases Respiratory infections

Method(s) : Epidemiology Physiology Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Sam Bayat (Grenobe, France), Mathieu Marillier (Echirolles, France)

10:15	**COPD screening: pearls and pitfalls** Shawn Aaron (Ottawa (ON), Canada)

10:30	**Therapeutic and mechanistic advances in chronic cough** Imran Satia (Hamilton, Canada)
10:45	**Interstitial lung diseases: a holistic multidisciplinary approach** Katerina Antoniou (Heraklion, Greece)
11:00	**Access and equity in healthcare in the era of digital heath** David Currow (Sydney (NSW), Australia)
11:15	**Discussion and Q&A** Speaker to be confirmed

5B Session 10:15 - 11:00

Guidelines session: Treatment of Drug-Susceptible and Drug-Resistant Tuberculosis: Key Updates and Future Directions

TS/ERS/IDSA/CDC Guidelines

Aims : Aims:
To present the main updates of the newly released ATS/ERS/IDSA/CDC guidelines on treating drug-susceptible and drug-resistant tuberculosis.
This will be updated with other international recommendations, particularly those from WHO.
To reflect on the challenges of keeping guidelines updated in the face of rapidly evolving scientific evidence.
To discuss strategies for improving the implementation of updated recommendations in diverse clinical settings.
To include the patient perspective on the need for shorter, more effective and accessible treatment regimens.

Disease(s) : Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Journalist

Chairs : Raquel Duarte (Porto, Portugal), Georgia Hardavella (Athens, Greece), Chair to be confirmed

10:15	**Key Updates in the ATS/ERS/IDSA/CDC Guidelines on TB Treatment** Giovanni Battista Migliori (Varese (VA), Italy)
10:30	**From Evidence to Practice: How Can We Make TB Guidelines More Responsive and Locally Relevant?** Christoph Lange (Borstel, Germany)
10:45	**Discussion and Q&A** Giovanni Battista Migliori (Varese (VA), Italy), Christoph Lange (Borstel, Germany), Rudolf M. Huber (Munich, Germany), Speaker to be confirmed

Elicium 2 Session 10:15 - 11:45

Journal session: State-of-the-art insights into prevention, development and management of asthma

The Lancet and The Lancet Respiratory Medicine session

Aims : to bring together thought leaders in the field of respiratory medicine to provide an overview of recent research advances related to asthma for specialist and non-specialist delegates; to provide new insights into the genetics, prevention and risk factors of asthma; review advances arising as a result of the use of monoclonal antibody therapeutics; and assess clinical versus biological complete remission in adult patients with moderate-to-severe asthma; to comprehensively address areas of debate within the asthma community focused on genetics, prevention, management and remission and will also feature impactful clinical research of relevance for respiratory health around the globe.

Disease(s) : Airway diseases

Method(s) : General respiratory patient care | Public health | Pulmonary function testing

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Physician in Pulmonary Training, Scientist (basic, translational)

Chairs : Matteo Bonini (Rome, Italy), Bianca Brandon (London, United Kingdom)

10:15	**Genetics and risk factors: improving our understanding of asthma prevention** Guy Brusselle (Ghent, Belgium)
10:30	**Precision medicine and use of monoclonal antibodies in the management of asthma** Elliot Israel (Boston, United States)

10:45	**Clinical remission in adults with moderate-to-severe asthma** Celeste Michala Porsbjerg (Copenhagen, Denmark)
11:00	**Late-breaker research article on asthma (to be confirmed)** Speaker to be confirmed
11:15	**Discussion and Q&A** Speaker to be confirmed

5A Session 10:15 - 11:45

Clinical cases: Lungs on fire: Respiratory critical care / Sleep and Breathing disorders

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Respiratory critical care | Sleep and breathing disorders

Tag(s) : Clinical

Chairs : Christoph Fisser (Donaustauf, Germany), Marieke L. Duiverman (Groningen, Netherlands), Dries Testelmans (Leuven, Belgium)

Discussants : Claudia Crimi (Catania (CT), Italy), Patrick Murphy (Oxted (Surrey), United Kingdom)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: R.R. Mendoza (Philippines)** Claudia Crimi (Catania (CT), Italy)
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: M. Balzan (Malta)** Patrick Murphy (Oxted (Surrey), United Kingdom)
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: S. Wickramasinghe (United Kingdom)** Claudia Crimi (Catania (CT), Italy)
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: C. Gangemi (Italy)** Patrick Murphy (Oxted (Surrey), United Kingdom)

G104/105 Session 11:00 - 13:40

Skills workshop: SW14 SW14: Thoracic ultrasound basic principles

Additional registration is required for this session.

Aims : to describe the current use of thoracic ultrasound; to provide participants an opportunity to perform this technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology | Interstitial lung diseases

Chairs : Rahul Bhatnagar (Bristol, United Kingdom)

11:00	**Introduction** Rahul Bhatnagar (Bristol, United Kingdom)
11:20	**Normal thoracic cavity** Morten Bendixen (Odense C, Denmark), Silvia Mongodi (Pavia, Italy)
11:20	**Pleural effusion and/or pleural thickening** Pia Iben Pietersen (Odense C, Denmark), Giovanni Volpicelli (Torino (TO), Italy)
11:20	**Case studies** Radhika Banka (Mumbai (Maharashtra), India)
11:20	**Guided interventions** Dinesh Addala (Oxford, United Kingdom), Gilles Mangiapan (Creteil, France)

Elicium 1 Session 11:00 - 12:15

Oral presentation: COPD: from physiology to clinical management

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing | Imaging | Physiology | Cell and molecular biology | Epidemiology | Endoscopy and interventional pulmonology

Chairs : Pavol Pobeha (Košice, Slovakia), Chair to be confirmed

Mucus plugs are associated with small airway remodeling in COPD
Fatemeh Aminazadeh (Vancouver, Canada), Aileen Hsieh, Dragos Vasilescu, Stacey Ledoux, Jenna Barker-Mulleder, Joel Cooper, Tillie-Louise Hackett

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Metabolomic cohort reveals subtype-independent COPD signatures
Matheus Callegari (Botucatu, Brazil), Jezreel Pantaleon Garcia, Mariana Gatto, Robson Prudente, Estefania Franco, Marilia Machado, Thulio Cunha, Mario Martins, Hebreia Almeida-Souza, Suzana Tanni

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Association of mucus plugs and BMI in patients with advanced COPD GOLD III/IV with emphysema
Jacopo Saccomanno (Berlin, Germany), Thomas Elgeti, Stephanie Spiegel, Eva Pappe, Thomas Sgarbossa, Antonia Petersen, Konrad Neumann, Arshan Perera, Martin Witzenrath, Ralf-Harto Hübner

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Oscillometry-defined Small Airway Dysfunction in Tobacco-Exposed Adults with Preserved Airflow
Mustafa Abdo (Grosshansdorf, Germany), Henrik Watz, Frederik Trinkmann, Sabine Bohnet, Miriam Annabelle Marcella Guess, Johannes Roeben, Katharina May, Martin Reck, Benjamin-Alexander Bollmann, Susanne Stiebeler, Sabine Dettmer, Benjamin Waschki, Klaus F. Rabe, Klaas Frederik Franzen, Jens Vogel-Claussen

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Is the respiratory rate in the 6-minute walk test (6MWT) a mortality predictor in COPD?
Ana José Martín Serrablo (Pamplona, Spain), Pablo Sanchez-Salcedo, José Alberto Espinoza Pérez, Sara Hermoso De Mendoza Aristegui, Lía Yaira Deborah Jorge García, Marina De La Escosura Muñoz, Tamara Gutiérrez Urra, Izaskun Jiménez Setuáin, Pilar Cebollero Rivas

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Computational fluid dynamics of small airway disease in chronic obstructive pulmonary disease
Yousry Khaled Mohamady (Leuven, Belgium), Vincent Geudens, Charlotte De Fays, Marta Zapata, Lucia Aversa, Marie Vermant, Charlotte Hooft, Astrid Vermaut, Hanne Beeckmans, Pieterjan Kerckhof, Gitte Aerts, Celine Aelbrecht, Janne Verhaegen, Emanuela E. Cortesi, Stephanie Everaerts, Laurens Ceulemans, Robin Vos, Wim Wuyts, Marcel Filoche, Ghislaine Gayan Ramirez, Wim Janssens, Bart Vanaudenaerde

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The impact of depression and small airway dysfunction on all-caused mortality in individuals with chronic respiratory symptoms
Kefan Wu (Guangzhou, China), Lifei Lu, Yubiao Chen, Jiahui Lei, Baiyun Liu, Xicong Li, Pixin Ran, Yumin Zhou

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Correlation between pulmonary quantitative CT measurement indicators and acute exacerbations in patients with chronic obstructive pulmonary disease
Yuxia Wang (beijing, China), Tieying Sun, Di Chai, Min Zhang, Guoxuan Wang, Yanfei Guo

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Quantitative analysis of chest computed tomography in alpha-1-antitrypsin deficiency
Philipp Höger (Heidelberg, Germany), Johanna Benholz, Oliver Weinheimer, Mark Oliver Wielpütz, Claus Peter Heußel, Arved Bischoff, Ralf Eberhardt, Katharina Buschulte, Sebastian Fähndrich, Julia Michels-Zetsche, Hilal Ersöz, Arturo Olivares-Riviera, Felix Herth, Franziska Trudzinski

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3A Session 11:00 - 12:15

Oral presentation: Novelties in clinical and translational sarcoidosis research

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Public health Pulmonary function testing Cell and molecular biology Imaging Physiology

Chairs : Jacobo Sellares Torres (Barcelona, Spain), Agata Raniszewska (Warszawa, Poland)

First experience of a European reference network lung centre of sarcoidosis microangiopathy
Barbara Ruaro (Trieste, Italy), Lucrezia Mondini, Liliana Trotta, Mariangela Barbieri, Francesco Salton, Paola Confalonieri, Anna De Nes, Maria Chianese, Luca Ruggero, Marco Confalonieri

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Ethnic differences in presentation and treatment of sarcoidosis from the British Thoracic Society (BTS) UK Interstitial Lung Disease (ILD) registry.
Karol Bączek (Łódź, Poland), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Leng Cheng Sia, Gina Amanda, Lucile Sesé, Andrew Achaiah, Nazia Chaudhuri

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The IFNγ-JAK/STAT axis regulates macrophage transformation and granuloma formation in sarcoidosis
Diana Santos Ribeiro (Oliveira Santa Maria, Portugal), Marcela Oliveira, Relber Gonçales, Rita Silva Gomes, Rita F. Santos, António Morais, Hélder Novais E Bastos, Cristina Cunha, Agostinho Carvalho

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Uncovering genetic insights and therapeutic targets for sarcoidosis: a GWAS and drug repurposing approach
Fardad Moshtagh Sisan (Tarzana, United States), Chris Pace, Scott Silver, Syed Akbarullah

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Patient experiences with prednisone and methotrexate: results of the PREDMETH trial
Vivienne Kahlmann (Rotterdam, Netherlands), C C Moor, R L M Mostard, M Janssen Bonas, J Grutters, H N A J Van Rijswijk, J Van Der Maten, E R Marges, L A A Moonen, M J Overbeek, Bart Koopman, M J J H Grootenboers, E J Nossent, M Wagenaar, H Kramer, P L M L Wielders, P I Bonta, S Walen, B A H A Bogaarts, R Kerstens, M Overgaauw, M Veltkamp, M S Wijsenbeek

Prospective measurements of sIL2R concentrations in a cohort of pulmonary sarcoidosis
Montse Janssen Bonás (Nieuwegein, Netherlands), V. Kahlmann, J.A. Reiners, R. Kraaijvanger, C.H.M Van Moorsel, C.C. Moor, R.L.M. Mostard, H.N.A.J Van Rijswijk, J. Van Der Maten, E.R. Marges, L.A.A. Moonen, M.J. Overbeek, B. Koopman, M.J.J.H Grootenboers, E.J. Nossent, M. Wagenaar, H. Kramer, P.L.M.L. Wielders, P.I. Bonta, S. Walen, B.A.H.A. Bogaarts, R. Kerstens, M. Overgaauw, J.G. Grutters, M. Heron, M.S. Wijsenbeek, M. Veltkamp

Quantification and characterization of lung disease in pulmonary sarcoidosis using automated AI-based CT imaging analysis.
Anne-Noëlle Frix (Liege, Belgium), Monique Henket, Anna Denis, Fanny Gester, Benoit Ernst, Xavier Creuen, Renaud Louis, Julien Guiot

ECG-based identification of cardiac involvement in patients with Sarcoidosis
Paula Kuss (Freiburg, Germany), Martin Eichenlaub, Louis Jouanjan, Sebastian Fähndrich, Daiana Stolz, Björn Frye

3B Session 11:00 - 12:15

Oral presentation: Malignant pleural effusions: diagnostic innovations and translational advances

Disease(s) : Thoracic oncology Respiratory critical care

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Endoscopy and interventional pulmonology Palliative care

Chairs : Sotirios Zarogiannis (Larisa, Greece), Chair to be confirmed

Ultrasonic Elastography-guided versus Traditional Thoracic Ultrasound-guided Pleural Biopsy for the Diagnosis of Pleural Effusion: A Multicentre Randomized Trial
Gang Hou (Beijing, China), Mingming Deng, Ziwen Zheng

AESOP – A randomised controlled crossover study of indwelling pleural catheter drainage systems in malignant pleural effusions
Rebecca Crook (Bristol, United Kingdom), Eleanor Barton, Emeka Azubuike-Dyer, Anna Morley, Kerra James, Geraldine Lynch, Sonia Patole, Steven Walker, Amelia Clive, Rahul Bhatnagar, Nick Maskell

A binary survival model, incorporating Fibulin-3, predicts survival in pleural mesothelioma
Harrison Stubbs (Glasgow, United Kingdom), Selina Tsim, Laura Alexander, Caroline Kelly, Matthew Tate, Kevin G Blyth

AI-driven risk prediction for thoracoscopy in suspected pleural malignancy: a proof-of-concept study
Adhnan Omar (Cardiff, United Kingdom), Artemio Gonzales, Chris Edwards, Alina Ionescu

Results of the STRATIFY study (Staging by Thoracoscopy in potentially radically treatable Lung Cancer associated with Minimal Pleural Effusion)
Jenny Ferguson (Glasgow, United Kingdom), Laura Alexander, Caroline Kelly, Matt Evison, John Corcoran, Seamus Grundy, Nicola Downer, Gordon Cowell, Najib Rahman, Kevin Blyth

Know the Harm to 'Do No Harm': A Retrospective Review of Iatrogenic pneumothorax managed at a single centre over 8 years
Beenish Iqbal (Oxford, United Kingdom), Dinesh Addala, Alguili Elsheikh, Najib Rahman, Rob Hallifax

Increased Toll-Like Receptor 9 expression associated with cellular proliferation and poor prognosis in pleural mesothelioma
Fatma El Zahraa Ammar Mohamed, Ali Abdelaziz, Dina Thabit, Rehab Kamal, Hend Moness, Rasha Ahmed, Mariana F Gayyed

Genetic susceptibility in MAlignant pleural mesothelioma: clinical implication of GermliNE variaTionS (the MAGNETS project).
Ilaria Campo (Pavia (PV), Italy), Fady Tousa, Elisabetta Gallo, Maria Arminio, Vinvenzo Marando, Angelo Corsico, Enrico Oddone, Giulia Maria Stella

Adequacy of cell-free DNA from pleural effusion supernatant for oncogenic mutations detection
Tiva Nemanic (Ljubljana, Slovenia), Mateja Marc Malovrh, Izidor Kern, Aleš Rozman

Forum Session 11:00 - 12:15

Oral presentation: Oral communications in vascular diseases

Disease(s) : Respiratory critical care Pulmonary vascular diseases

Method(s) : Respiratory intensive care Cell and molecular biology Physiology Imaging Public health Epidemiology

Chairs : Francis Couturaud (Brest, France), Aleksandar Bokan (Loewenstein, Germany)

The single-cell sequencing analysis of the cellular landscape of pulmonary arterial thrombus and peripheral blood PBMCs in acute pulmonary embolism patients
Maohe Chen (Fuzhou, China), Shi Chen, Yingjie Chen, Hanbin Lin, Fajiu Li

Genetic variants of fibrinogen associated with chronic thromboembolic pulmonary hypertension: insights from the All of Us cohort
Timothy Morris (San Diego, United States), Wei Sun, Neil Kelly, Traci Marin, Brendan Gongol

The study on adipocyte specific protein FABP4, Leptin and Adiponectin of rats with fat embolism
Zhuo Wang (Beijing, China)

Serum CD-31(s-PECAM 1) Levels In Patients With Acute Pulmonary Thromboembolism
Hadice Selimoğlu Şen (Diyarbakir, Turkey), Nuriye Gökçe Erkan

The presence of coronary artery calcification on computed tomography and its impact on early outcomes in patients with pulmonary thromboembolism
Demet Polat Yuluğ (Mersin, Turkey), Anıl Soylar, Yüksel Balcı, Sibel Naycı, Eylem Sercan Özgür

The skeletal muscle index detected by opportunistic chest CT is associated with the long-term adverse prognosis of chronic thromboembolic pulmonary hypertension
Kai Wang (Beijing, China), Xiangnan Li, Gang Hou, Xiaoming Zhou

Frailty as a causal risk factor for venous thromboembolism
Zhenguo Zhai (Beijing, China), mengjie Duo, Bingzhang Zou, Zhu Zhang

Performance of Magnetic Resonance Imaging (MRI) combined to compression ultrasound for the diagnosis of pulmonary embolism (PE)
Olivier Sanchez (Paris, France), Guillaume Chassagnon, Benoît Ghaye, Florence Dumas, Laurent Bertoletti, Pierre Croissille, Francis Couturaud, Michel Nonent, Helena Pereira, Marie-Pierre Revel

External Validation of Bleeding Risk and Recurrent Venous Thromboembolism (VTE) Risk Scores in patients with cancer associated-thrombosis.
Maria Barca Hernando (Sevilla, Spain), Sergio Lopez-Ruz, Carmen Rosa-Linares, Victor Garcia-Garcia, David Gutierrez-Campos, Luis Jara-Palomares

Amtrium Session 11:00 - 12:15

Oral presentation: Targeting the host–pathogen interface: new frontiers in respiratory infection

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Respiratory intensive care

Chairs : Karl J. Staples (Southampton (Hampshire), United Kingdom), Chair to be confirmed

Therapeutic hypoxia-inducible factor 1α stabilization activates antimicrobial peptide expression and prevents pneumonia
Scott Evans (Houston, United States), Yongxing Wang, Vikram Kulkarni, Jezreel Pantaleon Garcia, Mbaya Ntita

Anti-inflammatory mediators from lung microbiota: a breath of fresh air for people with chronic airway diseases?
Laura Bollé (Gent, Belgium), Ellen Goeteyn, Steven L. Taylor, Alison Dicker, Merel Wauters, Marie Joossens, Jodie L. Simpson, Lucy Burr, James D. Chalmers, Geraint B. Rogers, Eva Van Braeckel, Aurélie Crabbé

Revealing adaptive mechanisms and antibiotic tolerance in Pseudomonas aeruginosa infections: The role of host-pathogen interactions in bacterial recalcitrance
Pablo Laborda Martínez (København, Denmark), Stefanos Lampadariou, Ruggero La Rosa, Søren Molin, Helle Krogh Johansen

Scap stabilizes PKM2 to promote glycolysis and enhance antifungal immunity in macrophages
Jiaqi Huang (Hangzhou, China), Yuejue Wang, Fei Li, Songmin Ying, Wen Li, Zhihua Chen

Myxovirus resistance protein A for distinguishing viral from non-viral respiratory infections in adults: a prospective study
Mengwei Yan (Beijing, China), Nengyong Wang, Liping Yang, Xiaoqi Zhang, Yong Zhang, Weixia Xuan, Xiaoju Zhang, Gang Liu, Herong Wang, Yeming Wang, Bin Cao

Isolation and therapeutic potential of lytic phages against drug-resistant Pseudomonas aeruginosa
Viviane Oliveira (Ribeirão Preto / São Paulo, Brazil), Aina Planchart, Miguel Ferrer, Antoni Torres, Laia Fernandez-Barat

Exploring the neutrophil proteome in influenza and COVID-19: results from the INNOVATE study
Kateryna Viligorska (Chernivtsi, Ukraine), Jeffrey Huang, Holly Lind, Kara Robertson, Clare Clarke, Chloe Hughes, David Connell, Holly R Keir, Zsofia Eke, Eve Mcintosh, Emma Johnson, Amelia Shoemark, Thomas Pembridge, Jamie Stobo, Marek Gierlinski, James D Chalmers, Merete B Long

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Experimental rhinovirus infection induces symptomatic and immunological exacerbation in bronchiectasis
Charlotte Carter (London, United Kingdom), Joanne Mckenzie, Kyle Mincham, Marina Kusumato, Faiza Ahmed, Ye Myat, Tata Kedadze, Michael Edwards, Hugo Farne, Lydia Finney, Tom Wilkinson, James Chalmers, Sanjay H. Chotirmall, Salman Siddiqui, Mirae Park, Onn Min Kon, Robert Snelgrove, Sebastian Johnston*, Anand Shah*, Aran Singanayagam*

TNF-related apoptosis-inducing ligand (TRAIL) is a critical factor in pneumococcal nasopharyngeal decolonization in mice
Lena Ostermann (Hannover, Germany), Meret Sophie Pahl, Carolin Flasche, Regina Maus, Jennifer Stolper, Thomas S. Griffith, Ulrich A. Maus

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5B Session 11:00 - 11:45

Guidelines session: Fitness for Tumour-specific Treatments of Lung Cancer
ERS/ESTS Clinical Practice Guideline

Aims : This session aims to 1. present updated recommendations on diagnostic and treatment options for assessment of fitness for tumour-specific treatment modalities in patients with lung cancer 2. define efficient clinical algorithms for diagnostic and therapeutic measures for assessment and improvement of fitness for tumour-specific treatment modalities in lung cancer 3. acknowledge and appraise the recent trends in lung cancer-specific treatment modalities

Disease(s) : Thoracic oncology

Method(s) : General respiratory patient care Public health Surgery

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Raquel Duarte (Porto, Portugal), Georgia Hardavella (Athens, Greece), Chair to be confirmed

11:00 **The role of cardiopulmonary assessment in the functional evaluation before lung cancer treatment.**
Speaker to be confirmed

11:15 **The risk of underlying co-morbidities for lung cancer treatment and the role of (pre)rehabilitation to optimise patients**
Rudolf M. Huber (Munich, Germany)

11:30 **DIscussion and Q&A**
Rudolf M. Huber (Munich, Germany), Giovanni Battista Migliori (Varese (VA), Italy), Christoph Lange (Borstel, Germany), Speaker to be confirmed

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Studio Session 11:00 - 11:45

Patient-centred session: Family burden: the forgotten Caregivers?

Aims : To shine a light on the important role of carers in healthcare and to raise awareness of their support needs

Chairs : Hilary Hodge (Montreuil-Juigne, France)

11:00 **Family burden: the forgotten Caregivers? - panel discussion**
Chantal van den Dungen (Juprelle, Belgium), Jody Petry (, United States), Ibáñez Begoña (Barcelona, Spain), Speaker to be confirmed

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PS-23 Session 12:30 - 14:00

Poster session: Best practices and challenges in tobacco cessation and educational intervention

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Public health Epidemiology General respiratory patient care Pulmonary function testing

Chairs : Nicholas Hopkinson (London, United Kingdom)

Health-related quality of life following smoking cessation in Tunisia : January–October 2024
Mohamed Dabbebi (Ben Arous, Tunisia), Yosr Ayedi, Salsabil Rejaibi, Amina Abdelkabir, Mahdi Abdennadher, Nama Mrad, Afef Skhiri, Sami Fitouri, Chahida Harizi, Radhouane Fakhfakh

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E-cigarette or Vaping Use-Associated Lung Injury: unresponsive 11 years old child
Kateryna Khromykh (Vinnytsia, Ukraine), Veronika Dudnyk, Oksana Khodasevych

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EVALUATION OF A COMPREHENSIVE APPROACH TO SMOKING CESSATION
sirine khemiri (tunsiia, Tunisia), Hajer Racil, Sarra Maazaoui, Amany Touil, Mariem Chaabene, Tasnime Zneugui, Sonia Habibech, Nawel Chaouch

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"School * Vape * Science" – A Participatory Approach to Vaping Prevention in Adolescents
Klaas F. Franzen (Luebeck, Germany), Mareike Lüthgen, Henrike A. Faesser, Loana Penner, Paul N. Axt, Annika Burgard, Maike Trümpelmann, Gyde Nissen, Daniel Drömann, Folke Brinkmann

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Sociodemographic profile of users of electronic cigarettes in Rio Grande do Norte/Brazil: a cross -sectional study
Thaiza Teixeira Xavier Nobre (Natal (RN), Brazil), Maria Do Socorro Luna Cruz, Damião De Araújo Junior, Brenda Yasmim Ribeiro De Morais, Gabriella Caiana Dos Santos, Catharinne Angélica Carvalho De Farias, Silvana Loana De Oliveira Sousa

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Smoke on the field: Tobacco use among sportspeople in Kairouan, Tunisia
Baraa Ben Bdira (Sousse, Tunisia), Nadia Aroussi, Asma Knaz, Asma Omrane, Iteb Ben Limem, Salsebil Bouafia, Sana Aissa, Imen Gargouri, Ahmed Abdelghani

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Impact of MPOWER Interventions on Smoking Cessation and Electronic Nicotine Delivery Systems in Germany: A Time Series Analysis Using Google Trends
Klaas F. Franzen (Luebeck, Germany), Tobias Jagomast, Imke Tangemann-Münstedt, Mareike Lüthgen, Daniel Drömann

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Healthy Lungs for Life for Schools (HLFL4S): 2 years educational intervention in Italy to prevent lung disease in adulthood (a CADSET pilot project)
Paola Pierucci (Bari, Italy), Velia Malizia, Rosalia Gagliardo, Gabriella Campa, Francesca Botrugno, Maria Storelli, Agostina Martinelli, Lucy Robinson, Katherine Wylie, Lauren Anderson, Nadine Peters, Pippa Powell

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Healthy Lungs for Life for Schools – evaluating the role of lung health tests in the classroom
Nadine Peters (Brussels, Belgium), Pippa Powell, Paola Pierucci, Katherine Wylie, Lucy Robinson, Marie-Kathrin Breyer, Barbara Wögerbauer, Micheal Sturm, Robab Breyer-Kohansal

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Discriminant Analysis of Knowledge and Perceptions on Tobacco Heating Systems and E-Cigarettes
Alessandra Pandolfo (Palermo, Italy), Stefania Roncaglia, Giulia Bertolucci, Alessandra Beni, Andrea Perri, Giulia Grillo, Michele Ghezzi, Maria Elisa Di Cicco, Giovanni Viegi, Stefania La Grutta

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The radioactive hypothesis for lung cancer in ex-smokers
Maria Sofia Cattaruzza (Roma (RM), Italy), Vincenzo Zagà, Giuseppe Gorini, Paola Martucci, Martina Antinozzi

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Trends in prevalence and motivation of tobacco use among youth 2022–2025
Vitalii Poberezhets (Vinnytsia, Ukraine), Vitalina Harkusha, Anna Demchuk, Vitalii Slobodian

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The modern trends of smoking in children and teenagers
Sofia Borysenko (Вінниця, Ukraine), Oksana Poberezhets, Mykola Stanislavchuk, Khrystyna Volnytska, Nadiya Rudnytska, Volodymyr Tsmok

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Clinical, psychological and socioeconomic traits that are associated with nicotine dependency in smokers
Santhiya Ramachandran (Puducherry, India), Pajanivel Ranganadin, Lakshmi Piriya Santhakumar

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Prenatal and Postpartum Education for Smoking Cessation and Breastfeeding
Paraskevi Katsaounou (Athens, Greece), Eftychia Kapentzoni, Kleanthi Gourounti, Antigoni Sarantaki, Maria Vlachou, Athina Diamanti

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Factors associated with smoking cessation success
Amal Saidani (Bizerte, Tunisia), Souha Abdenneji, Houda Rouis, Hajer Racil, Chahida Hariz, Ines Akrout, Hajer Abdelghaffar, Ines Zendah, Chirine Moussa, Sonia Maalej

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Vape Delivery Apps: Helping Quit or Fueling Addiction?
NADA Boutbagha (Agadir, Morocco), Hanane Ikrou, Salma Abrar, Oussama Halloumi, Selma Abdala, Hind Serhane

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Knowledge and attitudes of health care professionals regarding anti-smoking regulations: results of a surveycarried out at the MTM University Hospital of Nabeul (Tunisia)
Hana Dhifallah (Ariana, Tunisia), Khaoula Hmissi, Nada Gader, Narjes Abid, Hedia Ghrairi

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Are we reaching our goal when running media advocacy tobacco control campaigns?
Sofia Belo Ravara (Covilhã, Portugal), Raquel Rosa, Hilson Cunha-Filho, Oliva Martins, Catia Jorge, António Morais

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Key factors influencing smoking among children and adolescents in Ukraine
Sofia Borysenko (Вінниця, Ukraine), Oksana Poberezhets, Mykola Stanislavchuk, Khrystyna Volnytska, Nadiya Rudnytska, Volodymyr Tsmok

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PS-40 Session 12:30 - 14:00

Poster session: Medical education, web, internet, ethics and economics

Disease(s) : Airway diseases | Pulmonary vascular diseases | Respiratory critical care | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : Epidemiology | General respiratory patient care | Public health | Pulmonary rehabilitation | Endoscopy and interventional pulmonology | Imaging | Respiratory intensive care

Chairs : Hitasha Rupani (Southampton, United Kingdom), Chair to be confirmed

Recruitment of respiratory physicians – disparities between university and non-university hospitals in Germany
Espen Elias Groth (Hamburg, Germany), Erik Büscher, Julia Wälscher, Thomas Bahmer, Matthias Raspe, Nina Sicker, Katharina Buschulte, Christoph Fisser

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Retrospective analysis of discharge rates– impact of seven-day service on patient flow.
Evangeline Buck (Birmingham, United Kingdom), Syed Mashood Iqbal, Farrukh Rauf

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Qualitive data on patient, doctor and multidisciplinary team (MDT) opinion of 7-day consultant delivered ward rounds/service.
Evangeline Buck (Birmingham, United Kingdom), Rabab Qazi, Ibeleye Fyneface, Farrukh Rauf

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Current Evidence of the Burden and Impact of Climate Change on Respiratory Wellness: Impact of Online Medical Education on Physician Knowledge
Shanthi Voorn (Amsterdam, Netherlands), Adriana Stan, Alessia Piazza, Margaux Leberre, Zorana Jovanovic Andersen, Arzu Yorgancioglu

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Online Education Yields Significant Gains in Physicians' Knowledge on How to Mitigate the Impact of Climate Change on Lung Disease
Shanthi Voorn (Amsterdam, Netherlands), Adriana Stan, Alessia Piazza, Margaux Le Berre, Zorana Jovanovic Andersen, Arzu Yorgancıoğlu

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Bridging care gaps in pulmonary fibrosis: enhancing the patient journey
Jessica Shore (Elmhurst, United States), Dolly Kervitsky, Steve Jones, Sharon Lee, Flora Bery-Janusko, Kamila Sroka-Saidi, Pedro Pinheiro Martins, John Solheim

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Residential Course Learning vs. AI Responses with ChatGPT: Comparative Study of Knowledge Acquisition
Lorenzo Carriera (Roma, Italy), Roberto Barone, Guido Levi, Angelo Coppola, Andrea Smargiassi, Riccardo Inchingolo, Luca Richeldi

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Comparative evaluation of ChatGPT-4, Claude 3.5 Sonnet, and Gemini 1.5 Advanced for patient education on chronic obstructive pulmonary disease (COPD): a global expert assessment of artificial intelligence (AI)-generated responses
Guido Marchi (Pisa, Italy), Giulia Gambini, Giacomo Guglielmi, Francesco Pistelli, Laura Carrozzi

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Are chatbots useful for answering patients' narcolepsy-related questions?
Francisco Monteiro Henriques (Batalha, Portugal), Joana Ribeiro, Christine Costa, Ana Rita Martins, Ana Catarina Gameiro, Maria Beatriz Santos, Claudia Santos, Sónia Silva

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Accuracy of AI Chatbots in Asthma Care: A Comparative Study of ChatGPT, Gemini, and DeepSeek
Olha Shchudro (Dnipro, Ukraine), Lyudmyla Konopkina, Yuliia Huba, Larysa Botvinikova, Dariia Koval

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Impact of Interstitial Lung Disease Interdisciplinary Network (ILD-IN) membership on healthcare professionals and clinical practice
Marium Naqvi (London, United Kingdom), Doria Barbonchielli, Rosemary Boorsma, Joshua Burrough, Natalie Chen, Laura Fabbri, Nazir Hussain, Maria Koulopoulou, Sarah Mulholland, Cátia Paixão, Claire Walker, Michelle Westlake, Katherine Zakis, Ahmed Fahim

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Structured Skill-Based Training in Respiratory Medicine: Addressing the Challenges of a Shortened Curriculum
Colette Davidson (Dundee (Angus), United Kingdom), William Ricketts

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Healthcare workers' attitudes and the use of evidence-based antiviral drugs in China: a cross-sectional study
YUXIAN MU (Beijing, China), Xiaoying Gu, Lianhan Shang, Hui Zhang, Yeming Wang, Bin Cao

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Challenges and Solutions: Non-Specialist Physicians on the Frontlines of COVID-19 Specialized Hospitals – A Study of Unprepared Deployment and Continuous High-Risk Exposure
Ivana Svilarov (Niš, Republic of Serbia), Aleksandar Ivković

Scientometric analysis of national tuberculosis research performance in Indonesian universities
Muhammad Ilham Dhiya Rakasiwi (East Jakarta, Indonesia), Aulia Rizkia Herawati, Roihan Mohamad Iqbal, Farhan Hilmi Taufikulhakim, Erlina Burhan

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Knowledge, attitudes and practices of nutritional support among healthcare personnel of drug-resistant tuberculosis (DR-TB) at Ouagadougou
Ragnagnewendé Tanguy NIKIEMA (OUAGADOUGOU, Burkina Faso), Gilbert Nongkouni, Jean F A Tiendrebeogo, Gisèle Badoum

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A Survey on the Knowledge, Attitudes and Practices of Internists in a Tertiary Hospital in Cebu Regarding Air Pollution
Sofia Salome Aparece-Solis (CEBU, Philippines)

Effect of health literacy on healthy lifestyle behavior in patients with asthma
Özge Oral Tapan (Mugla, Turkey), Cemil Burak Boz, Utku Tapan

Development and Evaluation of a Training Program for Navigation Bronchoscopy: Guiding Novices to Proficiency
Ferhat Beyaz (Nijmegen, Netherlands), Julie E.M. Swillens, Roel L.J. Verhoeven, Rosella P.M.G. Hermens, Erik H.F.M. Van Der Heijden

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Evaluation of a multidisciplinary In Situ Simulation (ISS) program within a tertiary Intensive Care Unit (ICU)
Claire Pickering (Merewether, Australia), Michelle Guilhermino, Jessica Martin

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PS-28 Session 12:30 - 14:00

Poster session: Physiotherapy strategies for long-term management of lung cancer and COVID-19

Disease(s) : Thoracic oncology | Respiratory critical care | Interstitial lung diseases | Airway diseases | Sleep and breathing disorders

Method(s) : Pulmonary rehabilitation | Physiology | Public health | Surgery | Endoscopy and interventional pulmonology | Pulmonary function testing | General respiratory patient care

Chairs : Catherine Granger (Parkville (VIC), Australia), Chair to be confirmed

Long-term impact of lung cancer treatment on quality of life
Sarah Haesevoets (Diepenbeek, Belgium), Kirsten Quadflieg, Eva Arents, Fien Hermans, David Ruttens, Maarten Criel, Marc Daenen, Dieter Stevens, Veerle Surmont, Eric Derom, Martijn Spruit, Heleen Demeyer, Chris Burtin

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RETOS: Personalized Intervention and Behavior Change in Physical Activity Among Lung Cancer Survivors: Pilot Study
Jordi Vilaró Casamitjana (Barcelona, Spain), Mireia Daura Vidal, Laura Ros Soto, Guilherme Fregonezi, Jesús Brenes, Ernest Nadal, Paula Jakszyn

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Effect of resilience on cancer-related symptoms during lung cancer diagnosis: when should educational programs begin?
Alejandro Heredia Ciuró (Granada, Spain), Isabel Castillo Pérez, Paula Blasco Valls, Verónica Chacón Mcweeny, Vanessa Gabriela Jerviz Guía, Javier Martín Núñez, Marie Carmen Valenza

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The effect of exercise on serum inflammatory biomarkers in lung cancer patients who had surgery: a systematic review of randomized controlled studies
Gulse Ozer (Ankara, Turkey), Aynur Demirel

Patient experience of a home-based exercise and self-management program after lung cancer surgery: qualitative evaluation of a randomised clinical trial
Catherine Granger (Parkville (VIC), Australia), Georgina Whish-Wilson, Lara Edbrooke, Meinir Krishnasamy, Emma Visentin, Emma Kinnersly, Rachel Mitchell, Selina Parry

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Empowering recovery: A co-designed intervention to transform care for patients with operable lung cancer
Selina M Parry (Parkville (VIC), Australia), Georgina A Whish-Wilson, Lara Edbrooke, Vinicius Cavalheri, Zoe T Calulo Rivera, Madeline Cavallaro, Daniel R Seller, Catherine L Granger

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Absolute and relative intensity of physical activity in patients with resectable non-small cell lung cancer following surgery
Eva Arents (Knokke, Belgium), Haesevoets Sarah, Francesca Van Hulle, Maarten Criel, Karin Pat, Dieter Stevens, Veerle Surmont, Eric Derom, Bihiyjga Salhi, Lander Van Acker, Ingel Demedts, Chris Burtin, Heleen Demeyer

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Evaluation of Dual-Task Performance and Respiratory Muscle Endurance in Patients with Lung Cancer.
Aslinur Çakir (Ankara, Turkey), Saadettin Kilickap, Naciye Vardar Yagli

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Rehabilitation Needs of Long COVID Patients in British Columbia
Débora Melissa Petry Moecke (Vancouver, Canada), Pat Camp, Sonya Cressman, Evan Kwong, Jennifer Yao, Chiara Singh, Carolyn Taylor

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Impaired mechanosensitivity in Long COVID haulers and its functional implications
Andrés Calvache Mateo (Granada, Spain), Alba Navas Otero, Julia Raya Benítez, Araceli Ortiz Rubio, Ángela Benítez Feliponi, Geraldine Valenza Peña, Carmen Valenza

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Improving health status in COVID-19 long-hauler
Andrés Calvache Mateo (Granada, Spain), Alba Navas Otero, Julia Raya Benítez, Geraldine Valenza Peña, Irene Cabrera Martos, Irene Torres Sánchez, Carmen Valenza

Rehabilitation Capacity for Long COVID Care in British Columbia
Pat Camp (Vancouver (BC), Canada), Débora Melissa Petry Moecke, Sonya Cressman, Evan Kwong, Jennifer Yao, Chiara Singh, Carolyn Taylor

Inspiratory muscle training as a strategy to reduce frailty status and improve lung function in elderly individuals with long COVID: A pilot randomized clinical trial
Deivd Siqueira (Recife, Brazil), Helga Muniz De Souza, Daiara Xavier, Harrison Euller, Roberta Torres, Karen Galindo, Ragda Nascimento, Julia D'Arruda, José Carlos Nóbrega-Junior, Cyda Reynaux, Shirley Lima Campos, Daniella Cunha Brandão, Armele Dornelas De Andrade

Association between one-minute sit-to-stand test and cardiorespiratory fitness in patients awaiting lung cancer surgery
Raquel Sebio Garcia (Barcelona, Spain), Kirsten Quadflieg, Yu Xiao Chen, Maria Jose Arguis, Elena Gimeno-Santos, Ricard Navarro-Ripoll, Edgar Iglesias-Garcia, Sara Rio, Graciela Martínez-Pallí

Carbon monoxide diffusion and its relationship with inspiratory capacity, total lung capacity and maximum respiratory pressures in post-covid 19 patients Colombia
Julian Rivera (, Colombia), Lina Marcela Orozco Mejía, James Castillo Vergara, Manuelita Ascuntar Velásquez, Diana Carolina Zambrano Rios, Hugo Alejandro Carrillo

Empowering pulmonary rehabilitation for next pandemic:quality of life of severe COVID-19 survivors four years after discharge.
Rebecca Farah (Rhode-Saint-Genèse, Belgium), Daniel De Backer, Rocio Rimachi, Milena Pavlova, Wim Groot

Understanding outcomes of virtual rehabilitation in long COVID: post-hoc analysis of a randomized controlled trial (RCT)
Kriti Agarwal (Montreal, Canada), Amanda Rizk, Marla Beauchamp, Bryan Ross, Jean Bourbeau, Andrea Benedetti, Catherine Tansey, Maria Sedeno, Laura Barreto, Pei Zhi Li, Rebecca Zucco, Julie Lopez, Emily Crowley, Julie Cloutier, Tania Janaudis-Ferreira

A preliminary study comparing the effectiveness of telerehabilitation and physical activity recommendations in post-covid fibrosis
Özge Ertan Harputlu (İstanbul, Turkey), Goksen Kuran Aslan, Buket Akinci, Gulfer Okumus

Thoracoabdominal kinematics, pulmonary function, and exercise tolerance in post-COVID-19 patients undergoing cardiopulmonary rehabilitation
Daiara Nunes (Recife, Brazil), Bruna Araújo, Bárbara Bernardo Figueirêdo, Carlos Nóbrega Júnior, Harrison Euller, Deivd Arruda, Roberta Torres, Cyda Reinaux, Shirley Campos, Daniella Cunha Brandão, Armele Dornelas De Andrade

The effects of high-intensity interval exercise training on oxygen consumption, muscle oxygenation, and quality of life in patients with post-COVID-19 with pulmonary involvement
Ece Baytok (Ankara, Turkey), Meral Boşnak Güçlü, Başak Kavalcı Kol, Nilgün Yılmaz Demirci

PS-29 Session 12:30 - 14:00

Poster session: Clinical perspectives on bronchiectasis severity and comorbidities

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Physiology Pulmonary rehabilitation Public health Imaging

Chairs : Chair to be confirmed

Do FACED and BSI perform well in predicting long-term oxygen therapy in patients with bronchiectasis?
Sara Trimech (Monastir, Tunisia), Haifa Zaibi, Hend Ouertani, Emna Ben Jemia, Asma Jarrar, Ameni Naaroura, Jihen Ben Amar

Anxiety, depression and bronchiectasis severity index scores in patients with non-cystic fibrosis bronchiectasis
Matthew Brunige (Newcastle upon Tyne, United Kingdom), Henil Upadhyay, Biben Benny, Anthony De Soyza

Analysis of the phenotypes of cystic nonfibrosis bronchiectasis and their impact on clinical practice
María Guadalupe Hurtado Gañan (Sevilla, Spain), Carlos Sanchez Villar, Talia Maria Garcia Guerrero, Rut Ayerbe Garcia, Agustin Valido Morales, Virginia Almadana Pacheco

Relationship between inflammation and heart rate recovery after exercise in people with bronchiectasis
Juan Antonio Sáez-pérez (Zaragoza (Aragon), Spain), Ane Arbillaga-Etxarri, Victoria Alcaraz-Serrano, Elena Gimeno-Santos, Yasmina Hamam-Alcober, Antoni Torres, Lidia Perea, Rosa Faner, Oriol Sibila, Beatriz Herrero Cortina

Bronchiectasis and immunosuppression: a single-center analysis.
Lorenzo Arlando (Torino, Italy), Maria Arminio, Francesco Rocco Bertuccio, Valentina Conio, Angelo Guido Corsico, Emanuela De Stefano, Elisabetta Gallo, Ilaria Giana, Simone Montini, Klodjana Mucaj, Lucrezia Pisanu, Marianna Russo, Mitela Tafa, Giulia Maria Stella

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Exploring the overlapping burden of alpha-1 antitrypsin deficiency and bronchiectasis: insights from the US BRR
Radmila Choate (Lexington, United States), Amanda Brunton, Timothy Aksamit, Charles Daley, Leigh Anne Daniels, Nicole Lapinel, Shelby Macrae, Diego Maselli, Pamela Mcshane, Mark Metersky, Christopher Richards, Pramod Gaikwad, Kevin Winthrop, Alan Barker

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Is multimorbidity a clinical predictor of poor outcomes in bronchiectasis?:A BronchUK registry analysis
Tony De Soyza (Newcastle-upon-Tyne, United Kingdom), Rebecca Watson, Phil Mawson, Tom Shield, Martin Kelly, Stuart Elborn, Adam T Hill, Tim Gatheral, Anita Sullivan, Charles Haworth, John R Hurst, Jeremy Brown, Mary Carroll, Michael Loebinger, Judy Bradley, Paul P Walker, John Steer, Jamie Duckers, James Chalmers, Richard Mcnally, Henil Upadhyay

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Risk factors for hemoptysis in non-cystic fibrosis bronchiectasis: the BEE case-control study
Salvatore Battaglia (Palermo (PA), Italy), Maria Fulvia Di Grado, Stefania Marino, Martina Lo Casto, Pietro Ingrao, Giuseppina Angileri, Anna Lo Pilato, Nicola Scichilone

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Rhinosinusitis with nasal polyposis is a clinical predictor of type 2 inflammation in bronchiectasis: an EMBARC registry analysis
Michal Shteinberg (Haifa, Israel), Charles Haworth, Jennifer Polliock, Shai Cohen, Michael Loebinger, Jenny Jrbashian, Katerina Dimakou, Nizar Abo-Heo, Stefano Aliberti, Nili Stein, Felix Ringshausen, Yochai Adir, Anthony De Soyza, Montserrat Vendrell, Pierre-Regis Burgel, Oriol Sibila, Apostolos Bossios, Holly Lind, Kateryna Viligorska, Kara Robertson, Paula Kauppi, Branislava Milenkovic, Rosario Menendez, Oxana Munteanu, Dusanka Obradovic, Adam Nowinski, Adelina Amorim, Antoni Torres, Natalie Lorent, Eva Van Braeckel, Muhammad Anwar, Salvatore Battalglia, Amelia Showmark, Wim Boersma, Pieter Goeminne, Francesco Blasi, Eva Polverino, James Chalmers

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Prognostic assessment in bronchiectasis: the impact of comorbidities using the Charlson index
Maria Enedina Aquino Scuarcialupi (João Pessoa (PB), Brazil), SUYANE ALVES DE QUEIROGA VILAR, Mariana Campelo Bezerra Cavalcanti

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Clinical significance of eosinophilic bronchiectasis in a multi-ethnic Asian cohort
Chloe Lim (Singapore, Singapore), Wesley Teck Wee Loo, Mariko Siyue Koh, Ken Cheah Hooi Lee, Timothy Weiquan Toh

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Bronchiectasis severity index: Prognostic performance in predicting mortality
Haifa Zaibi (Tunis, Tunisia), Sara Trimech, Hend Ouertani, Emna Ben Jemia, Asma Jarrar, Ameni Naaroura, Jihen Ben Amar

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Predictors of Cardiovascular events in patients with bronchiectasis: A single centre EMBARC analysis
Jaa Ming (Ben) New (Dundee, United Kingdom), Jamie Stobo, Holly Lind, Kateryna Viligorska, Emma Johnson, Kara Robertson, Stefano Aliberti, Amelia Shoemark, Faisel Khan, James D Chalmers

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Non-cystic fibrosis bronchiectasis (NCFB): correlation between symptoms, pulmonary function, and exacerbations in outpatients during one year of follow-up
Martina Meocci (Siena, Italy), Giuseppina Ciarleglio, Elena Bargagli

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Assessment of non-cystic fibrosis bronchiectasis severity: The FACED Score vs the Bronchiectasis Severity Index
Soumaya Debiche (Le Kram, Tunisia), Hela Cherif, Mehdi Charfi, Bachta Tayssir, Kefi Rihab, Salma Mokaddem, Yangui Ferdaous, Charfi Mohamed Ridha

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Drug response assessment trials for inhaled hypertonic saline in patients with bronchiectasis: Analysis of data from the CLEAR trial
Rebecca H. McLeese (Belfast, United Kingdom), Judy M. Bradley, Danny Mcauley, Mike Clarke, Andrew Jackson, Kathryn Ferguson, Ryan Mcchrystal, Anthony De Soyza, James D. Chalmers, J. Stuart Elborn, Brenda O'Neill

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Bronchiectasis severity scores (FACED and BSI) and systemic inflammation: is there any correlation?
Sara Trimech (Monastir, Tunisia), Haifa Zaibi, Emna Ben Jemia, Hend Ouertani, Asma Jarrar, Ameni Naaroura, Jihen Ben Amar

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Morbidity in patients with NCFBE and exacerbations in the THIN France database
Pierre-Régis Burgel (Paris, France), Marlène Murris, Bernard Maitre, François-Xavier Blanc, Marko Obradovic, Deval Gor, Joseph Feliciano, Idir Ghout, Caroline Eteve-Pitsaer, Charlotte Renaudat

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Morbidity in patients with NCFBE and exacerbations in the THIN UK database
Michael Loebinger (London, United Kingdom), Jennifer Quint, Marko Obradovic, Deval Gor, Joseph Feliciano, Idir Ghout, Dionisio Acosta-Mena, Alexia Callet, Charlotte Renaudat

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PS-2 Session 12:30 - 14:00

Poster session: Latest update: COVID-19, long COVID and rehabilitation

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Public health | Pulmonary rehabilitation | Pulmonary function testing | Epidemiology | General respiratory patient care | Respiratory intensive care | Physiology

Chairs : Chair to be confirmed

Body composition, muscle strength, cardiorespiratory capacity in long covid patients after electromyostimulation
Nelson Francisco Serrão Júnior (Rio Grande do Sul, Brazil), Paula Ricci, Lêda Carvalho, Patrícia Camargo, Flavia Caruso, Antonio De Castro, Adriana De Araújo, Audrey Silva

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Recovery at one-year post COVID-19 hospitalisation in adults with pre-existing multiple long-term conditions: a propensity-score matched analysis
Lucy Gardiner (Leicester, United Kingdom), Daniel Lozano Rojas, Iain Stewart, Nikki Smith, Jane Espley, Sally J Singh, Rod S Taylor, Rachael A Evans

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Sex-specific cardiopulmonary changes in post-COVID-19 patients following rehabilitation - a retrospective data analysis
Laura Poschenreithner (Wien, Austria), Julia Fuchs, Benjamin Sabic, Marijan Potzmann, Julia Maasz, Karin Vonbank

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Beneficial effects of face-to-face pulmonary rehabilitation in patients with Long Covid: a systematic review with meta-analysis
Ada Clarice Gastaldi (Ribeirao Preto (SP), Brazil), Janne Marques Silveira, Ana Paula Midori Nakaishi, Daniele Oliveira Santos, Marcos Gontijo Silva, Fernanda Lima, Jéssica Perossi

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Are pulmonary function tests, functional exercise capacity and quality of life affected in post-COVID patients?
Feride Marim (Kutahya, Turkey), Umran Toru Erbay, Sebnem Emine Parspur, İlknur Kaya, Mehmet Dogan, Fatima Yaman, Elif Peksen

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Cluster analysis in a real-world-cohort of patients with post-covid-condition in a pulmonary doctor's practice
Paul Beyer (Marburg, Germany), C. Endres, C. Nell, A. R. Koczulla, S. Wilhelm, T. Greulich

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Sex-dependent predictors in post-COVID syndrome score in a population-based cohort
Jarka Lunow (Kirchbarkau, Germany), Thomas Bahmer, Anne-Kathrin Ruß, Sabrina Ballhausen, Alin Viebke, Carolin Nürnberger, Anna Horn, Stefan Störk, Peter Heuschmann, Thomas Zoller, Fridolin Steinbeis, Martin Witzenrath, Lilian Krist, Ekaterina Heim, Sina Hopff, J. Janne Vehreschild, Wolfgang Lieb, Michael Krawczak, Klaus F. Rabe, Stefan Schreiber, Mustafa Abdo, Lennart Reinke, Espen Elias Groth, Jan Heyckendorf

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Does DLCO Significantly Enhance Prognostic Assessment and Likelihood of Fatigue and Dyspnea in COVID-19 Survivors? – A 12-Months Follow-Up Analysis
Audrey Borghi Silva (São Carlos (SP), Brazil), Patrícia Camargo, Guilherme Back, Cássia Goulart, Flávia Caruso

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The impact of whole-body electromyostimulation and physical exercise on lung function and aerobic capacity in patients with long covid
Paula Angélica Ricci (São Carlos, Brazil), Lêda Leonôr Mendonça Carvalho, Patrícia Faria Camargo, Nelson Francisco Serrão Junior, Adriana Sanches Garcia De Araújo, Audrey Borghi Silva

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Experiences with a micro-choice-based intervention for long COVID: a focus group study
Kiri Lovise Njøten (Bergen, Norway), Liv Heide Magnussen, Anne Haugstvedt, Marte Jürgensen, Gerd Kvale, Bente Frisk

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Real world evaluation of face-to-face and digital COVID rehabilitation.
Enya Daynes (Leicester, United Kingdom), Nikki Gardiner, Emma Chaplin, Sally J Singh

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The minimum clinically important difference in the incremental shuttle walking test in long COVID rehabilitation
Emily Morgan-Selvaratnam (Leicester, United Kingdom), Molly M Baldwin, Enya Daynes, Rachael A Evans, Sally J Singh

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OZONE THERAPY IN THE REHABILITATION PROGRAM FOR COMMUNITY ACQUIRED PNEUMONIA ASSOCIATED WITH THE SARS-Cov-2 VIRUS
Iryna Baranova (Vinnytsya, Ukraine), Iryna Iliuk, Kateryna Postovitenko, Nataliia Popenko, Olena Korobro

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Correlation between length of hospital stay and muscle strength in male and female COVID-19 survivors
Ada Clarice Gastaldi (Ribeirao Preto (SP), Brazil), Jéssica Perossi, Lucas Botelho Azevedo, Fernanda Lima, Dayane Bazan, Marisa De Cássia Registro Fonseca

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Completion rates for non-hospitalised patients attending exercise-based Long Covid rehabilitation – Is there a difference between socioeconomic or ethnic groups?
Kate Kontou (Leicester, United Kingdom), Enya Daynes, Emma Chaplin, Nikki Gardiner, Kimon Ntotsis, Nicola A Bateman, Jennifer Creese, Sally J Singh, Linzy Houchen-Wolloff

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Beyond the lungs: the added benefit of progressive muscle relaxation in pulmonary rehabilitation for long COVID – a clinical trial
Alexandru Florian Crisan (Timisoara (Timis), Romania), Camelia Corina Pescaru, Adelina Maritescu, Emil Robert Stoicescu, Cristian Oancea, Daniela Iacob

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Influence of Fatigue on Rehabilitation Trajectories of Post-COVID Patients: A Cohort Study
Ferdinand Prüfer (Vienna, Austria), Ralf Harun Zwick, Špela Matko, Alexandra Unger, Michael J. Fischer, Vincent Grote

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Fatigue complaint in long-Covid: is desaturation on exertion a possible mechanism?
Reuel Silva (São Paulo, Brazil), Thais Yokoyama, Pedro De Oliveira, Alexandre Trindade, Carlos Carvalho, João Salge

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Evaluating Post-COVID Care: Long-Term Outcomes and Work Impact
Edith Visser (Leeuwarden, Netherlands), Andrea S. Fokkens, Annemieke Visser, Kor Johan Koning, Jolanda C. Kuijvenhoven

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Ad Integrum clinical respiratory recovery after pneumonia caused by Mycoplasma pneumoniae
Simon Valentin (Nancy, France), Charles Benaloul, Sarah Basin, Mathias Poussel, Bruno Ribeiro Baptista, Anne Guillaumot, Francois Goehringer, Francois Chabot, Ari Chaouat

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PS-33 Session 12:30 - 14:00

Poster session: Translational science in interstitial lung disease 2

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Imaging Physiology Pulmonary function testing

Chairs : Chair to be confirmed

Macrophage Fra-2 Promotes Pulmonary Inflammation and Fibrosis in a Mouse Model of Pulmonary Interstitial Fibrosis
Yun Liu (Xi'an, China), Shuping zheng

Inhibition of ogg1 – a novel strategy for treating pulmonary fibrosis OXC-201 reduces inflammation and fibrosis, leading to improved lung function in mice
Sandra Ekstedt (Stockholm, Sweden), Therese Pham, Mikael Adner, Ulrika Warpman Berglund, Christina Kalderén

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The novel autotaxin inhibitor, 2-carba cyclic phosphatidic acid ameliorates bleomycin-induced lung fibrosis in mice.
Keiko Haji (Tokushima, Japan), Seidai Sato, Hirohisa Ogawa, Yuta Isomura, Noriko Bando, Ryoko Suzue, Phuong Thi Hong Trang, Nandia-Erdene Danzan, Yuya Yamashita, Kojin Murakami, Hiroki Bando, Nobuhito Naito, Kazuya Koyama, Hiroshi Kawano, Katsutoshi Kobayashi, Toshiro Morohoshi, Yasuhiko Nishioka

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The efficacy of Frankenia pulverulenta for the treatment of experimental lung fibrosis induced by Bleomycin in Wistar rats
Sana BAHRI (Tunis, Tunisia), Rim Ben Mansour, Syrine Sakouhi, Mona Mlika, Riadh Ksouri, Saloua Jameleddine

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Ganoderma microsporum immunomodulatory protein (GMI) ameliorates pulmonary fibrosis by regulating the PI3K/Akt/mTOR signaling
Tzu-Lan Hsia (Taipei City, Taiwan), Wei-Chung Chiou, Kuo-Chuan Chen, Pin-Kuei Fu, Cheng Huang

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Characterization of Human Precision Cut Lung Slices as an ex vivo model for Idiopathic Pulmonary Fibrosis
Gessica Marchini (Parma (PR), Italy), Federico Volpato, Beatrice Spagnoli, Gino Villetti

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Exploring the role of hypusine signaling in IPF
Sarah-Eve Lemay (Quebec, Canada), Wen-Hui Wu, Sandra Martineau, Mélanie Sauvaget, Andréanne Pelletier, Sandra Breuils-Bonnet, Charlie Théberge, Alice Bourgeois, François Potus, Steeve Provencher, Sébastien Bonnet, Olivier Boucherat

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AT2R agonists buloxibutid (Compound 21) and NAc inhibit fibrogenesis in human precision cut lung slices ex vivo
Jane Bourke (Clayton (VIC), Australia), Olivia Young, Paris Papagianis, Elizabeth Richards, William Studley, Yi Chen, Philip Bardin, Jade Jaffar, Glen Westall

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PMEPA1 regulates the function of fibroblast through STAT3/p-STAT3/GLUT1 pathway to participate in the pathogenesis of IPF
Li Zhen (Beijing, China), Hu Yinan, Jin Jin

Evaluation of a PDGFRβ-specific vector for targeted drug delivery in pulmonary fibrosis
Jan Willem Duitman (Amsterdam, Netherlands), Joey Muns, Kevin Adamzek, Rychon Van Dasselaar, Marieke Ten Brink, Arthur Eibergen, Sylvia Klomp, Esther Nossent, Harm Jan Bogaard, Guus Van Dongen, Bart Nijmeijer

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UL ameliorates lung inflammation and pulmonary fibrosis by regulating the TGF-β/TβRs signaling and autophagy
Wei-Chung Chiou (Taipei City, Taiwan), Tzu-Lan Hsia, Pin-Kuei Fu, Cheng Huang

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A Vaccine Therapy for Idiopathic Pulmonary Fibrosis
Tianxia Lan (Chengdu, China), Xiawei Wei, Ting Yang, Fengming Luo

Advancing pulmonary fibrosis Treatment: Efficacy testing for new drug candidates on the ILD on-chip model
Lea de Maddalena (Bern, Switzerland), Nicole Albrecher, Giulia Raggi, Laurène Froment, Alessia Cagnan, Nuria Roldan, Pauline Zamprogno, Gessica Marchini, Nina Hobi

Repositioning a drug for hyperlipidemia as a potential senotherapeutic for aging-related respiratory diseases
Sachi Matsubayashi-Hosokawa (Tokyo, Japan), Saburo Ito, Tomoya Maruyama, Kosuke Miyamura, Saiko Nishioka, Shun Inukai, Masahiro Yoshida, Shunsuke Minagawa, Takanori Numata, Hiromichi Hara, Jun Araya

Cluster analysis of cytokines in bronchoalveolar lavage samples from patients with Interstitial Lung Diseases: an exploratory study
Joel Francesqui (Barcelona, Spain), Rubén Osuna-Gómez, Marta Hernández-Marcos, María Mulet Gual, Ana Pardessus, Virginia Pajares, José Manuel Brenes, Silvia Vidal, Diego Castillo

The synergistic effects of pirfenidone and PPAR-alpha agonists in alleviating the profibrotic response in pulmonary fibrosis
Gani Oruqaj (Gießen, Germany), Learta Pervizaj-Oruqaj, Mohammad Rashedul Alam, Margarida Barroso, Clemens Ruppert, Andreas Guenther, István Vadász, Matthias Hecker, Natascha Sommer, Khodr Tello, Wei Shi, Susanne Herold, Eveline Baumgart-Vogt

Tissue repair response in Non-Specific Interstitial Pneumonia compared to Idiopathic Pulmonary Fibrosis
Vijay Hadda (New Delhi (Delhi), India), Shadab Ali, Saurabh Mittal, Anita Chopra, Pawan Tiwari, Tejas Suri, Ashu Seith Bhalla, Anant Mohan

B Cell Dysregulation in Acute Exacerbation of Idiopathic Pulmonary Fibrosis
Dong-Woo Han (Seoul, Republic of Korea), Jin-Young Huh, Kyeongmi Lee, Gye Sun Jeon, Sanghyuk Lee, Jin Woo Song

LPCAT1 as a Therapeutic Target for AT2 Regeneration in IPF
anas rabata (Los Angeles, United States), Dianhua Jiang

PS-5 Session 12:30 - 14:00

Poster session: Digital transformation in respiratory healthcare: virtual hospital, risk stratification, telerehabilitation, remote diagnosis and monitoring

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : General respiratory patient care | Pulmonary function testing | Public health | Pulmonary rehabilitation | Transplantation

Chairs : Sami O. Simons (Maastricht, Netherlands), Chair to be confirmed

Effects of digital remote care on healthcare utilization and patient satisfaction in COPD
Silje Bergersen (Skedsmokorset, Norway), Nina Mickelson Weldingh, Bendik Westlund Hegna, Anne Edvardsen, Olav Lenvik, Christiane Kværner, Gunnar Einvik

Using a quasi-experiment design to study the effect of Virtual Hospital care on outcomes for Respiratory Patients
Michael Shaw (London, United Kingdom), Michal Kelly, Eleanor Zinkin, Niall Keenan

Exploring why patients refuse respiratory Virtual Hospital care
Michael Shaw (London, United Kingdom), Harry Whelan, Eleanor Zinkin, Niall Keenan

Achieving cost savings through admission to a respiratory virtual ward
Ketan Patel (Colchester, United Kingdom), Deji Olajide, Marc Rodriguera, Annemarie Casey, Marriel Yap, Christopher Yates, Joie Cabaya, Mina Begum, Bina Bibi, Richa Singh

Delivering a respiratory virtual ward: An audit of utilisation
Ketan Patel (Colchester, United Kingdom), Deji Olajide, Marc Rodriguera, Annemarie Casey, Marriel Yap, Christopher Yates, Joie Cabaya, Mina Begum, Bina Bibi, Richa Singh

Artificial intelligence and clinical guidelines to find at-risk COPD patients for treatment optimisation
Anouk Veldman (The Hague, Netherlands), Jad El Khoury, Norbert Feigler, Sean Evans, Ashwani Tanwar, Guanyu Tao, Marzana Chowdhury, Jingqing Zhang, Vibhor Gupta

Online consultations for asthma care in UK general practices: a focused ethnographic study
Nazim Uzzaman (Khulna, Bangladesh), Victoria Hammersley, Jessica Sheringham, Kirstie Mcclatchey, Hilary Pinnock

Assessment of control of chronic obstructive pulmonary disease (COPD) in dispensary patients based on the results of telecommunication
Oles Kuchyn (, Ukraine), Maria Vyshniakova, Alina Dovgan

The concordance of virtual coached spirometry in a COPD clinical trial
Mohd Nubli Mustapa (Cambridge, United Kingdom), Enti Spata, Daniel Windgassen, Mike Aylott, Joao Ferreira, Fatma Nazifova, Caroline Jonstrand, Cecilia Kristensson, Wayne Brailsford, Lars Kurkinen, Paul Thomson, Maria G Belvisi, Katharine Locke, Rod Hughes

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Long term effects of a digital physical activity intervention on healthcare utilisation and survival in lung transplant recipients
Emily Hume (Newcastle Upon Tyne, United Kingdom), Hazel Muse, Kirstie Wallace, Mick Wilkinson, Karen Heslop Marshall, Arun Nair, Stephen Clark, Ioannis Vogiatzis

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Evaluation of daily at-home e-diary compliance using online versus offline collection methods in respiratory clinical trials
Lauren Crooks (Johannesburg, South Africa), Manuela Bossi, Bill Byrom, Elias Ketiar

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A scoping review of clinical decision support trials for asthma
Holly Tibble (Edinburgh, United Kingdom), Bohee Lee, Imogen Skene

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Remote Monitoring of Oxygen Saturations to support Clinical Decision-Making in Long-Term Oxygen Therapy titration (LTOT) in COPD Patients
Michelle Angeli Uno (Balbriggan, Ireland), Michele Cuddihy, Cyril Olugbade, Vincent Brennan, Breda Cushen

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Digital interventions for integrated care of OAD patients in India: DECODE Survey
Sonam Vinod Solanki (Mumbai (Maharashtra), India), Arjun Khanna, Richa Mittal, Varun Patel, Arpan Shah, Hardip Maniar, Manu Madan, Angshuman Mukherjee, S Yuvarajan, Rohan Gupta, Vaishali Naik, Meena Lopez, M Senthilnathan, Jaideep Gogtay

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Assessment of a telemedicine training program for spirometry performance in primary care.
Leire San Juan Redondo (Portugalete, Spain), Laura Cortezón Garces, Teresa Bretos Dorronsoro, Carlos Caldera Fernández, Eva Tabernero Huguet, Iker Ormaetxea Saenz De Buruaga, Maria Aranzazu Becerril Urbina, Francisco Serna Rodríguez, Borja Santos Zorrozúa, Nuria Marina Malanda

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Impact of a telemonitoring program on patient satisfaction and exacerbations in severe asthma
Anita Lídia Lascasas Trigueira (Porto, Portugal), Luís Miguel Santos Silva, João Pedro Macedo, Lúcia Gonzalez, Rita Matos Gomes, Jorge Ferreira

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Effect of Pilates-Based Exercises Applied With Hybrid Telerehabilitation Method on Respiratory Parameters and Functional Capacity in Scoliosis
Ayşe Sena Manzak Dursun (Istanbul, Turkey), Semiramis Ozyilmaz, Hikmet Ucgun, Nuh Mehmet Elmadag

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Evaluating telemonitoring strategies for chronic respiratory diseases: a feasibility study
Julien Lebleu (Bruxelles, Belgium), Benoit Ernst, Marie Bruyneel, Kevin Forton, Thomas Pasau, Maureen Gagliardi, Helene Van Cauwenberge, Julien Guiot

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Internet of things-based home non-invasive ventilation in COPD patients with hypercapnic chronic respiratory failure: cost benefit analysis.
Chenjun Zhou (Beijing, China), Hongen Liao, Yuanlin Song

PS-16 Session 12:30 - 14:00

Poster session: Remission/stability in airway diseases: how to achieve and what is next?

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Cell and molecular biology Epidemiology

Chairs : Guy Brusselle (Ghent, Belgium), Chair to be confirmed

Stringent American (ATS/ACAAI/AAAAI) endorsed 6-component definition of asthma remission is not achievable in a real-world benralizumab cohort
Jennifer Logan (Glasgow, United Kingdom), Kirsty Wetherall, Lynsey Gillespie, Alex Mcconnachie, Wai - Ting Nicola Lee, Hassan Burhan, Thomas Brown, Shoaib Faruqi, David J Jackson, Ramesh Kurukulaaratchy, Adel H Mansur, Dinesh Saralaya, Stephen J Fowler, Pujan Patel, James Brown, James Lordan, Salman Siddiqui, P Jane Mcdowell, Ratko Djukanovic, Ian D Pavord, Liam G Heaney, Christopher E Brightling, Rekha Chaudhuri

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Time -to - understand treatment response
Wim Janssens (Leuven, Belgium), Iwein Gyselinck, Helene Huts, Kenneth Verstraete, Maarten De Vos

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Asthma control and clinical remission in severe eosinophilic asthma (SEA) after 2 years of benralizumab treatment: prospective real-world data from XALOC-2
Marek Lommatzsch (Rostock, Germany), Erika Penz, Lieven Dupont, Trung N. Tran, Andrew Menzies-Gow, Anat Shavit, David Cohen, Tanja Plate, Mackenzie A. Hamilton, Charlotte Quataert, Claudio Schuoler, Thomas Rothe, Benjamin Emmanuel

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On-treatment clinical remission with tezepelumab in OCS-dependent patients with severe asthma in WAYFINDER
David J. Jackson (London, United Kingdom), Njira L Lugogo, Mark Gurnell, Liam G Heaney, Stephanie Korn, Guy Brusselle, Pascal Chanez, Ricardo Del Olmo, Jean-Pierre Llanos, Javier Moreno Sepena, Claudio Marchese, Bill Cook, Neil Martin, Shradha Chandarana, Amit Parulekar

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Clinical profile of severe asthma (SA) patients Mexican vs Global data and evolution once in the international severe asthma registry (ISAR)
Désirée Larenas-Linnemann (mexico, Mexico), Saraid Cerda-Reyes, Ulises García-Ramírez, Nidia Castillón-Benavides, Angélica Contreras-Contreras, Liliana Barboa, Nadia Aguilar-Hinojosa, Karen Rivera-Alvarado, Itzel V. Ochoa-García, María De La Luz García-Cruz, Ricardo Campos-Cerda, Claudine Nava-Ramírez, Yair González-Tuyub, Victor González-Uribe, Hugo Azuara-Trujillo, Elsy Navarrete-Rodríguez, Claudia Jiménez-Carrillo, Laura Dafne Mendoza Reyna, Dominic Friston, Ghislaine Scelo, David Price

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Clinical remission in severe asthma: comparison between different definitions of lung function stability
Cecilia Rivero (Turin, Italy), Giuseppe Guida, Stefano Pizzimenti, Elisa Riccardi, Chiara Gollinucci, Stefano Levra, Francesca Bertolini, Vitina Carriero, Elisa Arrigo, Fabio Luigi Massimo Ricciardolo

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Enhancing Clinical Remission and Reducing Health Care Utilization in Severe Eosinophilic Asthma: Real-World Benefits of Benralizumab in Belgium
Lieven Dupont (Leuven, Belgium), Charles Pilette, Maud Deschampheleire, Katrien Eger, Jean-Benoît Martinot, Mathias Leys, Ulrike Himpe, Rudy Peché, Muriel Lins, Solange Delovinfosse, Hélène Simonis, An Herreman, Charlotte Quataert, Tom Feys, Renaud Louis

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Dupilumab impact on clinical asthma remission by baseline inhaled corticosteroid dose
Giselle Mosnaim (Glenview, United States), Anju T. Peters, William W. Busse, Nicola A. Hanania, Celeste Porsbjerg, Changming Xia, Andrew Moraco, Mena Soliman, Njira L. Lugogo

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Biologic therapy improves clinical outcomes in severe asthma with incomplete response to long term antibiotics
Peer Ameen Shah (Leicester, United Kingdom), Christopher Brightling, Peter Bradding, Dominick Shaw, Anna Murphy, Claire Boddy, Shamsa Naveed, Sarah Diver

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Asthma remission in patients with eosinophilic granulomatosis with polyangiitis (EGPA) following 2 years of treatment with anti-IL-5/R therapies
Arnaud Bourdin (Montpellier Cedex 5, France), Michael E. Wechsler, David J. Jackson, Salman Siddiqui, Alessandra Vultaggio, Lena Börjesson Sjö, Priya Jain, Sofia Necander, Anat Shavit, Claire Walton

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Inhaled Corticosteroid Reduction Effects on Asthma Outcomes after Three Years of Benralizumab Treatment in Severe Asthma Patients
Marta Arteaga Romero (Madrid, Spain), Laura López-Duque, Daniel Laorden, Inés Torrado, David Romero-Ribate, Elena Villamañán, Pablo Mariscal-Aguilar, Mihaela Ifrim, Carlos Carpio, Leticia De Las Vecillas, Javier Domínguez-Ortega, Santiago Quirce, Rodolfo Álvarez-Sala

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The 3TR-Asthma Biologic Cohort (ABC) study: an umbrella platform design to understand mechanisms of remission in severe asthma patients on biologics.
Stefania Principe (Utrecht, Netherlands), Nanna Dyhre-Petersen, Susanne Vijverberg, Lars I. Andersson, Emilie Johanning Bari, Maarten Van Den Berge, Borja G. Cosio, Rekha Chaudhuri, Amisha Singapuri, Stephen Fowler, Maciej Kupczyk, Andréas Simon Flavien Lillieroth Bricaud, Bonnie Millar, Martijn Nawijn, Jason Rigby, Hitasha Rupani, Marco Sereno, Ameen Shah, Chris Brightling, Sven-Erik Dahlén, Anke-Hilse Maitland Van Der-Zee, Celeste Porsbjerg

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Rates of clinical asthma remission in a severe eosinophilic asthma cohort on biologic treatment.
Feargal Helly (Dublin, Ireland), Mark Ward, Lucy Mccourt, Paula Hallahan, Claire Sheridan, Eoin Hunt, Brian Mccullagh

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From disease improvement to disease stability in patients with COPD: IMPACT post hoc analysis
Dave Singh (Manchester, United Kingdom), Valentina Di Boscio, Jodie Crawford, John R Hurst, Anurita Majumdar, Fiona Mosgrove, Stephen G Noorduyn, Rianne Stacey, Meilan K Han

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Observational analysis of biological remission in severe asthma: UK severe asthma registry (UKSAR)
P Jane McDowell (Belfast, United Kingdom), Charlene Redmond, John Busby, Pujan Patel, David Jackson, Paul Pfeffer, Adel Mansur, Mitesh Patel, Thomas Brown, Hassan Burhan, Rekha Chaudhuri, Hitasha Rupani, Liam Heaney

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Disease stability in COPD with umeclidinium/vilanterol (UMEC/VI) compared to tiotropium (TIO), umeclidinium, and salmeterol (SAL): post hoc analyses of ZEP and EMAX studies
Lowie Vanfleteren (Göteborg, Sweden), Mark Dransfield, Rianne Stacey, Anurita Majumdar, Alison Donald, Dave Singh

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Five years of anti-IL 5 for severe asthma: promising long-term efficacy, but sustained remission is rare
Kjell E J Håkansson (Copenhagen K, Denmark), Susanne Hansen, Marianne Baastrup Soendergaard, Anna Von Bülow, Ole Hilberg, Barbara Bonnesen, Claus Rikard Johnsen, Sofie Johansson, Lycely Dongo, Maria Bisgaard Borup, Roxana Vijdea, Linda Makowska Rasmussen, Johannes Martin Schmid, Charlotte Suppli Ulrik, Celeste Porsbjerg, Anne-Sofie Bjerrum

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Clinical Practice aplicability of the clinical remission concept in patients with seve eosinophilic bronchial asthma treated with anti- Interleukin 5 antibodies
Miriam Bullich Ramon (Barcelona, Spain), Manuel Luján Torné, Ana Sogo Sagardia, Inés Ruiz Gemar, Daniela Yamunaqué Camperón, Carles Grimau Chapinal, Berta Lloret Puig, Christian Domingo Ribas

Remission outcomes in difficult-to-treat allergic asthma with bacterial lysate 0M-85 therapy: A RWE study
Antonios Christopoulos (Patras, Greece), Maria Elpida Christopoulou, Ioannis Christopoulos, Maria Eleni Kasimeri, Lilia Panteli, Amalia Tryfonidou

Clinical remission rates in severe asthma and its predictive factors in a real world setting from Argentina
Maria Eugenia Franchi (Pilar, Argentina), Fernando Saldarini, Valeria Brichetti, Teresita Rosenbaum, Ricardo Zwiener, Alejandro Videla, María Laura Orazi, Carla Ritchie, Mónica Grilli, Sofía Porta, Cecilia Cavallo, Betiana Pereyra, Alvaro Teijeiro, Sebastián Gando, Maximiliano Romanczuk, Sebastián Ferreiro, Carlos Oliva, Nicolás Castiglioni

PS-24 Session 12:30 - 14:00

Poster session: Paediatric severe asthma and clinical trials

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care Public health Pulmonary function testing Physiology

Chairs : Chair to be confirmed

Impact of food allergy on asthma outcomes of children from ethnic groups with difficult to treat asthma (DA)
Melvin Qiyu Lee (Dublin 8, Ireland), Urvashi Nanda, Susan Frost, Benjamin Davies, Satish Rao, Prasad Nagakumar

Socioeconomic and ethnic predictors of fungal sensitisation in a paediatric difficult-to-treat asthma cohort
Urvashi Nanda (Birmingham, United Kingdom), Melvin Lee Qiyu, Sue Frost, Benjamin Davies, Satish Rao, Prasad Nagakumar

Exacerbation risk prediction in pediatric wheeze or asthma patients using machine-learning-based integrative omics analyses.
Cristina Longo (Laval, Canada), Oleg Matusovskiy, Ian M. Adcock, Lars I. Andersson, Charles Auffray, K Fan Chung, Sven-Erik Dahlen, Bertrand De Meulder, Ratko Djukanovic, Peter Howarth, Norbert Krug, Amanda Roberts, Ana R. Sousa, Peter J. Sterk, David Supple, Graham Roberts, Mohib Uddin, Scott Wagers, Anke-Hilse Maitland-Van Der Zee

Childhood disadvantage factors and Paediatric Intensive Care use for severe acute asthma in the Netherlands
Berber Kapitein (Amsterdam, Netherlands), Simone Van Dormolen, Malou Sprinkhuizen, Dick Markhorst, Suzanne Terheggen-Lagro, Job Van Woensel, Susanne Vijverberg

A pragmatic cluster randomised controlled trial (cRCT) of an educational intervention to promote asthma prescription uptake in General Practitioner Practices
RAMI ALYAMI (Jazan, Saudi Arabia), Steven Julious, Phillip Oliver, Rebecca Simpson, Ric Campbell

Inhaled corticosteroids plus Tiotropium versus inhaled corticosteroids plus Montelukast in children with poorly controlled asthma: a non-inferiority trial
Rashmi Ranjan Das (Bhubaneswar (Odisha), India), Soma Sengupta, Krishna Mohan Gulla, Biswa Mohan Padhy, Sakti Kumar Bal

Long-term follow-up of FEV1 in asthmatic children treated with Dupilumab in real life
Rachel Kinuani (Liège, Belgium), Stéphanie Wanin, Nicole Beydon

Dupilumab reduces severe exacerbation rates and total IgE levels in children with type 2 asthma, irrespective of transient increase in eosinophils
Sharon Dell (Vancouver, British Columbia, Canada), Theresa Guilbert, Antoine Deschildre, Wanda Phipatanakul, Nikolaos G. Papadopoulos, Clare S. Murray, Changming Xia, Andrew Moraco, Marissa Shams, Leonard B. Bacharier

Acceptability of point-of-care testing in children presenting with acute preschool wheeze enrolled in the PRECISE study
HANNAH NORMAN-BRUCE (Belfast, United Kingdom), Shaun O'Hagan, Tom Waterfield, Helen Groves

Efficacy outcomes in children with asthma receiving dupilumab plus medium-dose inhaled corticosteroids vs children who receive placebo and continue high-dose inhaled corticosteroids
Jorge Fernando Maspero (Ciudad Autónoma Buenos Aires, Argentina), Leonard B. Bacharier, Nikolaos G. Papadopoulos, Rémi Gagnon, Theresa W. Guilbert, Changming Xia, Olivier Ledanois, Mena Soliman

Evaluation of omalizumab to mepolizumab switch in children and adolescents with severe allergic eosinophilic asthma
Latika Gupta (London, United Kingdom), Ines De Mir Messa, Jose Valverde-Molina, Clare Murray, Ana Diez Izquierdo, Ana Martinez Canavate, Chinedu Nwokoro, Carolina Diaz Garcia, Alicia Callejon Callejon, Prasad Nagakumar, Olga De La Serna Blazquez, James Cook, Laura Valdesoiro, Juan Navarro Moron, Mirella Gaboli, Silvia Castillo Corullon, Alvaro Gimeno Diaz De Atauri, Pilar Caro Aguilera, Jaime Lozano Blasco, Yolanda Aliaga, Alejandro Lopez Neyra, Andrew Turnbull, Paula Corcuera Elosegui, Katharine Pike, Atul Gupta

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A systematic review to assess inclusion of adolescents in RCTs on pharmaceutical treatments for asthma from 2015-2023.
Amy Nuttall (Liverpool, United Kingdom), Catherine Mcnamara, William Bedson, Emma Wilkinson, Ian Sinha, Paul Mcnamara

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Real-world data: treatment with Tezepelumab in adolescents with severe asthma
Jordis Trischler (Frankfurt am Main, Germany), Johannes Schulze, Katharina Bluemchen

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Cost analysis of ADRB2 genotype-guided treatment for childhood asthma: results of the PUFFIN and PACT trial
Elise M.A. Slob (Amsterdam, Netherlands), Geert W.J. Frederix, Susanne J.H. Vijverberg, Lieke C.E. Noij, Somnath Mukhopadhyay, Tom Ruffles, Ron H.N. Van Schaik, Elin T.G. Kersten, Mariëlle W. Pijnenburg, Gerard H. Koppelman, Anke-Hilse Maitland-Van Der Zee

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Near Fatal Asthma in Children and Young People (CYP): A UK and ROI Surveillance Study
Deepa Varghese (Glasgow, United Kingdom), Ann Mc Murray, Tom Clemens, Mark Lyttle, Lisa Finlay, Des Cox, Peter Davis, Hilary Pinnock, Jonathan Grigg, Steve Cunningham

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Smartphone spirometry in children for asthma diagnosis: Measurement quality over seven days
Antonia Knopek (Göttingen, Germany), Hanna Fabinyi, Viktoria Zach, Nina Hoekstra, Carlotta Nüssing, Swantje Weisser, Angela Zacharasiewicz, Christiane Lex

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Child deaths due to Asthma or Anaphylaxis
Sylvia Stoianova (Bristol, United Kingdom), Tom Williams, David Odd, Vicky Sleap, James Fraser, Joanna Garstang, Jonathan Grigg, Mark Levy, Vibha Sharma, Jennifer Townshend, Karen Luyt

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Can controller therapy modify the natural course of pediatric asthma?
Sotirios Fouzas (Patras, Greece), Aikaterini Pana, Aris Bertzouanis, Michael Anthracopoulos

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Mepolizumab treatment in children and adolescents with severe eosinophilic asthma (CASAM)-A real-world study: 12 months analysis
Latika Gupta (London, United Kingdom), Ines De Mir Messa, Jose Valverde-Molina, Clare Murray, Ana Diez Izquierdo, Chinedu Nwokoro, Carolina Diaz Garcia, Alicia Callejon Callejon, Prasad Nagakumar, Olga De La Serna Blazquez, James Cook, Laura Valdesoiro, Juan Navarro Moron, Mirella Gaboli, Silvia Castillo Corullon, Alvaro Gimeno Diaz De Atauri, Pilar Caro Aguilera, Jaime Lozano Blasco, Yolanda Aliaga, Alejandro Lopez Neyra, Andrew Turnbull, Paula Corcuera Elosegui, Katharine Pike, Atul Gupta

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Single breath count compared to spirometry in the diagnosis and monitoring of treatment response in acute exacerbation of childhood asthma: a cross-sectional study
Rashmi Ranjan Das (Bhubaneswar (Odisha), India), Swathi Nakka, Krishna Mohan Gullla, Bhagirathi Dwibedi, Joseph John

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PS-21 Session 12:30 - 14:00

Poster session: Epidemiology of breathlessness, cough, sleep apnoea, allergy and comorbidities

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Epidemiology | Public health | General respiratory patient care | Palliative care

Chairs : Magnus Ekström (Lund, Sweden), Ana Luisa Araújo Oliveira (Aveiro, Portugal)

Prevalence and epidemiological characteristics of breathlessness in the Austrian Lung hEart sociAl boDy (LEAD) study
Alexander Müller (Wien, Austria), Charmaine Helk-Lim, Marie-Kathrin Breyer, Robab Breyer-Kohansal, Sylvia Hartl, Daisy Janssen, Andre Amaral, Emiel Wouters

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The association of breathlessness with quality of life, anxiety and depression in the Austrian Lung hEart sociAl boDy (LEAD) study
Alexander Müller (Wien, Austria), Charmaine Helk-Lim, Marie-Kathrin Breyer, Robab Breyer-Kohansal, Sylvia Hartl, Daisy Janssen, Andre Amaral, Emiel Wouters

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Trajectories of breathlessness in the LEAD study – A longitudinal analysis
Alexander Müller (Wien, Austria), Charmaine Helk-Lim, Marie-Kathrin Breyer, Robab Breyer-Kohansal, Sylvia Hartl, Daisy Janssen, Andre Amaral, Emiel Wouters

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Dyspnea burden and characterization in the French population: the CONSTANCES Cohort
Solene Valery (Issy Les Moulineaux, France), Nicolas Roche, Marie-Christine Delmas, Marcel Goldberg, Céline Ribet, Marie Zins, Benedicte Leynaert, Rachel Nadif, Thierry Perez

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Prevalence and Risk Factors for Refractory and Resolved Chronic Cough in the Canadian Longitudinal Study of Aging (CLSA)
Wafa Hassan (Hamilton, Canada), Alexandra J Mayhew, Nazmul Sohel, Kieran J Killian, Paul M O'Byrne, Parminder Raina, Imran Satia

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Proteomic profiling in subjects with respiratory symptoms from the general population
Mirjam Elisa Ljunggren (Uppsala, Sweden), Xingwu Zhou, Anders Blomberg, Ludger Grote, Magnus Sköld, Suneela Zaigham, Carl Johan Östgren, Andrei Malinovschi

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RFC1 Repeat Expansion and Chronic Cough: Evidence from the Korean Chronic Cough Registry
Kyung Eun Park (Seoul, Republic of Korea), Jiwon Lee, Ji-Yoon Oh, Ha-Kyeong Won, Jun-Pyo Choi, Hwa Young Lee, Woo-Jung Song

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Is Obesity Fueling a Hidden Crisis? Unraveling Sleep Apnea Mortality Trends in the U.S. – A CDC WONDER Analysis
Adnan Zafar (Hofuf, Saudi Arabia), Mian Zahid Jan Kakakhel, Ahmed Raza, Rameez Qasim, Erum Siddiqui, Hamna Jawad

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Polycythemia in Obstructive Sleep Apnea: A Study of Its Prevalence and Risk Factors
Prakhar Agarwal (Bhopal, India), Abhishek Goyal, Kirti Kadian, Abhijit Pakhare

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Experience of the Home Mechanical Ventilation Service in Chile (HMVS) 2006-2024
Roberto Vera Uribe (Santiago, Chile), Alejandra Sutherland, José Pablo Redard, Marcela Zuñiga, Oriel Gonzalez, Daniel Arellano, Rodrigo Torres-Castro, Nicolas Sepulveda-Caceres, Daniel Zenteno, Claudia Albertini, Jordi Vilaró, Rebeca Paiva Reinero

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Epidemiology and diagnoses of patients receiving invasive home mechanical ventilation in Germany: A nationwide analysis
Sarah Bettina Stanzel (Köln, Germany), Maximilian Zimmermann, Doreen Kroppen, Melanie Berger, Daniel Sebastian Majorski, Wolfram Windisch, Maximilian Wollsching-Strobel

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Comorbid relationships among atopic dermatitis, asthma, and food allergy: a meta-analysis
Yangmingzi Hu (Hangzhou, China), Haiqing Chen, Bingpeng Yao, Sheng Pan, Songmin Ying

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The application of cluster analysis to phenotype respiratory disease: a scoping review
Tiffany Bradshaw (Perth (WA), Australia), Shannon Simpson, Sanja Stanojevic

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Reported allergic symptoms associate well with sensitization to the corresponding allergen among schoolchildren
Eva Rönmark (Luleå, Sweden), Rebecca Johansson, Anders Bjerg, Anna Winberg, Linnea Hedman

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Association between asthma and chronic bone diseases: A cross-sectional analysis from the Longitudinal Ageing Study in India (LASI) data
Arundhati Bhatkande (Ahmedabad, India), Jagriti Gupta, Saibal Moitra, Subhabrata Moitra

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Allergic rhinitis is associated with increased suicidality: a systematic review and meta-analysis
Simon Høj (Copenhagen, Denmark), Frederik Kronvold Larsen, Bo Chawes, Vibeke Backer, Allan Linneberg, Simon Francis Thomsen, Torben Sigsgaard, Howraman Meteran

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Investigating the association between eosinophilic asthma and mental health disorders using genetic epidemiology.
George Nava (Bristol, United Kingdom), Christina Dardani, Golam Khandaker, James Dodd

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Associations between allergic conditions and risk of gastric cancer: a Mendelian Randomization study
Subhabrata Moitra (Ahmedabad, India), Saloni Patel, Arundhati Bhatkande, Arghya Bandyopadhyay, Saibal Moitra

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Respiratory characteristics of community patients in low-income regions of Brazil: retrospective cohort study
Francisco Jose Nigro Mazon (São Paulo (SP), Brazil), Tarso Augusto Duenhas Accorsi, Henrique Andrade Rodrigues Da Fonseca, Frederico Monfardini, Flavio Moreira Tocci, Ana Eliza Acerbi Sarti, Karen Francine Kohler, Renata Albaladejo Morbeck, Carlos Henrique Sartorato Pedrotti

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Preserved ratio, impaired spirometry (PRISm): an updated analysis from Mumbai, India
Lancelot Pinto (Mumbai, India), Ashwini Chawhan, Dhara Thakrar, Zarir Udwadia, Jai Mullerpattan, Radhika Banka, Trupti Mane

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PS-25 Session 12:30 - 14:00

Poster session: Primary ciliary dyskinesia in focus: mechanisms, markers and multidisciplinary care

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology Cell and molecular biology Imaging Physiology General respiratory patient care Pulmonary function testing

Chairs : Petr Pohunek (Praha, Czech Republic), Laura Petrarca (Roma (RM), Italy)

Systematic review of artificial intelligence and digital-automated tools to improve screening, diagnosis and characterization of Primary Ciliary Dyskinesia
Panayiotis Kouis (Nicosia, Cyprus), Mathieu Bottier, Nisreen Rumman, Mia Shanks, Andreas Protopapas, Amelia Shoemark, Myrofora Goutaki, Claire Jackson

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Impact of microbiological status on clinical and functional characteristics in Primary Ciliary Dyskinesia: the Microsurvey Study
Valentina Agnese Ferraro (Rosa' (VI), Italy), Valentina Tonazzo, Claudia Biondi, Alessandra Boni, Melissa Borrelli, Claudia Calogero, Alberta Circiello, Adele Corcione, Renato Cutrera, Valentina Fainardi, Giuseppe Fabio Parisi, Maria Francesca Patria, Giuseppe Scopelliti, Nicola Ullmann, Silvia Carraro

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Comparison of clinician-defined exacerbation and a modified version of the expert consensus in pulmonary exacerbations in primary ciliary dyskinesia (PCD),a BEAT-PCD collaboration
Kewei Zhang (Southampton, United Kingdom), Avni Kant, Melissa Borrelli, Carolina Constant, Silvia Castillo Corullon, Ela Eralp, Claire Hogg, Cordula Koerner-Rettberg, Enrico Lombardi, Natalie Lorent, Vendula Martinu, Lucy Morgan, Kim Nielsen, Heymut Omran, Ugur Ozcelik, Phil Robinson, Sandra Rovira-Amigo, Guillaume Thouvenin, Nicola Ullmann, Woolf Walker, Panayiotis Yiallouros, Camille Pearse, Bettina Frauchiger, Claudia E. Kuehni, Nicole Beydon, Philipp Latzin, Jane S Lucas, Bruna Rubbo

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Primary ciliary dyskinesia: treat the patient, not their gene!
Kewei Zhang (Southampton, United Kingdom), Amelia Bercusson, Siobhan Carr, Mary Carroll, Claire Hogg, Deepa Patel, Daniel Peckham, Evie Robson, Giulia Spoletini, Jane S Lucas, Woolf Walker, Bruna Rubbo

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Accuracy of immunofluorescence testing in the diagnosis of Primary Ciliary Dyskinesia (PCD): a six-year review at a specialist referral center
Mathieu Bottier (London, United Kingdom), Mellisa Dixon, Rhiannon Mclellan, Emily Howieson, Stephanie Blake, Sarah Ollosson, Charlotte Richardson, Ranjit K Rai, Farheen Daudvohra, Thomas Burgoyne, Hannah M Mitchison, Laura Gardner, Andrew Rogers, Andrew Fleming, Briggs Lizi, Michael R Loebinger, Siobhan Carr, Deborah Morris-Rosendahl, Amelia Shoemark, Claire Hogg

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Multimodal diagnostic evaluation in PCD patients without genetic confirmation
Mathieu Bottier (London, United Kingdom), Rhiannon Mclellan, Mellisa Dixon, Emily Howieson, Stephanie Blake, Sarah Ollosson, Charlotte Richardson, Ranjit K Rai, Farheen Daudvohra, Thomas Burgoyne, Hannah M Mitchison, Andrew Rogers, Andrew Fleming, Briggs Lizi, Laura Gardner, Siobhan Carr, Michael R Loebinger, Deborah Morris-Rosendahl, Amelia Shoemark, Claire Hogg

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Barriers and priorities for care for patients with primary ciliary dyskinesia (PCD): BEAT-PCD survey on expert's opinions
Bruna Rubbo (Southampton, United Kingdom), Laura Behan, John Goodwin, Claire Jackson, Janice Coles, Robert Hirst, Myrofora Goutaki, Corine Driessens, Claudia E. Kuehni, Jane S. Lucas

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Biallelic loss-of-function and novel hypomorphic polo-like kinase 4 (PLK4) variants in primary ciliary dyskinesia (PCD)
Claire L Jackson (Southampton (Hampshire), United Kingdom), Janice Coles, Gabrielle Wheway, Gemma Fryatt, Regan Doherty, James Thompson, Patricia Goggin, Lee Baker, Amanda Harris, David Hunt, Tom Hilliard, Jane S Lucas, N. Simon Thomas, Woolf T Walker

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Utilising human cellular models of Primary Ciliary Dyskinesia: A scoping review
Jonathan Ong (Southampton, United Kingdom), William Tsang, Jane Lucas, Claire Jackson, Bruna Rubbo

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Genetic background and pulmonary exacerbations in patients with primary ciliary dyskinesia
Pinelopi Anagnostopoulou (Nicosia, Cyprus), Panayiotis Kouis, Dilber Ademhan Tural, Sarah Altaraihi, Athina Christofidou, Hatice Nur Coemert, Simona Basilicata, Melissa Borrelli, Renato Cutrera, Nagehan Emiralioglou, Ela Erdem, Yasemin Gokdemir, Serena Gracci, Elpis Hatziagorou, Simone Helms, Bülent Karadag, Debora Maj, Marcus A. Mall, June K. Marthin, Nicos Middleton, Antonio Moreno-Galdó, Ugur Özçelik, Massimo Pifferi, Johanna Raidt, Jobst Röhmel, Sandra Rovira-Amigo, Francesca Santamaria, Ioannis Tsiolakis, Nicola Ullmann, Niklas Ziegahn, Kim G. Nielsen, Heymut Omran, Panayiotis Yiallouros

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Prevalence and trends in asthma diagnosis within a paediatric Primary Ciliary Dyskinesia cohort.
Natalie Blyth (Leicester, United Kingdom), Manisha Ramphul, Nicola Rowbotham, David K H Lo, Erol Gaillard, Priti Kenia, Deepa Patel

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Biomarkers in primary ciliary dyskinesia (PCD): A systematic review
Laura Gardner (London, United Kingdom), Amelia Shoemark, Katharine Harman, Micaela Mossop, Siobhan Carr, Jane C Davies, Myrofora Goutaki, Claire Hogg

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Risk factors and outcomes of vitamin D deficiency in paediatric primary ciliary dyskinesia
Nicola Rowbotham (Derby, United Kingdom), Natalie Lemming, Kahwee Teo, Hannah Harding, Priti Kenia, Deepa Patel

Respiratory Function in Primary Ciliary Dyskinesia Patients: The Role of Inhaled Treatment
Manel Jabberi (tunisia, Tunisia), Ella Nemsi, Naziha Hammouda, Siouar Gharsallaoui, Sabrine Louhaichi, Jamel Ammar, Besma Hamdi, Agnès Hamzaoui

High reproducibility in assessing ciliary biomarkers for primary ciliary dyskinesia clinical trials
Mathieu Bottier (London, United Kingdom), Amelia Shoemark, Thomas Burgoyne, Mellisa Dixon, Vinay Daryani, Tracy Staton, Rhiannon Mclellan, Emily Howieson, Stephanie Blake, Sarah Ollosson, Charlotte Richardson, Jessica Couch, Pallav Shah, John Matthews, Michael R Loebinger, Claire Hogg

Clinical and demographic characteristics of patients diagnosed with Primary Ciliary Dyskinesia with CCDC40 homozygous mutation
Mine Yüksel Kalyoncu (Istanbul, Turkey), Ela Erdem Eralp, Merve Selcuk, Seyda Karabulut, Neval Metin Çakar, Ceren Ayça Yıldız, Merve Akkitap Yiğit, Eda Esra Baysal, Fulya Özdemircioğlu, Almala Pınar Ergenekon, Yasemin Gokdemir, Bulent Karadag

Phenotypic presentation of an RPGR primary ciliary dyskinesia (PCD) cohort
Janice Coles (Southampton (Hampshire), United Kingdom), Claire L Jackson, Gemma Fryatt, James Thompson, Regan Doherty, Patricia Goggin, Jonathan W Y Ong, David Hunt, N. Simon Thomas, Woolf T Walker, Jane S Lucas

Move-PCD – A longitudinal randomised controlled trial of the effect of a physical activity program on quality of life in children and adults with PCD
Anne Schlegtendal (Bochum, Germany), Anna Teresa Hoffmann, Klaus Baum, Anna Mai, Christoph Maier, Julien Stein, Marianne Tokic, Stefanie Dillenhöfer, Thomas Lücke, Nina Timmesfeld, Folke Brinkmann

Interferon-signaling gene scores as a biomarker for SAVI in patients with interstitial lung disease
Heidi Schaballie (Belsele, Belgium), Bram Meertens, Thomas Renson, Kris De Coen, Karlien Claes, Veronique De Backer, Alexandre Belot, Raphaela Goldbag-Mansky, Joke De Hoorne, Simon J. Tavernier, Filomeen Haerynck

PS-13 Session 12:30 - 14:00

Poster session: Variability in sleep apnoea and the association of different hypoxia metrics with sleep apnoea diagnosis and outcomes

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Physiology Pulmonary function testing Public health Surgery

Chairs : Sébastien Baillieul (Grenoble CEDEX 9, France), KATERINA VLAMI (Chaidari, Greece)

Variability and reliability of obstructive sleep apnoea diagnosis across multiple sleep studies
Fred Fyles (Liverpool, United Kingdom), Abigail Clynch, Matthew Austin, Lesley Mattock, Gregory Y. H. Lip, Ari Manuel, Sonya Craig, Sriram Iyer

Prevalence of sleep-disorderd breathing over time: findings from the Bern Sleep-Wake Registry
Xiaoli Yang (Bern, Switzerland), Julia Van Der Meer, Julian Lippert, Markus Schmidt, Anne-Kathrin Brill, Christian Horvath

Weekly variations in obstructive sleep apnea severity: the weekend “social apnea” phenomenon
Lucia Pinilla (Adelaide, Australia), Bastien Lechat, Hannah Scott, Amy C Reynolds, Jack Manners, Kelly Sansom, Robert Adams, Pierre Escourrou, Peter Catcheside, Danny J Eckert

Is there a difference between sleep position in home sleep studies and in-laboratory polysomnographies?
Kathleen Jahn (Basel, Switzerland), Jonathan Roecken, Ekrem Temizel, Jochen Ruediger, Arjith Naduvilekoot, Philipp Konermann, Silviu Chirila, Antje Prasse, Werner Strobel

Biological sex specific association of lung function parameters on nocturnal oxygenation in a bariatric cohort before surgery
Christian Horvath (Bern, Switzerland), Manuel Schüpfer, Sebastian Ott, Anne-Kathrin Brill

Association of nocturnal hypoxemic burden and cancer incidence – a longitudinal analysis from the DIAbetes COhoRtE
Lisa Gambke (Regensburg, Germany), Sarah Driendl, Michael Arzt, Mathias Baumert, Klaus J. Stark, Iris M. Heid, Martina E. Zimmermann, Stefan Stadler

Sustained and intermittent hypoxia predict prevalent diabetes mellitus in obstructive sleep apnea –the national SESAR cohort
Ludger Grote (Göteborg, Sweden), Andreas Palm, Jenny Theorell-Hagloew, Magnus Wijkman, Martin Ulander, Jonas Agholme, Fredrik Iredahl, Jan Hedner

Association between sleep hypoxia and white matter hyperintensities in obstructive sleep apnea
Masako Ueyama (Tokyo, Japan), Hiroshi Kimura

Oxygen saturation Sample Entropy, a novel diagnostic tool in sleep disordered breathing
Amar Shah (London, United Kingdom), Nawal Alotaibi, Maggie Cheung, Rodanthe Nixon, Eshrina Gosal, Anita Saigal, John R Hurst, Ali R Mani, Swapna Mandal

Hypoxic burden: a key predictor of postoperative complications in OSA patients
Sébastien Bailly (Grenoble, France), Margaux Blanchard, Abdelkebir Sabil, Sandrine Kerbrat, François Goupil, Audrey Thomas, Jérémie Thereaux, Basil Fuchs, Francis Couturaud, Wojciech Trzepizur, Frédéric Gagnadoux

Hypoxic Burden in Obstructive Sleep Apnea: correlation with comorbidties
Ameni Hamdi (Sidi Bouzid, Tunisia), Ines Moussa, Hana Mrassi, Chaima Baya, Bacem Medini, Leila Douik El Gharbi

The hypoxic burden of moderate obstructive sleep apnoea
Sandhya Matthes (Solingen, Germany), Mohamed Ismail, Marcel Treml, Aymen Jmai, Johannes Knoch, Stefanie Keymel, Lars Hagmeyer, Winfried Randerath

Hypoxic burden, a key metric for obstructive sleep apnea stratification?
M Teresa Martin De Carpi (Zaragoza, Spain), Sonia Zuñiga Quílez, Patricia Bayod Carbó, Nuria Bernad Serrano, Luisa Cabrera Pimentel, Irene Almudena Tesán Aznar

Hypoxic burden: a future diagnostic measure and severity stratification in obstructive sleep apnea?
Marta Pérez Ortega (Huelva, Spain), Javier Romero Lopez, Ana Belén Rodriguez Gómez, Jessica Hilares Vera, Sara González Gutierrez, María Teresa González García

The AHI-ODI difference – what can this parameter tell us?
Ludger Grote (Göteborg, Sweden), Ding Zou, Sebastien Bailly, Elisa Perger, Ozen K Basoglu, Dries Testelmans, Francesco Fanfulla, Pawel Sliwinski, Thomas Penzel, Johan Verbraecken, Richard Staats, Athanasia Pataka, Jan Hedner, The Esada Collaborative Network

Beyond AHI: the impact of desaturation severity on sleep architecture of patients with mild OSA
Pedro Amorim (Porto, Portugal), Daniela Ferreira-Santos, Ermelinda Moreira, Ana Sofia Pimentel, Marta Drummond, Pedro Pereira Rodrigues

Erectile Dysfunction and Nocturia in Patients with Obstructive Sleep Apnea: Relationship with Hypoxia Parameters
Burak Gokce (İZMİR, Turkey), Mehmet Sezai Tasbakan, Nahit Ogut, Ahmet Barıs Altay, Ozen K Basoglu

Shift work sleep disorder among rotating night shift textile workers and its association with occupational accidents
Ozan Kaan Konak (izmir, Turkey), Recep Can Uysal, Zehra Nur Töreyin, Özen K. Basoglu

Physiological, clinical and symptomatic improvements in patients undergoing bariatric surgery
Michael Cheng (Broadway (NSW), Australia), Anne Rossel, Yuanming Luo, Patrick Murphy, Nicholas Hart, Fraser Lowrie, Amanda Piper, Brendon Yee, Joerg Steier

PS-6 Session 12:30 - 14:00

Poster session: New insights in pulmonary health from cardiopulmonary exercise testing

Disease(s) : Thoracic oncology | Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Physiology | Pulmonary function testing | Surgery | General respiratory patient care | Endoscopy and interventional pulmonology | Pulmonary rehabilitation | Respiratory intensive care

Chairs : Paolo Palange (Rome, Italy), Chair to be confirmed

The impact of different maximality criteria on CPET evaluation in chronic respiratory disorders: a retrospective cohort study
Michaël Staes (Leuven, Belgium), Iwein Gyselinck, Maarten De Vos, Thierry Troosters, Wim Janssens

Novel paradigms for clinical CPET interpretation: dynamic assessment of dyspnoea and ventilation during exercise (DyVe-X)
J. Alberto Neder (Kingston (ON), Canada), Abed Hijleh, Danilo Berton, Igor Neder-Serafini, Matthew James, Sandra Vincent, Devin Phillips, Nicolle Domnik, Denis O'Donnell

Streamlining investigation of post PE dyspnoea using cardiopulmonary exercise testing (CPET).
Rebecca Heath (Cardiff, United Kingdom), Michael Pynn

Low dynamic ventilatory reserve during exercise in pulmonary hypertension: physiological and sensory implications
Litiele Evelin Wagner (Porto Alegre, Brazil), Jheniffer Girelli, Luiza Hessler, Filipe Sanchez, Igor Gorski Benedetto, Marcelo Basso Gazzana, Abed Abu Hijleh, Denis E O'Donnel, J Alberto Neder, Danilo Cortozi Berton

The utility of CPET in survival prediction and intervention stratification in high-risk AAA patients
Ryan Pettifer (Coventry, United Kingdom), Joanna Shakespeare, Vicky Moore, Edward Parkes

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FEV1 and VO2peak: predictors of postoperative complications in lung resection surgery
Inês Alexandra Mendes Júlio (S. Manços, Portugal), Raquel Barros, Daniela Godinho, Sofia Pinto, Ana Sofia Oliveira, Fátima Rodrigues

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Exercise performance for long-term outcome prediction in patients with liver cirrhosis
Teresa John (Graz, Austria), Alexander Avian, Antonia Laule, Maximilian Gumpoldsberger, Vasile Foris, Nikolaus Kneidinger, Gabor Kovacs, Vanessa Stadlbauer, Rudolf Stauber, Philipp Douschan

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High-Intensity Respiratory Muscle Training as Pre-habilitation in Lung Resection Surgery: a randomized controlled trial.
Kristian Brat (Brno, Czech Republic), Ivan Cundrle, Samuel Genzor, Marek Plutinsky, Pavel Homolka, Alena Pokorna, Filip Dosbaba, Monika Mikulaskova, Michal Svoboda, Lyle Olson

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The effects of intermittent hypoxic training strategies on maximal oxygen uptake: a meta-analysis with meta-regression
Dario Kohlbrenner (Zurich, Switzerland), Abdallah Ghaith, Charles Khouri, Joey Fournier, Samarmar Chacaroun, Paul Robach, Monique Mendelson, Patrice Flore, Mathieu Marillier, Julien Brugniaux, Jean-Louis Pépin, Renaud Tamisier, Samuel Verges

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Could VE/VCO2 predict postoperative lung cancer surgery complications?
Daniela Godinho (Azeitão, Portugal), Raquel Barros, Inês Júlio, Sofia Pinto, Ana Sofia Oliveira, Fátima Rodrigues

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Role of Cardiopulmonary Exercise Testing (CPET) for the screening of Pulmonary Hypertension (PH) in patients with Paroxysmal Nocturnal Hemoglobinuria (PNH)
Matteo Morviducci (Roma, Italy), Roberto Romiti, Luigi Panza, Antonio Fabozzi, Marco Moschella, Giulia Lo Muzio, Flavio Marco Mirabelli, Daniel Piamonti, Anna Paola Iori, Gregorino Paone, Matteo Bonini, Paolo Palange

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Contrasting dynamic and peak ventilatory reserve during incremental CPET in pulmonary hypertension
Litiele Evelin Wagner (Porto Alegre, Brazil), Jheniffer Girelli, Luiza Hessler, Filipe Sanchez, Carla Tatiana Martinn Oliveira, Marcelo Basso Gazzana, Abed Abu Hijleh, Denis E O'Donnel, J Alberto Neder, Danilo Cortozi Berton

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Effects of bariatric surgery on exercise hemodynamics and oxygen metabolism: a prospective observational study with the use of cardiopulmonary exercise testing.
Agnieszka Chwiedź (Białystok, Poland), Łukasz Minarowski, Robert M. Mróz

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Improvement in cardiopulmonary exercise testing after lung volume reduction treatment with endobronchial coils
Marlies van Dijk (Groningen, Netherlands), Joanne Sloots, Sonja Augustijn, Karin Klooster, Dirk-Jan Slebos, Jorine Hartman

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Upright-to-supine exercise transition in younger and older subjects: effects on pulmonary gas-exchange efficiency
Matthew D. James (Kingston (ON), Canada), John Mccleary, Sandra G. Vincent, Reggie M. Smyth, Guilherme Back, Karam Alosta, Chu-Yi Wang, William Stringer, Janos Porszasz, Denis E. O'Donnell, J. Alberto Neder

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Dysfunctional Breathing:CPET as a Diagnostic Tool and Shared Lung Physiology in Body Plethysmography
Beauty Biswas (West Bengal, India), Beauty Biswas, Arup Halder, Shyam Krishnan, Raja Dhar

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VO2peak Adjustment for Fat-Free Mass in Obese Patients Before Pulmonary Resection
Sofia Moreira Magno Pinto (Lisboa, Portugal), Raquel Barros, Inês Júlio, Daniela Godinho, Fátima Rodrigues, Ana Sofia Oliveira

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The clinical utility of using impedance cardiography during CPET to measure stroke volume and derive oxygen extraction in a paediatric population - challenging current concepts
Cameron McDermid (Glasgow (Scotland), United Kingdom), Scott Tart, Collen Carden, Ross Langley, Philip Davies, Paul Burns

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A nine-field matrix of ventilatory efficiency in combination with peak oxygen uptake may improve risk stratification in patients undergoing major pulmonary resection
Karolina Kristenson (Linköping, Sweden), Johan Hylander, Miklos Boros, Eva Tamas, Gabriel Högström, Kristofer Hedman

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PS-18 Session 12:30 - 14:00

Poster session: Asthma and COPD: from mechanisms to clinical issues

Disease(s) : Airway diseases

Method(s) : Epidemiology Cell and molecular biology General respiratory patient care Public health Pulmonary function testing Imaging Endoscopy and interventional pulmonology

Chairs : Arnaud Bourdin (Montpellier Cedex 5, France)

FENO supression test in children with severe asthma
Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), Gabriela Pelaez, Veronica Giubergia, Gimena Donth Leger, Tania Florez, Marcela Roque, Doris Primerose, Carlos Velasco, Veronica Aguerre, Belen Lucero, Juan Manuel Figueroa

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Sex differences in clinical risk factors and type-2 biomarkers for predicting asthma attacks in the ORACLE2 patient-level meta-analysis
Sebastian Riemann (Ghent, Belgium), Fleur Meulmeester, Samuel Mailhot-Larouche, Sanjay Ramakrishnan, Michael E Wechsler, Jonathan Corren, Sarah E Diver, Christopher E Brightling, Mario Castro, Nicola A Hanania, David J Jackson, Neil Martin, Deborah Clarke, Alison Moore, Megan E Hardin, Cecile T J Holweg, Subhashini Allu, Timothy S C Hinks, Richard Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord, Guy Brusselle, Simon Couillard

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Mapping the management of acute asthma exacerbations in a Belgian tertiary hospital.
Charlotte Verhaeghe (Kortrijk (8500), Belgium), Katrien Eger, Thérèse Lapperre

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Poor perception of symptom - cause of exacerbation of Br. Asthma
Rajesh Agrawal (Bareilly, India), Chinkita Agrawal, Rajat Agrawal, Dev Antal

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Heterogeneity of Eosinophilic Asthma and Identification of Different Risk Subtypes: A Prospective Study Based on Two-Step Cluster Analysis
Min Li (Kunming, China), Xin Zhang, Gang Wang

Treatment response during systemic asthma exacerbation therapy
Anne-Lotte Redel (ROTTERDAM, Netherlands), Gert-Jan Braunstahl, Gerdien Tramper-Stranders

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Mild asthma: implications for the "MAPLE" longitudinal study, disease progression, exacerbations, triggers, phenotypes and endotypes.
Alex Mann (Lond, United Kingdom), Aruna T Bansal, Melissa Bevan, Alex Lima, Aristotle Bancale, Laura Wajtowitz, Vito Erasmo Cassandro, Rachna Goburdhun, Monique Moore-Barnes, Christine Topham, Mona Bafadhel

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Reactive aldehyde species – A novel non-invasive breath signature is able to distinguish asthma at exacerbation
Eleanor Quek (London, United Kingdom), Shahd Abuhelal, Rebecca Cordell, Neil Greening, Michael Wilde, Salman Siddiqui

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Unveiling airway remodeling in chronic asthmatic mice using longitudinal quantitative micro-CT (µCT) biomarkers
Francesca Pennati (Milano (MI), Italy), Lorenzo Androvandi, Erica Ferrini, Gino Villetti, Andrea Aliverti, Nicola Sverzellati, Franco Fabio Stellari

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Crosstalk Between Aryl Hydrocarbon Receptor and FcεRI in Regulating Alarmin Release in Severe T2-High Asthma
Chih-Ming Weng (Taipei, Taiwan), Meng-Jung Lee, Han-Pin Kuo

Bronchoscopic Optical Coherence Tomography for airway remodeling assessment in severe asthma
Sofi Vassileva (Amsterdam, Netherlands), Pieta C. Wijsman, Annika W. M. Goorsenberg, Julia D'Hooghe, Richard M. Van Den Elzen, Paul Bloemen, Daniel M. De Bruin, Peter I. Bonta, Jouke T. Annema

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The formation of COPD diagnosis at the outpatient stage often does not correspond to the actual status of the disease
Svetlana Trofimova (Astana, Kazakhstan), Arailym Kadyrbek, Bayan Bektasova, Zhanara Zarkumova, Aliya Albekova, Dina Abdrakhmanova

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Stability and relationship between digitally monitored triple inhaler adherence and type 2 biomarkers in COPD
Hnin Aung (Leicester, United Kingdom), Petr Novotny, Kumaran Balasundaram, Phoebe Ashley, Helen Evans, William Monteiro, Kimon Ntotsis, Sarah E Parker, Sarah A Edwards, Michelle Bourne, Muhammad Iqbal, Michael Steiner, Rachael A Evans, Christopher E Brightling, Anna Murphy, Adam Wright, Neil J Greening

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The frequency of spirometry use and confirmed airflow obstruction amongst patients hospitalised with exacerbations of COPD
Eleanor Cronin (Greenhills, Ireland), Anne-Marie Sweeney, Kayinsola Kehinde Babatunde, Jessica Moloney, Cormac Mccarthy, Alessandro Franciosi

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COPD IN WOMEN- A clinicoradiological study
Radha P. Munje (Nagpur (Maharashtra), India), Twinkal Magar, Gyanshankar Mishra, Sanjay Gaur

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Characteristics of a severe emphysema cohort identified from targeted lung health check: Developing an emphysema pathway
Richa Singh (London, United Kingdom), Stephanie Uys, Nicola Smallcombe, Tim Batchelor, Ketan Patel

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Evaluation of Satisfaction and Characterization of Patients in the INSPIRE Respiratory Health Program
Pamela Dourado (Botucatu, Brazil), Karen Miyamoto, Flavio Xavier, Gustavo Hruschka, Vinicius Maehara, Mariana Dorna, Robson Prudente, Fernando Brizola, Estefania Franco, Suzana Tanni

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Severe AAT deficiency in the Czech Republic - The reality of care.
Libor Nevoranek (Hradec Kralove, Czech Republic), Eva Klincova, Michal Svoboda, Katerina Kusalova, Tomas Le Roy Micola, Alzbeta Molitorova, Lucie Heribanova, Eva Volakova, Jiri Blazek, Milan Sova, Vladimir Koblizek

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Using chronic bronchitis symptoms to identify mucus plugging in young adult smokers: BEACON cohort
Aaron Braddy-Green (London, United Kingdom), Apolline Marion, Luana Alves-Moreira, Federico Baraldi, Daniel Downey, Samuel Bartlett-Pestell, Mairi Macleod, Jordina Mah, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan Mcgarvey, Elizabeth Sapey, Dave Singh, Robert Stockley, Tom Wilkinson, Lydia Finney, Andrew Ritchie, Eric Hoffman, Chris Compton, Mirco Govoni, Paul Jones, Hana Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Jadwiga Wedzicha, James Allinson

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Computed tomography patterns and lung function in patients with severe asthma in a real-world setting
Maria Eugenia Franchi (Pilar, Argentina), Fernando Saldarini, Valeria Brichetti, Teresita Rosenbaum, Ricardo Zwiener, Alejandro Videla, Laura Orazi, Carla Ritchie, Mónica Grilli, Sofía Porta, María Cecilia Cavallo, Betiana Pereyra, Alvaro Teijeiro, Sebastián Gando, Maximiliano Romanczuk, Sebastián Ferreiro, Carlos Oliva, Nicolás Castiglioni

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PS-3 Session 12:30 - 14:00

Poster session: Systemic manifestations of chronic lung disease and integrated care

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Palliative care | Public health | Pulmonary function testing | Respiratory intensive care

Chairs : Sarah Houben-Wilke (Horn, Netherlands)

An insight into the mental health and quality of life of people living with chronic lung conditions
Victor Gascon Moreno (Wien, Austria), Mark Luttmann, Melissa Zarb, Tina Mesarič, Snezana Sundic-Vardic, Oksana Kulish Skåra, Ruth Tal- Singer, Vidlana Mujkić

The mind-body struggle in COPD: unveiling the psychological and functional impact of disease progression
Camelia Pescaru (Timisoara (Timis), Romania), Alexandru Florian Crisan, Adelina Maritescu, Emil Robert Stoicescu, Vlad Carunta, Cristian Oancea

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Prevalence and associated factors of social frailty in patients with chronic respiratory disease: a prospective cross-sectional study
Kazuya Shingai (Kitakyushu, Japan), Yo Uema, Tomoyuki Ikeuchi, Ryo Kozu, Katsuyuki Ichiki, Takeo Jimi, Tetsuya Kawano, Kaori Kato, Tohru Tsuda

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Effectiveness of adherence to home non-invasive ventilation (NIV) upon hospitalisation rate and mortality in COPD patients with chronic hypercapnic respiratory failure: A structured literature review.
Osama Alomari (Dammam, Saudi Arabia), Kathryn Sharp

Effectiveness of relaxation techniques on psychological well-being among COPD patients
Velraj Ravichandran (Salem (Tamil Nadu), India), Karthi Velraj

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Prevalence of Type D personality in COPD patients and its impact on mental health and physical health status
Velraj Ravichandran (Salem (Tamil Nadu), India), Karthi Velraj

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Palliative care needs of patients with end-stage COPD and their informal caregivers
Kira Schmidt-Stiedenroth (Düsseldorf, Germany), Julia Salandi, Alexandra Schmidt, Balam Er Dedekarginoglu, Stefanie Paniczek, Manuela Schallenburger, Anette Scholz, Jacqueline Schwartz, Katrhin Fricke, Stefanie Keymel, Achim Mortsiefer, Martin Neukirchen, Adrian Loerbroks

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Patterns of long-term domiciliary high-flow nasal therapy use in Italy: a retrospective observational cohort study (HOME-HFT study)
Santa Valentina Liuzzo (Catania, Italy), Gianluca Tinnirello, Raffaele Campisi, Santi Nolasco, Giuseppe Fiorentino, Carlo Santoriello, Luca Bianchi, Antonio Starace, Vincenzo Patruno, Mauro Maniscalco, Andrea Vianello, Antonella Spacone, Alessio Mattei, Lara Pisani, Annalisa Carlucci, Stefania Bolletti, Ernesto Crisafulli, Claudia Crimi

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Association between wellness centers and stress, anxiety, and depression in asthmatic patients: a cross-sectional analysis study
Wei Song (Changchun City, China)

Impact of severity of Asthma and asthma control on health related quality of life in adult population.
Tehreem Ahmad (Karachi, Pakistan), Natasha Billia, Ansharah Khan

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Improvement in Inhaler Technique of Patients with COPD (Chronic Obstructive Pulmonary Disease) in a Nurse Clinic of a Public Hospital in Hong Kong
Shu Wah Ng (Hong Kong, Hong Kong), Chi Keung Lam, Ming Wah Choi, Pui Fan Chan, Wai Yi Tsang, Pik Shan Cheung

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Optimizing referral pathways: effective multidisciplinary assessment and specialist referral in severe asthma care.
Karin Fieten (Davos Clavadel, Switzerland), Denise Kelder, Yasemin Türk, Rolf Wolters, Marieke Drijver-Messelink, Jasper Kappen

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May Sleep Apnoea Syndrome Impact the Result of Cardiac Rehabilitation in Heart Failure Patients?
Rahma KALLEL (Gabes, Tunisia), Rahma KALLEL, Elmehdi Kharrat, Anis Werghemmi, Fares Kerkeni, Faten Dhouib, Bechir Dede, Oumaima Agouni, Hamida Kwas, Hichem Denguir

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Relationships between generalised anxiety and dyspnoea-related emotions in individuals with breathlessness
Charlotte Leonard (Northampton, United Kingdom), Sophie Elsoueidi, Gillian Doe, Rachael A Evans, Sally J Singh, Enya Daynes

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Effect of comorbidities on COPD exacerbations and mortality – a Finnish register study
Anni Honkanen (Kerava, Finland), Tiina Mattila, Miika Linna, Miia Aro, Minna Matikainen, Tuula Vasankari

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Patient satisfaction with community-based integrated Asthma and COPD care in Ireland.
Jack McCarthy (Dub;in, Ireland), Helen O'Brien, Patricia Davis, Patricia Whyte, Geraldine Nolan, Sarah Kelly, Maedbh Ni Cleirigh, Ushalal Gopika, Muthuraman Krishnamoorthy, Declan Moran, Rachel Anglin, Joyce O'Hara, Alessandro Franciosi

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Palliative care knowledge of people with chronic respiratory diseases - a cross-sectional study
Maria Aurora Pinto Mendes (Penafiel, Portugal), Ana Rita Pereira, Pedro Viegas, Joana Gomes, Tânia Pinho, Raquel Vilar Marinho, Daisy J. A. Janssen, Alda Marques

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FlexO2: A Patient-Centric Oxygen Regulator Improving Autonomy and Daily Function in Long-Term Oxygen Therapy
Michael Runold (Stockholm, Sweden), Ingegerd Karlsson, Magda Borén

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EU PAL-COPD: Integrating palliative care in treatment for advanced COPD across Europe
Frederick Daenen (Jette, Belgium), Julie Stevens, Kim Beernaert, Nancy Preston, Paul Marsden, Sandra Martins Pereira, Anne Wichmann, Nanna Maria Hammer, Agnes Csikós, Els Verschuur, Peter May, Valérie Vaccaro, Patricia White, Polina Starchenko, Luc Deliens, Koen Pardon

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Mental health, quality of life and satisfaction with healhcare needs among families of technology-dependent children; the Greek experience
Elisavet- Anna Chrysochoou (Thessaloniki, Greece), Eleni Verani, Petrina Vantsi, Fotis Kirvassilis, Maria Galogavrou, Athina Sopiadou, Kostas Moisidis, Vasilis Liakos, Eleftherios Thireos, John Tsanakas, Elpis Hatziagorou

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PS-9 Session 12:30 - 14:00

Poster session: Human studies in lung disease: clinical and molecular insights

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Imaging Pulmonary function testing

Chairs : Rosa Faner (Barcelona, Spain), Jonathan Baker (London, United Kingdom)

Swedish study participants undergoing research bronchoscopy - an acceptable or an awful experience?
Pernilla Sönnerfors (Stockholm, Sweden), Petra Kristina Jacobson, Anders Andersson, Leif Bjermer, Anders Blomberg, Heléne Blomqvist, Jonas S Erjefält, Christer Janson, H Lennart Persson, Ellen Tufvesson, Åsa Wheelock, Magnus Sköld, Annelie Behndig

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Sex-differences in airway transcriptomic signatures in asthma.
Joe Zein (Scottsdale, United States), Sarita Poonia, Lacey Nixon, Bo Hu, Dawn Demeo, Patricia Silveyra, Abhishek Kumar Shrivastav, Amy Attaway, Shuo Cao, Mario Castro, Stephanie Christenson, Serpil Erzurum, John Fahy, Benjamin Gaston, Elliot Israel, Nizar Jarjour, Bruce Levy, David Theodore Mauger, Wendy Moore, Sally Wenzel, Prescott G Woodruff, Victor Ortega, Deborah Meyers, Eugene Bleecker

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Single-Cell Transcriptomics of Eosinophil in Allergic Asthma
Andrius Januskevicius (Kaunas, Lithuania), Egle Vasyle, Airidas Rimkunas, Jolita Palacionyte, Inesa Jermalaviciene, Kestutis Malakauskas

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Greater airway inflammation on endobronchial biopsy and better lung function in children versus adults with severe asthma: opportunities for intervention?
Miriam Cardoso Neves Eller (São Paulo (SP), Brazil), Jôse Mára De Brito, Natália De Souza Xavier Costa, Karina Pierantozzi Vergani, Regina Maria Carvalho-Pinto, Joaquim Carlos Rodrigues, Luiz Vicente Ribeiro Ferreira Da Silva Filho, Thais Mauad

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Airway inflammation in Primary Ciliary Dyskinesia:data from the EMBARC BRIDGE study
Erin Cant (Dundee, United Kingdom), Emma Johnson, Morven Shuttleworth, Eve Mcintosh, Holly Lind, Natalie Lorent, Felix Ringshausen, Pieter Goeminne, Michal Shteinberg, Anthony Desoyza, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Katerina Dimakou, Adelina Amorim, Rosario Menendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Stefano Aliberti, Michael Loebinger, Merete Long, James Chalmers, Amelia Shoemark

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Characteristic of oxo-metabolomic profile in patients with aspirin-exacerbated respiratory disease and obesity.
Piotr Szatkowski (Katowice, Poland), Adam Stępień, Gabriela Trąd-Wójcik, Radosław Kacorzyk, Adam Ćmiel, Anna Gielicz, Hanna Plutecka, Bogdan Jakiela, Marek Sanak, Lucyna Mastalerz

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Biological predictors of response to systemic corticosteroids in asthma attacks: PRISMA translational results
Carlos Andrés Celis Preciado (Bogotá (Cundinamarca), Colombia), Elsa Ben Hamou Kuijpers, Mohamed-Ilias Kourid, Simon Leclerc, Martine Duval, Dominic Cliche, Félix-Antoine Vézina, Pierre Larivée, Samuel Lemaire-Paquette, Philippe Lachapelle, Martin Klein, Simon Couillard

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Serum proteomic analyses to identify systemic inflammation driving asthma exacerbations
James Eastall (Nottingham, United Kingdom), Ashish Pradhan, Yik Lam Pang, Robert J Hall, Alexander Clay, Tim Harrison, Dominick Shaw, Matthew J Martin, Ian Sayers

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Diagnosing respiratory conditions using exhaled breath condensate (EBC)
Lauren Fox (Southampton, United Kingdom), Leon D'Cruz, Ruth De Vos, Anoop Chauhan

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From mice to humans: Pathway analysis uncovers shared and distinct effects of IL-33 versus IL-4Rα blockade in asthma
Seblewongel Asrat (Tarrytown, United States), Kaitlyn Gayvert, Subhashini Srivatsan, Matthew Wipperman, Sivan Harel, Dave Singh, Andrea Hooper, George Scott, Dylan Birchard, Julie Horowitz, Li-Hong Ben, Erica Chio, Jennifer Maloney, George Kalliolias, Marcela Ruddy, Sara Hamon, Gary Herman, Andrew Murphy, Helene Goulaouic, Matthew Sleeman, Weikeat Lim, Jennifer Hamilton, Jamie Orengo

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Point-of-care intraoperative lung nodule histological diagnosis
Sylvia Spies (Amsterdam, Netherlands), Annick J. H. E. Van Der Kroef, Roel L. J. Verhoeven, Erik H. F. M. Van Der Heijden, Teodora Radonic, David J. Heineman, Martijn Van Dorp, Chris Dickhoff, Peter I. Bonta, Johannes M. A. Daniels, Jouke T. Annema, Marie Louise Groot

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Characterisation of implant-associated granulation tissue and its impact on complications
Kimberly Barbet (Essen, Germany), Anja E. Luengen, Birte Schwarz, Anja L. Thiebes, Christian Taube, Michaela Schedel, Kaid Darwiche

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Maladaptive plasticity of airway basal progenitor cells drives post-COVID respiratory sequelae and epigenetic reprogramming by mesenchymal stem cells
Sheng Du (Guangzhou, China), Shiyue Li

T cell modulation by mesenchymal stromal cells in COPD: a phenotype-specific analysis
Zeynep Mercanci (Istanbul, Turkey), Zeynep Tunca, Sabriye Senem Kilic, Derya Kocakaya, Caner Cinar, Sehnaz Olgun Yildizeli, Esra Akdeniz, Tunc Akkoc, Emel Eryuksel

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Pilot Morphological and Functional Study of the Respiratory Epithelium in Children with Post-Infectious Bronchiolitis Obliterans
Julie Mazenq (Plan de Cuques, France), Léa Moreno, Jean-Christophe Dubus, Pascal Chanez, Delphine Gras

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Airway IL-33 levels are similar in current and former smokers with stable or exacerbating COPD
Ian C. Scott (Cambridge, United Kingdom), Giovanna De Palo, Tommaso Morelli, Helen Killick, Christopher Mc Crae, Sam Strickson, Sophie Sagawe, Tomas Ottosson, Adnan Azim, Anna Freeman, Martha Purcell, Lisa Oberg, Kristoffer Ostridge, Daniel Muthas, E Suzanne Cohen, Jessica Neisen, Adam Platt, Tom Wilkinson

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Plasma concentrations of short-chain fatty acids in COPD patients and healthy controls: Exploring the gut-microbiota link
Anders Ørskov Rotevatn (Nesttun, Norway), Tomas Mikal Lind Eagan, Adrian Mccann, Johnny Laupsa-Borge, Solveig Tangedal, Gunnar Reksten Husebø, Rune Nielsen

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CCR5+Siglec-1– lung macrophages associate with local and systemic manifestations in COPD
Shuichi Konno (Sendai, Japan), Naoya Fujino, Takuya Saito, Yoshinao Ono, Mitsuhiro Yamada, Hisatoshi Sugiura

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Mucins in the mist: unmasking early airway changes in pre-COPD
Hanne Voet (Wilrijk, Belgium), Deepesh Dhakad, Jeroen M. H. Hendriks, Wen Wen, Dieter Peeters, Annemieke Smet, Annemiek Snoeckx, Thomas Conlon, Stijn Verleden, Ali Öender Yildirim, Thérèse Lapperre

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Comparing blood and lung parenchyma myeloid cell immunophenotypes in smoking and COPD
Mehrdad Arjomandi (San Francisco, United States), Courtney Tamaki, Siyang Zeng, Chantal Kloth, Binh Trinh, Joshua Vasquez

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PS-10 Session 12:30 - 14:00

Poster session: Stem cells and cell therapy in lung repair

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Cell and molecular biology | General respiratory patient care | Physiology | Respiratory intensive care

Chairs : Sara Rolandsson Enes (Lund, Sweden), Chair to be confirmed

Wharton's Jelly-derived mesenchymal stem cells modulate fibroblast-to-myofibroblast transition to attenuate pulmonary fibrosis
Seung Won Ra (Ulsan, Republic of Korea), Seo Hee Park, Min Ju Kim, Ok Joo Sul

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Mitochondrial transplantation therapy using dedifferentiated fat cells for pulmonary fibrosis
Kenji Mizumura (Tokyo, Japan), Tomohiko Kazama, Isamu Taiko, Ryosuke Ozoe, Toshio Miki, Taro Matsumoto, Yasuhiro Gon

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Evidence for the existence of Lineage-Traced Sftpc progenitor cells in the Bronchi (named LTS-B) during homeostasis and ex vivo injury in mice
Afshin Noori (Giessen, Germany), Esmeralda Vásquez Pacheco, Ioannis Alexopoulos, Janine Koepke, Christos Samakovlis, Marek Bartkuhn, Saverio Bellusci

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Spatial expression of YAP/TAZ in the epithelial/mesenchymal niche in healthy and COPD lung
Anna Cederberg (Lund, Sweden), Tom Delaire, Bryan Falcones, Linda Elowsson, Göran Dellgren, Gunilla Westergren-Thorsson

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Klf4 deletion in AT2 promotes alveolarisation and angiogenesis in a transgenic mouse model for hyperoxia-based neonatal chronic lung disease
Centina Kuiper-Makris (Cologne, Germany), Jasmine Mohr, Oleksiy Klymenko, Ivana Mizik, Hannah Steinbuch, Christina Vohlen, Dharmesh Hirani, Christoph Bartenhagen, Theodoros Georgomanolis, Jörg Dötsch, Miguel Alejandre Alcázar

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Effects of Nintedanib on Mesenchymal Stem Cells derived from IPF patients
Martina Bonifazi (Ancona (AN), Italy), Mariangela Di Vincenzo, Francesca Gonnelli, Federico Mei, Francesca Barbisan, Majed Refai, Gaia Goteri, Pamela Pellegrino, Monia Orciani

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Effects of ARDS microenvironment on MSCs immunomodulatory capacity
Abigail Warren (Galway, Ireland), Lanzhi Liu, Rui Shi, Shanshan Du, Claire Masterson, Bairbre Mcnicholas, Daniel O'Toole, Karen English, John Laffey

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Regulation of LARS2 expression by ITIH4 in AECII of ARDS
Yi-Wei Lin (Taipei City, Taiwan), Hsiao-Chi Chuang

IL-1β Exposed MSCs Enhance Neutrophil Recruitment: A Potential Benefit or Risk for Cell Therapy in ARDS?
Sara Rolandsson Enes (Lund, Sweden), Nour Hassaan, Tobias Schmidt, Lisa Påhlman, Robin Kahn

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The therapeutic potential of mesenchymal stromal cell therapy and hypercapnia in ARDS
Caroline Santos (, Brazil), Claire Masterson, Katie O'Donoghue, Abigail Warren, Katie Walsh, Joanne Daly, Daniel O'Toole

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Hematopoietic remodeling underpins allergic comorbidities
BINGPENG YAO (Hangzhou, China), Sheng Pan, Guoxiong Tian, Yangmingzi Hu, Haiqing Chen, Fan Shi, Chao Zhang, Songmin Ying

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Optimization of exosome secretion from mesenchymal stromal cells using lung derived-hydrogels: The influence of substrate stiffness and oxygen Level
Alicia Jurado (Barcelona, Spain), Jorge Otero, Ramon Farré, Albert Lu, Isaac Almendros

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Human lung mesenchymal stromal cells display lower senescence than lung fibroblasts; implications for COPD
Marissa Wisman (Sleen, Netherlands), Dennis Kruk, Wierd Kooistra, Irene Heijink, Roy Woldhuis

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Study of the in vitro therapeutic efficacy of preconditioned MSCs for the treatment of ARDS
Lanzhi Liu (Galway, Ireland), Juan Fandino, Claire Masterson, Shanshan Du, Abigail Warren, Rui Shi, Sean Mccarthy, Ignacio Sallent, John Laffey, Daniel O'Toole

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Regulation of bronchioalveolar stem cells in health and disease
Chiara Mura (Bad Nauheim, Germany), Isabelle Salwig, Thomas Braun

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SMG-derived extracellular vesicles promote tracheal injury repair via ITGA4 and SerpinA3N-mediated ECM stabilization and stem cell migration
Yu Xuan Chen (Chongqin, China), Yi Shi Li, Zhen Zou, Shu Liang Guo

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Insights into the origin and trans-differentiation potential of alveolar basal cells
Katrin Esther Hostettler (Basel, Switzerland), Sabrina Blumer, Petra Khan, Julien Roux, Spasenija Savic, Lars Knudsen, Danny Jonigk, Mark P. Kuehnel, Nataliia Artysh, Linda Plappert, Antje Prasse

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The effects of intranasal treatment with mitochondria-targeted slow hydrogen sulfide releasing donor AP39 on bleomycin-induced pulmonary fibrosis in mice
Yasemin Karaman (Ankara, Turkey), Esra Buber, Olcay Kurtulan, Musteba Bayramzadeh, Reshed Abohalaka, Ozge Burcu Sahan, Sevgen Celik Onder, Ayşen Gunel-Ozcan, Zeliha Gunnur Dikmen, Turgut Emrah Bozkurt

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LSC - 2025 - Assessing therapeutic versus prophylactic efficacy of mesenchymal stem cells in LPS-induced lung injur y model using BALB/c mice
Mogesh Sababathy, Nur-Fazila Saulol Hamid, Rajesh Ramasamy, Foo Jhi Biau, Yasmin Abd Rahaman, Daniel Looi Qi Hao

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Investigating the differential effects of platelet-derived growth factor (PDGF) isoforms in lung and dermal fibroblasts
Brandon Kohlen (Vancouver, Canada), Raveen Badyal, Kevin J. Keen, James V. Dunne, Tillie-Louise Hackett

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PS-26 Session 12:30 - 14:00

Poster session: From canvas to clinic: translating basic science to lung transplant care

Disease(s) : Airway diseases Interstitial lung diseases Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology General respiratory patient care Transplantation Surgery Imaging Cell and molecular biology Palliative care Public health Pulmonary rehabilitation

Chairs : Dorina Esendagli (Ankara, Turkey), Peter Riddell (Dublin, Ireland)

Impact of immunosuppression on torque teno virus load in lung transplant patients
Dagmara Galle (Poznań, Poland), Fryderyk Zawadzki, Anita Stanjek-Cichoracka, Anna Łaszewska, Anna Kowal, Magdalena Królikowska, Elżbieta Chełmecka, Tomasz Hrapkowicz, Marek Ochman

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Age as a limiting factor in lung retransplantation
Marta Andreu Casas (Barcelona-Sants (Barcelona), Spain), Paula Barquero Dueñas, Sara Salvador Fernandez, Berta Saez Gimenez, Cristina Berastegui García, Judith Sacanell Lacas, Joel Rosado Rodriguez, Carles Bravo Masgoret, Victor Monforte Torres, Manuel López Meseguer, Susana Gomez-Olles, Eva Revilla Lopez

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Clinical manifestations of Post-Transplant Lymphoproliferative Disorder in Cystic Fibrosis: Experience from a regional adult CF centre
Cindy Eng (Leeds, United Kingdom), Hisham Saumtally, Akhil Sawant, Ian Clifton, Giulia Spoletini, Christine Etherington, Daniel Peckham

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The burden of coronary artery disease in lung transplant candidates
Laura Mizio (Milan, Italy), Letizia Morlacchi, Valeria Rossetti, Francesco Bindo, Jacopo Fumagalli, Ilaria Righi, Lorenzo Rosso, Francesco Blasi, Marco Vicenzi

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Impact of extended criteria donors on lung transplant survival
Andrei Darie (Melbourne, Australia), Bronwyn Levvey, Helen Shingles, Miranda Paraskeva, Glen Westall, Gregory Snell

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Effectiveness of the Arexvy RSV vaccine in lung transplant recipients: Neutralizing antibody response against reference and seasonal strains
Liran Levy (Ramat Gan, Israel), Dafna Yahav, Mark Benzimra, Yael Bezalel, Tomer Hoffman, Neta Shirin, Tomer Sinai, Menucha Jurkowicz, Ofir Deri, Noa Matalon, Milton Saute, Yaniv Lustig, Eyal Nachum, Michael Peled, Ital Nemet, Michal Mandelboim

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Controlled-temperature preservation: overcoming the timing challenge in uncontrolled donation after circulatory death lung transplantation.
Riccardo Orlandi (Agrate Brianza, Italy), Lorenzo Rosso, Ilaria Righi, Paolo Mendogni, Davide Tosi, Margherita Cattaneo, Francesco Damarco, Margherita Brivio, Mario Nosotti, Alessandro Palleschi

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MARIVABIR FOR LUNG TRANSPLANT PATIENTS
Rosa Gutiérrez-Larraya Sánchez-Andrade (Madrid, Spain), Myriam Aguilar Perez, Rosalía Laporta Hernández, Christian García Fadul, Marta Érro Iribarren, María Teresa Lazaro Carrasco Dela Fuente, Patricia Minguez Clemente, Raquel Sanabrias De Sevilla, Piedad Ussetti Gil, Carlos Almonacid Sánchez

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Assessing the Correlation of Esophageal Length with Pulmonary Function in the Pre-Transplant Population
Spencer Deleveaux (Jacksonville, United States), Jessica Bradley, Lesley Houghton, Kenneth Devault, Sushil Sonavane, Patricia Mergo, Augustine Lee

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Effects of calcineurin inhibitors on the production of MUC5AC and MUC5B mucins in human tracheobronchial airway cells
Victoria C Rodrigues (São Paulo, Brazil), Aristides T. Correia, Gabriela Baptista, Paulo Manuel Pêgo-Fernandes, Rogerio Pazetti

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Dynamic Neutrophil Subsets and Function in Lung Transplant Recipients: Insights from a One-Year Longitudinal Pilot Study
Liran Levy (Ramat Gan, Israel), Naomi Kaisar-Iluz, Merav E Shaul, Ofir Deri, Ella Huszti, Michael Peled, Yael Bezalel, Zvi G Fridlender

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CONCORDANCE BETWEEN THE MACROSCOPIC APPEARANCE OF THE ANASTOMOSIS AND MICROBIOLOGICAL ISOLATES IN LUNG TRANSPLANT PATIENTS
Lucia Ortega Ruiz (Madrid, Spain), Begoña Peña Del Cura, Clara Seghers Carreras, Fernando Revuelta Salgado, Juan Margallo Iribarnegaray, Rodrigo Alonso Moralejo, Ricardo García Luján

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Diaphragmatic Function in Bilateral Lung Transplant Patients: A Pre- and Post-Operative Ultrasound Study
Weidan Lu (beijing, China), Dandan Guo, Li Zhao, Wenhui Chen

Disparities in outcomes among patients waitlisted for lung transplantation in Saudi Arabia: A 10-year retrospective study
Rayid Abdulqawi (Riyadh, Saudi Arabia), Amjad Albatili, Rana Saleh, Ruqayyah Fadhel, Yehia R Yousef, Haifa Aldakhil, Yasmin Altwaijri, Hana Al Khabbaz, Moheeb Alawwami, Eid Al-Mutairy

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First experience of transbronchial cryobiopsy versus forceps biopsy after lung transplantation
Alina Liedtke (Basel, Switzerland), Juergen Hetzel, Katrin E. Hostettler, Antje Prasse, Spasenija Savic Prince, Kathleen Jahn

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Unexpected negative flow cytometry crossmatch in a lung transplant candidate with high MFI donor-specific antibody
Rayid Abdulqawi (Riyadh, Saudi Arabia), Amal Algharably, Hana Al Khabbaz, Shahad Barri, Moheeb Alawwami

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Impact of Peri-Transplant Frailty (Clinical Frailty Scale, CFS) on Survival after Lung Transplant in Interstitial Lung Disease (ILD): Insights from the Lung Transplant- and European IPF Registry (eurIPFreg)
Ekaterina Krauss (Giessen, Germany), Stefan Kuhnert, Sabina Guler, Luise Wilke, Janine Sommerlad, Silke Tello, Anita Windhorst, Andreas Guenther, Matthias Hecker

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Multidrug Resistant Organisms in Lung Transplant Recipients
Giacomo Maruca (Rozzano, Italy), Letizia Corinna Morlacchi, Valeria Rossetti, Andrea Lombardi, Marta Agnesi, Jacopo Fumagalli, Cinzia Marotta, Ilaria Righi, Alessandro Palleschi, Lorenzo Rosso, Alessandra Bandera, Mario Nosotti, Francesco Blasi

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Factors associated with organ donation in patients with amyotrophic lateral sclerosis: an approach from the multidisciplinary ALS unit.
Carlos Carrera Cueva (Sevilla, Spain), Maria Andrea Jaimes, Esther De Benito Zorrero, Maria Del Carmen Toquero Pichardo, Maria Oliva Artillo Picón, Candelaria Caballero Eraso

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The Impact of Exercise Therapy on Exercise Capacity, Mental Health, and Quality of Life in Lung Transplant Recipients: A Systematic Review
Alper Kemal Gürbüz (Kirikkale, Turkey), Irem Süzen, Aynur Demirel, Naciye Vardar Yağlı

PS-15 Session 12:30 - 14:00

Poster session: Breathing new life into COPD care: novel data on inhaled therapies

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Epidemiology Physiology Public health

Chairs : Chair to be confirmed

The TRITRIAL study: the improvement of CAT according to COPD severity
Francesco Macagno (Roma (RM), Italy), Luca Richeldi, Pietro Schino, Elena Bargagli, Alberto Ricci, Alberto Rocca, Francesca Marchesani, Alfio Pennisi, Gianna Camiciottoli, Mariella D'Amato, Eleonora Ingrassia, Alessio Piraino, Gherardo Siscaro

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Clinical and patient-reported outcomes of COPD patients after 12 weeks of treatment with Budesonide/Glycopyrronium/Formoterol: interim analysis of the CHOROS ORION real-life study in Italy
Micaela Romagnoli (TREVISO, Italy), Riccardo Inchingolo, Michela Bezzi, Davide Piloni, Antonio Gabriele Iuliano, Ernesto Crisafulli, Francesco De Simone, Pietro Schino, Alberto Ricci, Angelo Petroianni, Rosario Lamberto Oliveri, Federico Lavorini, Riccardo Sarzani, Antonio Iannaccone, Pavilio Piccioni, Francesco Bini, Maria Rita Marchi, Federica Cisotta, Giulia Scioscia, Mario Salio, Fausto De Michele, Girolamo Pelaia, Roberto Malorgio, Alessandra Ori, Francesca Cassanelli, Piergiuseppe De Rosa, Bianca Oresta

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Real-World Effectiveness of an Extrafine Triple Therapy with Beclometasone Dipropionate, Formoterol, and Glycopyrronium in Patients with Chronic Obstructive Pulmonary Disease
Ulrica Scaffidi Argentina (PARMA, Italy), Guy Brusselle, Petros Bakakos, Daiana Stolz, Luca Di Palma, Alessio Piraino, Laura Franzini, Paola Rogliani

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Effects of Tiotropium/Olodaterol on Cardio-pulmonary Exercise Capacity in Patients With Hyperinflated Chronic Obstructive Pulmonary Disease[ACHIEVE]
Hyesoo Kim (Seoul, Republic of Korea), Jaewon Oh, Youngmok Park, Hye Jeong Lee, Ji Ye Jung

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Effect of tiotropium bromide on TNF - a level: Results from 30-days study in moderate COPD patients.
Mariana Kulynych-Miskiv (Galych, Ukraine), Vasyl Miskiv, Mykola Ostrovskyy, Alla Zuban

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Real-world novel adverse drug reactions (ADRs) associated with indacaterol
Tan Li (, Canada), Ali Babwani, Rayyan Zuberi, Mehul Gupta, Kenneth Chapman, James Michael Ramsahai

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Real-world effectiveness of beclomethasone/formoterol/glycopyrronium dry powder inhaler – Hungarian results of the RESPONSE study
Viktória Dulai (Budapest, Hungary), Ildikó Horváth, András Keglevich, Balázs Sánta, Zsolt Abonyi-Tóth

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Real-life effectiveness of aclidinium/formoterol in COPD control: preliminary results of the REDACT observational study
Konstantinos Kostikas (Ioannina, Greece), Stylianos Loukides, Nikolaos Tzanakis, Konstantinos Porpodis, Stavros Tryfon, Konstantinos Katsoulis, Georgios Hillas, Ioanna Gioldasi, Evie M. Delicha, Marc Miravitlles

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Causal machine learning to investigate heterogeneity in time to first COPD exacerbation for ICS/LABA versus LAMA/LABA
Helene Huts (Leuven, Belgium), Kenneth Verstraete, Thomas Strypsteen, Iwein Gyselinck, Wim Janssens, Maarten De Vos

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MART strategy vs ICS/LABA with SABA (SAMA) as rescue: a real life cross sectional study
France Louis (Liège, Belgium), Françoise Guissard, Virginie Paulus, Carole Sanchez, Geneviève Philippe, Renaud Louis, Florence Schleich

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Patient reported improvement in dyspnea and physical inactivity with Budesonide/Glycopyrronium/Formoterol (BGF): AIR-FORCE*study
Saiprasad Patil (, India), Divya Bhojwani, Deependra Kumar Rai, Hanmant Barkate, Sagar Bhagat

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Investigating individual effects of ICS on COPD exacerbations with causal machine learning
Helene Huts (Leuven, Belgium), Kenneth Verstraete, Thomas Strypsteen, Iwein Gyselinck, Wim Janssens, Maarten De Vos

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The effect of previous treatment with MITT vs SITT on CAT score after 12-month treatment with efSITT: TRITRIAL study
Francesco Macagno (Roma (RM), Italy), Luca Richeldi, Pietro Schino, Elena Bargagli, Alberto Ricci, Alberto Rocca, Francesca Marchesani, Alfio Pennisi, Gianna Camiciottoli, Mariella D'Amato, Eleonora Ingrassia, Alessio Piraino, Gherardo Siscaro

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Impact of dry powder Beclometasone/Formoterol/Glycopyrronium Extrafine Single Inhaler Triple Therapy (efSITT) in patients with Chronic Obstructive Pulmonary Disease (COPD): TriNEXT Study
Capucine Morelot-Panzini (Paris, France), Hervé Pégliasco, Christine Contré, Abdel Kader Diaw, Maxime Beutelstetter, Justine Lahaye, Nathalie Texier, Maria D'Amato, Cristina Represas Represas, Philippe Devillier

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Real-world outcomes of Budesonide/Glycopyrronium/Formoterol therapy in COPD after 12 months; the RECORD study
Henrik Watz (Ahrensburg, Germany), Marija Halbach, Matthias Saathoff, Tamsin Morris, Michael Watt, Annika Fernandez Milano, Dinesh Shrikrishna, Dave Singh

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Evaluation of patient reported outcomes & satisfaction with Budesonide/Glycopyrronium/Formoterol (BGF) in COPD: AIR-FORCE*study
Hanmant Barkate (Mumbai, India), Divya Bhojwani, Deependra Kumar Rai, Saiprasad Patil, Sagar Bhagat

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One-year efficacy of single-inhaler triple inhaled therapy in COPD patients with FEV1 less than 1 L.
Bruno Bodini (Trezzano Sul Naviglio (MI), Italy), Andrea Cristiano, Giuseppe Croce, Elisa Franceschi, Francesco Bini

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Effectiveness and safety of Budesonide/Glycopyrronium/Formoterol (BGF) in severe to very severe airflow obstruction in COPD: sub-group analysis of AIR-FORCE*study
Hanmant Barkate (Mumbai, India), Divya Bhojwani, Deependra Kumar Rai, Saiprasad Patil, Sagar Bhagat

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Effectiveness of extrafine single-inhaler triple therapy (efSITT) on asthma control one year post treatment stratified by patients' smoking status: the TRIANGLE study
Aliki Korkontzelou (Athens, Greece), Paraskevi Katsaounou, Evangelia Papapostolou, Petros Efstathopoulos, Konstantinos Kostikas

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Disproportionate increase in COPD exacerbation risk for three months after discontinuing LAMA.
Alexander Mathioudakis (Manchester, United Kingdom), Sebastian Bate, Victoria Chatzimavridou-Grigoriadou, Pradeesh Sivapalan, Jens-Ulrik Jensen, Nawar Diar Bakerly, Jørgen Vestbo, Dave Singh

PS-19 Session 12:30 - 14:00

Poster session: Monitoring airway diseases

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Endoscopy and interventional pulmonology Public health Pulmonary function testing Pulmonary rehabilitation General respiratory patient care Physiology Epidemiology Imaging Cell and molecular biology

Chairs : Andréanne Côté (Quebec, Canada), Chair to be confirmed

Sulphur hexafluoride (SF6) and helium (He) derived lung clearance index (LCI) in COPD vs asthma
Per M. Gustafsson (Skävde, Sweden), Mollie Riley, Fatma Aljassim, Anders Lindblad

Obstructive Spirometric Index Predicts Lung Function Response to LAMA in asthma: A Post-Hoc Analysis of the CAPTAIN Trial
Samuel Mailhot-Larouche (Sherbrooke, Canada), Fleur L Meulmeester, Sanjay Ramakrishnan, Michael E Wechsler, Guy Brusselle, Jonathan Corren, Sarah E Diver, Christopher E Brightling, Mario Castro, Nicola A Hanania, David J Jackson, Alison Moore, Philippe Lachapelle, Timothy S.C. Hinks, Mark Holliday, Richard W Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord, Simon Couillard

Asthma and impaired sleep: identifying treatable traits in the SCAPIS Study
Juan Wang (Uppsala, Sweden), Anders Blomberg, Magnus Ekström, Hans Lennart Persson, Magnus Sköld, Kjell Torén, Ludger Grote, Ding Zou, Karl A Franklin, Baz Delshad, Xingwu Zhou, Jenny Theorell Haglöw, Eva Lindberg, Andrei Malinovschi, Christer Janson

Clinical pre-COPD case-finding in the general population: self-reported exertional dyspnea versus mMRC in the Constances Cohort
Solene Valery (Issy Les Moulineaux, France), Rachel Nadif, Marie-Christine Delmas, Marcel Goldberg, Celine Ribet, Marie Zins, Benedicte Leynaert, Nicolas Roche, Thierry Perez

Body fat percentage and clinical outcomes of asthma in adults from western Sweden
Radhika Jadhav (Gothenburg, Sweden), Selin Ercan, Reshed Abohalaka, Pinja Ilmarinen, Daniil Lisik, Saliha Selin Özuygur Ermis, Muwada Bashir Awad Bashir, Roxana Mincheva, Linda Ekerljung, Jan Lötvall, Göran Wennergren, Helena Backman, Teet Pullerits, Madeleine Rådinger, Bright I Nwaru, Hannu Kankaanranta

Small airway disease and early airflow limitation predict onset of COPD: Results from the KORA study
Hendrik Pott (Weimar (Lahn), Germany), Wilhelm Bertrams, Claus Franz Vogelmeier, Barbara Christine Weckler, Margit Heier, Anette Peters, Bernd Schmeck, Stefan Karrasch

Predictors of Mortality in COPD Patients Undergoing Long-Term Non-Invasive Ventilation: A Multicenter Cohort Analysis
Maria João Gomes Moura (Santa Maria Da Feira, Portugal), Mafalda Pais, Maria Oliveira, Carla Ribeiro, Alexandra Carreiro, Paula Pamplona, Bárbara Seabra

Systematic lung function follow-up after allogenic haematopoietic stem cell transplant – does it work?
Marius-Alexandru Coteț (Bucuresti, Romania), Alina Tanase, Lavinia Lipan, Oana Craciun, Laura Stefan, Adela Ranete, Andra Stoica, Daniela Gologanu, Valentin Nedelcu, Ion Ion, Ruxandra Moroti, Cristian Baicus, Marius Ioan Balea

Impact of a structured patient education program on asthma misconceptions
Nishtha Singh (Jaipur (Rajasthan), India), Virendra Singh, Sheetu Singh, Udaiveer Singh

COPD disease burden in relation to having FEV1/FVC ratio below lower limit of normal or fixed ratio
Juan Wang (Uppsala, Sweden), Björn Ställberg, Maria Hårdstedt, Kristina Bröms, Amir Farkhooy, Andreas Palm, Karin Lisspers, Marieann Högman, Andrei Malinovschi

Which Nutritional Parameter Best Reflects COPD Severity?
Khouloud Kchaou (Ariana, Tunisia), Soumaya Khaldi, Yosra Abdelhedi, Nourelhouda Ben Mrad, Saloua Ben Khamsa Jameleddine

Within-breath variability of FOT measures in participants with and without respiratory symptoms – The Busselton Respiratory Survey
Alvenia Cairncross (Perth (WA), Australia), Graham Donovan, Michael Hunter, Alice Crawford, Kevin Murray, Peter Noble, Jennie Hui, Gregory King, John Blakey, Alan James

Clinical Outcome Assessments in Inducible Laryngeal Obstruction: Are current tools measuring enough?
Siobhan Ludlow (Cheshire, United Kingdom), Lucie Byrne-Davis, Lauren Simpson, Leanne J Holmes, Stephen J Fowler

Asthma Awareness: Relation to Socioeconomic Status and Prior Asthma Education
SOUMI CHAKRABORTY (KOLKATA, India), Arjun Talapatra, Suranjan Mukherjee

Bronchial Thermoplasty - Back to Peak Performance with Heat
Daniel Gagiannis (Ulm, Germany), Konrad Steinestel, Josefine Christine Baudrexl

Developing a new patient-reported outcome measure for inducible laryngeal obstruction
Siobhan Ludlow (Cheshire, United Kingdom), Lucie Byrne-Davis, Jamie Kirkham, Stephen J Fowler

Reliability of an electrochemical sensor to monitor cell homeostasis in airway models
Maria Rita Marabeti (, Italy), Daniele Donzì, Paola Pinto, Serena Di Vincenzo, Maria Ferraro, Federico Massaro, Nadia Moukri, Bernardo Patella, Rosalinda Inguanta, Elisabetta Pace

Predictors of High Readmission Rates in COPD Patients
Vasu Sood (Glasgow, United Kingdom), Francesca Crilley, David Anderson, Oana Cimpeanu

Comparing FEV1 decline in MM COPD patients with MZ and ZZ alpha-1 antitrypsin deficiency patients
Sean Landers (Celbridge, Ireland), Caitriona Breathnach, Suzanne Roche, Emma Farrell, Eamon Mullen, Daniel D Fraughen, Emma Leacy, Rebecca Fitzgerald, Ronan Heeney, Georgia Bateman, Mark P Murphy, Tomas P Carroll, Cedric Gunaratnam, Noel G Mcelvaney

Intra-individual variability of phospholipid-profile in the lining fluid of small airways
Anna-Carin Olin (Göteborg, Sweden), Spela Kokelj, Per Larsson, Linus Schiöler

PS-37 Session 12:30 - 14:00

Poster session: New tools and the use of artificial intelligence in pulmonary hypertension, and the impact of pulmonary hypertension on daily life and survival

Disease(s) : Pulmonary vascular diseases Interstitial lung diseases

Method(s) : Physiology Public health Imaging Respiratory intensive care Epidemiology Transplantation Pulmonary function testing Cell and molecular biology

Chairs : Andy Swift (Sheffield (South Yorkshire), United Kingdom), Mona Lichtblau (Zürich, Switzerland)

Extraction of right heart catheterization data from an electronic health record by large language modeling is highly accurate with implications for pulmonary hypertension research
Seyed M Shams (North Bethesda, United States), Mary Maldarelli, Pratima Kshetry, Pranav Kulkarni, Anup Mahurkar, Colleen Ennett, Bradley A Maron, Katarina Zeder

Applied Machine Learning Cardiopulmonary Hemodynamic Imputation in a Large, Diverse Population Referred for Right Heart Catheterization
Seyed M Shams (North Bethesda, United States), Mary E Maldarelli, Bradley A Maron, Katarina Zeder

The Pulmonary Hypertension Global Patient Survey (PH GPS): Quality of Life
Katherine Bunclark (Cambridge (Cambridgeshire), United Kingdom), Joseph Newman, Hakim Ghani, Shiv Munagala, Gerald Fischer, Pisana Ferrari, Wendy Gin-Sing, Matt Granato, Luke Howard, Marcin Kurzyna, Gergley Meszaros, Eva Otter, Hall Skaara, Millicent Stone, Mark Toshner, Joanna Pepke-Zaba

Evaluation of pulmonary hypertension patients' knowledge about the disease and their information needs
Oksana Viltsaniuk (Vinnytsya, Ukraine), Vitalii Poberezhets

Supporting unmet needs of patients with pulmonary hypertension and their caregivers - think big but act local!
Eva Otter (Vienna, Austria), Roberto Badagliacca, Regina Steringer-Mascherbauer, Khodr Tello, Gerald Fischer, Ralf Lenhard, Martina Neubauer, Hall Skara, Dario Carmine Vizza

The Estimated Prevalence of Pulmonary Hypertension associated with Sickle Cell Disease in sub-Saharan Africa
Eric Robbins (Rockville, United States), Armella Santi, Lanjing Wang, Veranyuy Ngah, Guoqing Diao, Bradley A Maron, Katarina Zeder

Two Cases of Pulmonary Hypertension Associated with Glycogen Storage Disease
yuxia huang (Shanghai, China), Wen-Hui Wu, Yuxuan Feng, Xin Liu, Ping Yuan

Patient Voices: Voice analysis in patients with Pulmonary Arterial Hypertension.
Emilia Maria ŚWIETLIK (CAMBRIDGE, United Kingdom), Magdalena Igras-Cybulska, Magdalena Majdak, Artur Cybulski, Nicholas W Morrell

Socioeconomic Impact of Pulmonary Arterial Hypertension on Patients and Their Caregivers in the Czech Republic
Pavel Jansa (Jirny, Czech Republic), Lucie Miksova, Marcel Ourada, Vladimir Dytrych, Jan Precek, Jana Alahakoon, Tomas Mlcoch, Jakub Zadak, Tomas Dolezal, Katerina Doleckova, Lada Souza, Martin Hutyra

Suspicion of pulmonary hypertension in acute pulmonary embolism: agreement between echocardiogram and CT scan
Javier Álvarez Albarrán (Burgos, Spain), María Victoria García-Gallardo Sanz, Jon Caballero Campos, Pablo Cámara Salmerón, Raquel Edith Sorto Bueso, Edurne Echevarría Guerrero, Maria Soledad Serrano Peña, Ana Pando Feijoo, Guillermo Servando Carrillo, Álvaro Margalejo Franco

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Concordance between hyperoxia testing and transthoracic contrast echocardiography in detecting shunts among patients with pulmonary hypertension
Antoine Beurnier (Le Kremlin Bicêtre, France), Thomas Lacoste, Xavier Jaïs, Laurent Savale, Amir Bouchachi, Sophia Keddache, Athénaïs Boucly, Fabrice Bauer, Olivier Sitbon, Marcel Bonay, Marc Humbert, David Montani

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The impact of cardiac output methods on the classification of pulmonary hypertension
Léon Genecand (geneve, Switzerland), Gaëtan Simian, Mona Lichtblau, Jean-Marc Fellrath, Julian Klug, Hugues Turbé, Christian Lovis, Stéphane Noble, Julie Wacker, Julian Müller, Roberto Desponds, Maurice Beghetti, Benoit Lechartier, David Montani, Olivier Sitbon, Silvia Ulrich, Frédéric Lador

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Tetramethylpyrazine Attenuates Pressure Overload-Induced Right Heart Failure by Targeting PPARγ to Activate the Tricarboxylic Acid Cycle
Zhuoji Ma (Guangzhou, China), Tao Wang

Application of the FORD index in outpatients with fibrotic interstitial lung diseases at risk for developing pulmonary hypertension.
Elisabetta Cocconcelli (Padova (PD), Italy), Roberta Accoto, Giordano Fiorentù, Gioele Castelli, Giacomo Giulianelli, Paolo Spagnolo, Elisabetta Balestro

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Deep learning-based image quantification of CTPA to phenotype pulmonary arterial hypertension
Hakim Ghani (Cambridge, United Kingdom), Mark Toshner, Muhunthan Thillai, Simon Walsh, Elliott Bussell, Martin Graves, Joanna Pepke-Zaba

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Validation of a machine learning diagnostic model for group 2 pulmonary hypertension in the PVDOMICS cohort
Laura Hardy (Leuven, Belgium), Kenneth Verstraete, Catharina Belge, David Ruttens, Mathias Leys, Pieter Martens, Laurent Godinas, Wim Janssens, Marion Delcroix

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Heart rate recovery as a predictor of clinical decline in pulmonary hypertension
Lucy Robertson (Cambridge (Cambridgeshire), United Kingdom), Benjamin Knox-Brown, Joanna Pepke-Zaba, Mark Toshner, John Cannon, Katherine Bunclark, Karen Sheares, Dolores Taboada Buasso, Joseph Newman

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Prognostic Factors for Outcomes in Acute Decompensated Pulmonary Hypertension: Insights from the Prospective ProPULS Study
Laurent Savale (Le Kremlin-Bicêtre, France), Athenais Boucly, Jeremie Pichon, Anne Roche, Ly Tu, Xavier Jais, Audrey Baron, Mitja Jevnikar, Elie Fadel, Olaf Mercier, Christophe Guignabert, Dvaid Montani, Olivier Siton, Marc Humbert

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Consequences of the hemodynamic reclassification of pulmonary hypertension for chronic thromboembolic pulmonary disease.
Laura Hardy (Leuven, Belgium), Coen van Kan, Niki Stok, Azar Kianzad, Esther Nossent, Jurjan Aman, Rozenn Quarck, Marjon Delcroix, Harm Jan Bogaard, Lilian Meijboom, Anton Vonk Noordegraaf, Josien Van Es

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Pulmonary arterial hypertension in Morocco : a single center experience
Karima Marc (Rabat, Morocco), Mariam El Yahyaoui, Nadia Fellat, Rachid Nejjari, Jamaleddine Bourkadi, Rachid Razine

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PS-32 Session 12:30 - 14:00

Poster session: Precision medicine in lung cancer, novel therapies and toxicity management

Disease(s) : Thoracic oncology Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Endoscopy and interventional pulmonology Imaging Palliative care Pulmonary function testing Surgery

Chairs : Andriani Charpidou (Athens, Greece), Chair to be confirmed

Impact of subsequent treatment on clinical outcomes in patients with EGFR-mutant non-small cell lung cancer transformed to small-cell lung cancer
Yu-Feng Wei (Kaohsiung City, Taiwan), Ching-Yi Chen, Cheng-Yu Chang, Chung-Yu Chen, Shih-Chieh Chang, Po-Wei Hu, Yu-Chi Chiu, How-Wen Ko

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Interim Analysis of pulmonary tolerability from the multicenter ROSE Study: Radiation during Osimertinib Treatment Safety and Efficacy Cohort
Amanda Tufman (München, Germany), Farkhad Manapov, Wolfgang Brückl, Eva Lotte Buchmeier, Maximilian Rost, Karsten Schulmann, Nikolaj Frost, Christian Schulz, Jens Kern, Harald Löffler, Thomas Wehler, Lukas Käsmann, Chukwuka Eze, Sophie Worthmann, Rudolf Huber, Diego Kauffmann-Guerrero

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Comparison of BALF cellular pattern in immune checkpoint inhibitor-related pneumonitis versus radiation induced-pneumonitis (RP)
Dagmar Duesterhoeft (Freiburg im Breisgau, Germany), Andreas Hoheisel, Björn C Frye, Gernot Zissel, Wolfram Meschede, Johannes Um Ortmann, Johannes Warzelhan, Eleni Papakonstantinou, Daiana Stolz

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Real-World Cardiovascular Risk Comparison of First-Line Osimertinib and Earlier Generation EGFR-TKIs in EGFR-Mutated NSCLC: A TriNetX USA Network Analysis
Wen-Chien Cheng (Taichung, Taiwan), Chih-Yen Tu, Te-Chun Hsia, Jing-Yang Huang, James Cheng-Chung Wei

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Second-line treatments in EGFR-mutated metastatic non-small-cell lung cancer (NSCLC) beyond osimertinib
Paul Lajoinie (, France), Marie Wislez, Pauline Du Rusquec, Valérie Gounant, Christos Chouaid, Élizabeth Fabre, Etienne Giroux-Leprieur, Jacques Cadranel, Camille Mehlman

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Clinical and radiological characteristics of ROS1-Positive and ALK-Positive non-small cell lung cancer: a retrospective analysis
Mariana Cascais (Porto, Portugal), Inês Carvalho, Mara Sousa, Adriana Magalhães, Cláudia Freitas, David Araújo, Helder Novais E Bastos, Luís Cirnes, Catarina Sousa, Gabriela Fernandes

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Treatment patterns and outcomes in HER2-mutated non-small cell lung cancer: a retrospective analysis
Mariana Cascais (Porto, Portugal), Adriana Magalhães, Claúdia Freitas, David Araújo, Helder Novais E Bastos, Luís Cirnes, Catarina Sousa, Gabriela Fernandes

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Impact of Immune Checkpoint Inhibitor-related Interstitial Lung Disease on Overall and Progression-Free Survival in Non-Small Cell Lung Cancer Patients Treated with Immunotherapy
Alice Carrette (Brussels, Belgium), Zita Mekinda, Moreau Michel, Berghmans Thierry

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Repotrectinib in ROS1 Fusion-Positive Non- Small-Cell Lung Cancer: A Systematic Review and Meta-Analysis
Mohammedbaqer Ghuraibawi (Karbala, Iraq), Hashim Talib Hashim

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Machine learning to support treatment modality selection in early-stage lung cancer
fatemeh farajpourlar (leuven, Belgium), Olivier Van Kerkhove, Christophe Dooms, Wim Janssens, Kenneth Verstraete

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Immune checkpoint inhibitor-related pneumonitis in lung cancer patients: a retrospective analysis of severity and outcomes
Giacomo Guglielmi (Livorno, Italy), Iacopo Petrini, Andrea Sbrana, Davide Chimera, Laura Tavanti, Francesco Pistelli, Laura Carrozzi, Guido Marchi

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Multi-molecular markers in lung adenocarcinoma: Novel predictive value of NPC2, PLOD2, and ALCAM expression
Yuanjie Li (Chengdu, China), Yuan Wang, Yaoxi Chen, Zhixin Qiu

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Predictive factors for immune related interstitial lung disease and survival outcomes in lung cancer
Inês Maria Brito Gonçalves (Arcos De Valdevez, Portugal), Isabel Fontoura Pascoal, Maria Raquel Araújo Pereira, Maria Joana Pereira Catarata

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Influence of emphysema on Tregs, lymphocytes, molecules CTLA-4 and PD-1 in patients with lung cancer and co-existence of COPD.
Robert Uliński (Warsaw, Poland), Joanna Domagala-Kulawik, Anna Trojnar, Iwona Kwiecień

Novel functionally conserved oncogene COA4 was driven by KRAS and involved in LUAD metastasis
xingzhao ji (jinan, China), Yi Liu, Jian Sun, Qiang Wan

Sex-Specific Differences in Tumor Cell Number and Activation in Metastatic Lymph Nodes of Lung Cancer
Iwona Kwiecień (Warszawa, Poland), Agata Raniszewska, Elżbieta Rutkowska, Rafał Sokołowski, Joanna Bednarek, Joanna Domagała-Kulawik, Karina Jahnz-Różyk, Piotr Rzepecki

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Human Lung Macrophages and Circulating Monocytes Might Contribute to Bacterial Infection Susceptibility and Prognosis of Lung Cancer Patients
Francesco Palestra (Napoli, Italy), Gina Memoli, Noemi Maria Giorgiano, Leonardo Cristinziano, Remo Poto, Anne Lise Ferrara, Gilda Varricchi, Gianni Marone, Alfonso Fiorelli, Stefania Loffredo

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Up-regulating methylation of CAP1 promoter can promote apoptosis and inhibit migration and invasion of lung adenocarcinoma cells
Yunlu Gu (Shanghai, China), Shuanshuan Xie, Changhui Wang

Diagnosis, treatment and outcomes of ALK-positive NSCLC: real-world data analysis
Joana Catarina Neto Lourenço (Porto, Portugal), Adelaide Alves, Ana Fonseca, Eloisa Silva, Daniel Coutinho, Margarida Dias, Luís Cirnes, José Carlos Machado, Ana Barroso

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Nicotine dependence in patients with advanced-stage lung cancer
Chaima Habouria (Manouba, Tunisia), Warda Jelassi, Imen Bechouch, Nidhal Belloumi, Maroua Bougacha, Fatma Chermiti, Sorraya Fenniche

PS-14 Session 12:30 - 14:00

Poster session: Biologics for asthma: navigating specific/complex patient populations

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Public health Cell and molecular biology Pulmonary function testing Epidemiology

Chairs : Chair to be confirmed

Efficacy of tezepelumab in adults with severe, uncontrolled chronic rhinosinusitis with nasal polyps and comorbid NSAID-exacerbated respiratory disease (WAYPOINT)
Brian J. Lipworth (Dundee (Angus), United Kingdom), Joeseph K Han, Martin Desrosiers, Claire Hopkins, Stella E Lee, Joaquim Mullol, Oliver Pfaar, Claudia Chen, Julie Mclaren, Lila Bahadori

The effect of biological treatment on symptoms in patients with NSAID-Exacerbated Respiratory Disease
Kurtuluş Aksu (Ankara, Turkey), Hatice Celik Tuglu, Onur Telli, Fatma Dindar Celik, Melis Yagdiran, Ozgur Akkale, Gozde Koycu Buhari, Sakine Nazik Bahcecioglu, Gurgun Tugce Vural Solak

Real-world efficacy and cost-effectiveness of omalizumab in asthma with chronic rhinosinusitis and nasal polyps (CRSwNP)
xiaohan xu (Beijing, China), Duo Mou, Peng Men, Lifeng Xie, Rongsheng Zhao, Chun Chang

Mepolizumab-induced changes in patients with nasal polyps and comorbid asthma: preliminary results on airway microbiome and transcriptome
Heleni Loutrari (Athens, Greece), Panagiotis Agioutantis, Irini Tsiasioti, Nikolaos Athanasiou, Eleni Litsiou, Vasiliki-Zoi Arvaniti, Georgios-Ioannis Poupouzas, Matilda Chroni, Ioanna Sigala, Giannis Vatsellas, Fragkiskos Kolisis, Nikoleta Rovina, Paraskevi Katsaounou

Benralizumab efficacy in a real-life cohort of severe asthma and eosinophilic granulomatosis with polyangiitis patients
Alvaro Martinez Mesa (Malaga, Spain), Carlos Martínez Rivera, Andrea Trisán Alonso, Marina Blanco Aparicio, Ana Gómez Bastero, Francisco Casas Maldonado, Juan Carlos Miralles López, Celia Pinedo Sierra, Ebymar Arismendi Núñez, Alfredo De Diego Damián, Eva Martínez Moragón, Daniel Laorden Escudero, Fernando Sánchez-Toril López, María Pérez Morales, Javier López García, Alicia Padilla Galo

Unmasking of Eosinophilic Granulomatosis With Polyangiitis by the initiation of Dupilumab in severe asthma : A Case Series.
Albatol Rashed (Riyadh, Saudi Arabia), Riyad Al-Lehebi

COMPARATIVE STUDY OF CLINICAL FUNCTIONAL CHARACTERISTICS AND TREATMENT EFFECTIVENESS BETWEEN PATIENTS WITH SEVERE UNCONTROLLED ASTHMA (SUA) AND EOSINOPHILIC GRANULOMATOSIS WITH POLYANGIITIS (EGPA) TREATED WITH MEPOLIZUMAB
ANTONIO León Lloreda (Tomares, Spain), Belén Muñoz Sanchez, Maria Polonio Gonzalez, David Echavarria Kashmiri, Marta Ferrer Galvan, Auxiliadora Romero Falcon, Juan Francisco Medina Gallardo, Francisco Javier Gutierrez Alvarez

Birth outcomes in severe asthma patients on biologic therapy: a retrospective analysis
Alice Rose Jefferson (Manchester, United Kingdom), Lynn Elsey, Tara-Jane Franklin, David Allen, Charles Thomas Pantin

Hereditary α-tryptasemia in severe asthma is linked to impaired lung function, lower type 2 biomarkers, and poor omalizumab response
Peter Kopac (Golnik, Slovenia), Manca Svetina, Sabina Škrgat, Mihaela Zidarn, Julij Šelb, Peter Korosec, Matija Rijavec

Impact of psychological stress on disease control of subjects treated by biologicals for severe asthma
Anna Breslavsky (Rishon LeTsiyon (Center District), Israel), Ori Wand, Maayan Oren, Natalya Bilenko

Depression and anxiety in severe asthma patients qualified to biological therapy
Małgorzata Farnik (Katowice, Poland), Julia Szlążek, Justyna Maciejiczek, Adam Barczyk

Biologics for Asthma in genetic lung diseases *Ashkenazi M[1 2], *Boaron Azaria S[2], Heching M3 2, Levin H2 4, Gur M 6 5, Shteinberg M4 6, Efrati O[1 2]
sivan boaron azaria (Ramat gan, Israel), Moshe Ashkenazi, Ori Efrati, Hagit Levin, Moshe Heching, Michal Gur, Michal Shteinberg

Biologic Therapies in Asthma: Are We Overlooking Patients with Normal Lung Function?
Elena Rodríguez Lobato (Barcelona, Spain), Marina Paredes López, Francisco Javier González Barcala, Ebymar Arismendi, Carlos Daniel Rodríguez Padilla, Hector Enrique Cedillo, Marina Blanco Aparicio

DOES AGE AFFECT EFFECTIVENESS AND SAFETY OF BIOLOGICAL DRUGS IN ELDERLY SEVERE ASTHMATICS?
Dario Bartolo Macaluso (Palermo, Italy), Alida Benfante, Alessia Leonarda Lisotta, Maria Filomena Caiaffa, Giovanna Elisiana Carpagnano, Claudia Crimi, Nunzio Crimi, Maria D'Amato, Danilo Di Bona, Maria Pia Foschino Barbaro, Angelantonio Maglio, Santi Nolasco, Corrado Pelaia, Girolamo Pelaia, Andrea Portacci, Giulia Scioscia, Giuseppe Spadaro, Massimo Triggiani, Giuseppe Valenti, Alessandro Vatrella, Salvatore Battaglia, Massimo Attanasio, Nicola Scichilone

Patterns of oral corticosteroid and biologic use in people with uncontrolled difficult-to-treat asthma in New Zealand
Amy Hai Yan Chan (Auckland, New Zealand), William Harrison, Joshua Neale, Jessie Colbert, Daniel Exeter, Jeff Harrison

Assessment the use of oral corticosteroid and biologics in severe asthma patients living in Switzerland: A national pharmacy cohort
Pierre-Olivier Bridevaux (Sion, Switzerland), Arnaud Bourdin, Isabelle Peytremann Bridevaux, Eric Van Ganse

Severe asthma with and without long-term oral corticosteroids (OCS): A comparison of disease severity and baseline characteristics
Mara Coelle (Mainz, Germany), Stephanie Korn, Mandy Seefeldt, Monika Gappa, Cordula Koerner-Rettberg, Katrin Milger, Dirk Skowasch, Rainer Ehmann, Frank Käßner, Marco Idzko, Eckard Hamelmann, Roland Buhl, Christian Taube

Predicting Biologic Therapy Sparing in Severe Asthma and Small Airway Disease: One-Year Outcomes of Single Inhaler Triple Therapy
Vitaliano Nicola Quaranta (Bari, Italy), Andrea Portacci, Francesca Montagnolo, Luigi Intiglietta, Leonardo Maselli, Flogerta Sana, Valeria Pezzuto, Santina Ferrulli, Alessio Marinelli, Giovanni Dalena, Silvano Dragonieri, Giovanna Elisiana Carpagnano

PS-38 Session 12:30 - 14:00

Poster session: Central airway obstruction , stents and rigid bronchoscopy

Disease(s) : Airway diseases | Thoracic oncology | Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology | Surgery | Respiratory intensive care | Cell and molecular biology

Chairs : Konstantina Kontogianni (Heidelberg, Germany), Chair to be confirmed

Twenty-five-year experience in endoscopic treatment of benign tracheal stenosis in a single referral centre
Andrea Castaldi (Pisa, Italy), Olivia Fanucchi, Alessandro Picchi, Elisa Sicolo, Marcello Carlo Ambrogi, Marco Lucchi, Alessandro Ribechini

Retrospective analysis of idiopathic subglottic stenosis treatment in two Dutch Centers
Chris Happé (Amsterdam, Netherlands), Louis-Vincent Morin Thibault, Erik H.F.M. Van Der Heijden, Hans Daniels

Bronchoscopic management of idiopathic and inflammatory tracheal stenosis
India Sofia Dalla Rosa (Venezia Mestre, Italy), Nicol Bernardinello, Elisabetta Balestro, Paolo Spagnolo, Mauro Novali, Michela Bezzi

Bronchoscopic management of benign airway stenosis: a case series.
Sameer Arbat (Nagpur (Maharashtra), India), Sonam Solanki, Vinit Niranjane

Multimodal bronchoscopic management of endobronchial amyloidosis induced airway obstruction.
Shyam Krishnan (Kolkata (West Bengal), India), Shubham Rajput, Arup Halder, Aditya Satpati, Raja Dhar

Efficacy and Safety of Bronchoscopic Contact Laser Therapy in Patients with Central Airway Stenosis: A Retrospective Study of 21 Cases
yunzhi zhou (Beijing, China), Jieli Zhang, Yongping Gao, Xiaoli Li, Fang Qin, Shufang Wang, Hui Wang, Jing Gao

Safety Profile and Therapeutic Efficacy of Photodynamic Therapy for Early-Stage Endobronchial Carcinoma
Erik Büscher (Essen, Germany), Tom Sondermann, Lutz Freitag, Dirk Hüttenberger, Johannes Wienker, Kaid Darwiche

Transbronchial Cryoablation for Airway Tumor
Takashi Niwa (Yokohama, Japan), Yoichi Tagami, Ryota Otoshi, Masashi Sakayori, Tomohisa Baba, Shigeru Komatsu, Eri Hagiwara, Takashi Ogura

Intra-Tumoral Alcohol Injection (ITAI): A Low-Cost and Effective Adjunctive Treatment for Central Airway Obstruction
Arvindran Alaga (Alor Setar (Kedah), Malaysia), Che Athirah Che Azmi

Quality of Life, Sleep, and Anxiety Changes in Patients with Airway Stents
Efsun Gonca Uğur Chousein (Istanbul, Turkey), Demet Turan, Alev Cinel Karataş, Yaşar İncekara, Abdullah Çağrı Önal, Şeyma Kapçık, Fatma Meyra Söylemez, Ahmet Pehlivan, Mehmet Akif Özgül, Erdoğan Çetinkaya

EFFECT OF ENDOBRONCHIAL AIRWAY STENT APPLICATION ON DYSPNEA AND ACTIVITIES OF DAILY LIVING IN LUNG CANCER PATIENTS
Efsun Gonca Uğur Chousein (Istanbul, Turkey), Ayşegül Alemdar, Mahmure Aygun, Demet Turan

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Safety and efficacy of airway stent placement under local anaesthesia using flexible bronchoscopy
Kohei Fujita (Kyoto, Japan), Naoki Fujimoto, Saiki Yoshimura, Shogo Toyama, Takanori Ito, Takuma Imakita, Issei Oi, Osamu Kanai, Kiminobu Tanizawa

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Weaning from tracheostomy cannula using a biodegradable tracheal stent
Ludek Stehlik (Praha 4, Czech Republic), Martina Koziar Vasakova

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Microbial Characteristics After Airway Stent Placement in Central Airway Stenosis
yunzhi zhou (Beijing, China), Yue Wang, Yongping Gao, Jieli Zhang, Xiaoli Li, Fang Qin, Hui Wang, Shufang Wang, Kuo Liu, Huaixiu Fu, Jing Gao

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Feasibility of rotational optical coherence tomography (OCT) as perioperative support during stenting procedures
Anne Katrine Poulsen (Aarhus, Denmark), Signe Thim, Thomas Kjærgaard, Emil Nielsen Holck, Sune Rubak

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Inhalation injury in burn patients: the controversial prognostic role of bronchoscopy
João José Pereira Sá Couto (Abaças - Vila Real, Portugal), Adriana Dias, Leticia Balanco, Leonor Simões, Ana Sousa, Margarida Marques, Diogo Canhoto, Yvette Martins

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Pulmonary foreign body removal by rigid versus flexible bronchoscopy in children – risk factors, complications and anaesthetic management
Katharina Schütz (Hannover, Germany), Yehor Huzhva, Martin Wetzke, Julia Carlens, Anna-Maria Dittrich, Ruth Grychtol, Vanessa Rigterink, Nils Dennhardt, Dietmar Boethig, Katja Nickel, Christiane E. Beck, Nicolaus Schwerk, Oliver Keil

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PS-1 Session 12:30 - 14:00

Poster session: Current clinical problems in respiratory medicine I

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Public health | Pulmonary function testing | General respiratory patient care | Epidemiology | Imaging | Pulmonary rehabilitation | Surgery

Chairs : Stefania Principe (Utrecht, Netherlands), Chair to be confirmed

Treatable Traits in Long COVID: Inhaled corticosteroids for small airway dysfunction among symptomatic Long COVID patients without known asthma.
Anthony Byrne (Allambie Heights, Australia), Marshall Plit, Steven Faux, Betty Jo, Daniel Ishak, Sonia Shahid, Elli Asgary, Usama Mohamed

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Is respiratory muscle strength, peripheral muscle strength and postural control affected in spine deformities?
Sefa Yıldırım (Istanbul, Turkey), Semiramis Ozyılmaz, Nuh Mehmet Elmadag, Aysegül Yabaci Tak

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Poly use of tobacco products among adolescents in Tunisia
Asma Knaz (Sousse, Tunisia), karim felhi, Nawel Zammit, Sarra Soua, Rim Ghammem, Sihem Benfredj, Afef Khiri, Imed Harrabi, Iteb Benlimem, Imen Gargouri, Ahmed Abdelghani, Jihen Maatoug

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Impact of incorrect inclination angle during inhalation on in vitro performance of a new discrete multi-dose dry powder inhaler (mDPI)
Meena Lopez (Mumbai, India), Vrinda Mhapsekar, Sonali Vartak, Nitiraj Ransing, Shilpa Chorge, Kapileswar Swain, Swapna Nair, Vaishali Naik, M Senthilnathan, Jaideep Gogtay

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Dysfunctional breathing after COVID-19: evolution of symptoms, functional status and quality of life.
Léon Genecand (geneve, Switzerland), Marco Altarelli, Alzbeta Binkova, Selina Loew, Stephanie Vaudan, Isabelle Frésard, Pierre-Olivier Bridevaux

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Effectiveness of exergaming on pulmonary system in children with stem cell transplantation
Mirsad Alkan (istanbul, Turkey), Ceren Derya Gültekin, Zeynep Kaçar, Nilay Demir

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Beyond the x-ray: Evaluating diaphragmatic function in patients with a raised hemidiaphragm
Yanika Gatt (Madliena, Malta), Sarah Bonello, Martin Balzan

Models of care for long COVID: a systematic review
Adelle Gadowski (Melbourne, Australia), Mariana Hoffman, Cassie Mcdonald, Ching Shan Wan, Christie Mellerick, Lorena Romero, Anne Holland

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Investigation of the relationship between dysfunctional breathing and physical fitness parameters in healthy adult individuals
Berrak Varhan (Istanbul, Turkey), Yunus Emre Tutuneken, Nurgul Durustkan Elbasi, Merve Sultan Taliman

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FeNO50 and FeNO200 as Biomarkers of Airway Obstruction in Large, Real-life Outpatients with Chronic Cough.
Yun Liu (Xi'an, China), Dan Wang

Evaluation of pulmonology consultation outcomes in pregnant women
Şerife Yasemin Orhanlı (Düzce, Turkey), Ege Güleç Balbay, Şengül Cangür, Fikret Gökhan Göynümer

Differences between ECSC-1993 and GLI-2012 reference values for forced vital capacity (FVC) in pulmonary function tests: To what extent are we aware of the difference?
Mehmet Uysal (İstanbul, Turkey), Can Ortak, Gokhan Erdogan, Yelda Niksarlioglu

Uncovering the symptom burden of persons with expiratory central airway collapse: a qualitative study
Sasha Toft Sørensen (Aalborg, Denmark), Ida Mousten Termansen, Anna Lei Stoustrup, Ulla Møller Weinreich

A single centre experience of managing mild Obstructive sleep apnoea (OSA) using a clinical triage model.
Aqusa Zahid (Karachi, Pakistan), Shabana Chowdhary, Atul Gulati, Anna Mowat

Artemisia annua sublingual immunotherapy in children with seasonal allergic rhinitis
Xiao Xiao (, China), Wentong Ge, Ziyi Li, Lixing Tang, Xiaojian Yang

Descriptive Study on 6-Minute Walk Test at 2240 Meters Above Sea Level
Nayeli Guadalupe Zayas Hernandez (La Paz, Mexico), Rogelio Salazar Corona, Ana Gabriel Vázquez Figueroa, Regina Solares Zendejas, Rodrigo Zebadua Torres

Retrospective evaluation of the quality of body plethysmography in a functional testing laboratory.
Stephany Ivonne Briones Alvarado (Madrid, Spain), Carlo Luis Sarango Parrales, José Daniel Cordero Marquez, Angela Gomez Sacristan, Rafael Gregorio Marulanda Melo, Angela Peñaloza, Walther Ivan Giron Matute, Luis Puente Maestu

Prevalence of anxiety and depression in patients affected by bronchiectasis and/or NTM: a prospective study.
Emanuela De Stefano (pavia, Italy), Elisabetta Gallo, Maria Arminio, Marianna Russo, Mitela Tafa, Lorenzo Arlando, Lucrezia Pisanu, Ilaria Giana, Klodjana Mucaj, Simone Montini, Francesco Bertuccio, Valentina Conio, Angelo Guido Corsico, Giulia Maria Stella

Symptoms and health-related quality of life by surgical history in patients with chronic rhinosinusitis with nasal polyps: A real-world survey in Europe, the United States of America and Japan
Fritha Hennessy (Bollington, United Kingdom), Fraser Barrable, Libby Turner, Adam Haq, Mary Kay Margolis, Andrew Foster, Danny Gibson, Benjamin Emmanuel

Comparison and Reference Equations for Three Fractional Exhaled Nitric Oxide Analyzers: NIOX VERO®, SUNVOU DA2123® and UBREATH BA200®.
Yun Liu (Xi'an, China), Dan Wang

PS-39 Session 12:30 - 14:00

Poster session: Innovations in thoracic imaging: functional, structural and interventional insights

Disease(s) : Thoracic oncology | Respiratory critical care | Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases

Method(s) : Imaging | Endoscopy and interventional pulmonology | Pulmonary function testing | Surgery | Physiology | General respiratory patient care

Chairs : Walter De Wever (Leuven, Belgium), Chair to be confirmed

Predictors for development of iatrogenic pneumothorax following CT-guided transthoracic biopsy
Casper Jensen (Næstved, Denmark), Mie Nymann Petersen, Søren Helbo Skaarup, Uffe Bodtger

CT lung biopsy : evaluation of DLCO as a risk factor of pneumothorax
Baptistine Bommelaer Picavet (Nantes, France), Geoffrey Bourgeais, Soline Bobet, Olivier Morla, Valentin Patarin, Dorian Hassoun, François-Xavier Blanc, Anne-Laure Chéné

Visualising early smoking-related ventilation abnormalities with dynamic 19F-MRI
Benjamin Pippard (Newcastle upon Tyne (Tyne and Wear), United Kingdom), Dominic Harrison, Mary Neal, Pete Thelwall

Investigating Correlation between Intra-breath Oscillometry and PREFUL-MRI in cystic fibrosis
Tamara Blake (South Brisbane, Australia), Bowen Xin, Rohan Hickey, Robert Grimm, Claire Wainwright, Peter Sly, Jason Dowling

Preoperative localization of pulmonary nodules in thoracoscopic wedge resection
Bryan Eelen (Oud-Turnhout, Belgium), Walter De Wever

Comparing lobar voxel density in moderate and severe emphysema cohorts: Developing an emphysema pathway
Ketan Patel (Colchester, United Kingdom), Stephanie Uys, Tim Batchelor, Richa Singh

Frequency of development of secondary bronchiectasis in patients with COPD GOLD III clinical group E depending on the phenotype of the inflammatory process
Khrystyna Volnytska (Lviv, Ukraine), Uliana Shevchuk-Budz

Emphysema score difference can be used to determine small airways disease in severe COPD
T. David Koster (GRONINGEN, Netherlands), Jens T. Bakker, Karin Klooster, Harm Tiddens, Jean Paul Charbonnier, Dirk-Jan Slebos

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Combined emphysema and cancer : from radiology to prognosis in patients treated by immunotherapy : an ancillary study of IFCT-1802 SAVIMMUNE
Maeva Zysman (cabanac et villagrains, France), Ilyes Benlala, Alexandra Langlais, Laurent Greillier, Celine Mascaux, Francois Pinquie, Delphine Carmier, Lionel Moreau, Benoit Roch, Didier Debieuvre, Xavier Dhalluin, Etienne Giroux-Leprieur, Elodie Berton, Michael Duruisseaux, Judith Raimbourg, Audrey Rabeau, Adrien Dixmier, Charles Naltet, Virginie Westeel, Gerard Zalcman, Gael Dournes, Valerie Gounant

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Automated measures of bronchial outer diameter tapering across different COPDGene GOLD classes
Tjeerd van der Veer (Amsterdam, Netherlands), Yuxin Chen, Harm Tiddens, Rudolfs Latisenko, Jean-Paul Charbonnier, David Lynch

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Optimizing Hemoptysis Treatment: The Role of MDCT Angiography Before Bronchial Artery Embolization
Huu Y Le (Taoyuan, Taiwan)

COPD progressors vs. non-progressors: 10-year change in Bronchus-Artery ratios & mucus plugs
Tjeerd van der Veer (Amsterdam, Netherlands), Rudolfs Latisenko, Harm Tiddens, Jean-Paul Charbonnier, David Lynch, James Crapo

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AI-measured bronchial dimensions and emphysema: A duo for predicting airflow limitation in COPD
Yuxin Chen (Rotterdam, Netherlands), Tjeerd Van Der Veer, Rudolfs Latisenko, Jean-Paul Charbonnier, David Lynch, James Crapo, Harm Tiddens

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The Effects of Corrective Surgery on Lung Structure Assessed with Chest CT in Adolescents with Idiopathic Scoliosis
Jeroen Renkens (Rotterdam, Netherlands), Punit Makani, Harm Tiddens, Max Reijman, Pierluigi Ciet, Tom Schlosser, Noor De Wijs, Pelle Vogel, Joost Rutges, Daan Caudri

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Airway smooth muscle detection through endobronchial polarization sensitive optical coherence tomography
Tatiana Soldati (Amsterdam, Netherlands), Sofi Vassileva, Margherita Vaselli, Kirsten Mooij - Kalverda, Jouke Annema, Peter Bonta, Johannes De Boer

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Measuring airway smooth muscle remodelling phenotypes in vivo: Towards a new treatable trait
Michael Hackmann (Crawley, Australia), Alvenia Cairncross, Siobhain Mulrennan, Rajesh Thomas, Dhaval Thakkar, Graham Donovan, Robert Mclaughlin, Barry Cense, Alan James, Peter Noble

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USE OF A "PORTABLE CONE BEAM CT" IN PERFORMING SELECTIVE BRONCHOGRAPHY WITH 3D RECONSTRUCTIONS IN INTERVENTIONAL PULMONOLOGY
Carlos Disdier Vicente (simancas, Spain), Gabriel Antonio Barraza García, Juan Francisco De Mesa Alvarez, Soraya Fernandez Gay, Blanca De Vega Sanchez, Carlos Martinez Padilla, Maria Teran Sanchez, Marta Belver Blanco, Sofia Jaurrieta Largo

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The 3-dimensional structure of the secondary pulmonary lobule within the human lung
Kasra Zargar (Vancouver, Canada), Darren Sutherland, Pardis Mohammadpour, Joel Cooper, Andre Phillion, Dragos Vasilescu, Tillie Hackett

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Bell-shaped chest structure in patients with spinal muscular atrophy and the effect of treatment
Hagit Levine (Even Yehuda, Israel), Yotam Dezitzer Hill, Lior Tzviban, Ofek Raviv, Ethan Henry Bauer, Huda Mussaffi, Osnat Konen, Yoram Nevo, Sharon Aharoni, Dario Prais

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Magnetic Resonance Imaging for Assessing Intrapulmonary Systemic-to-Pulmonary Arterial Shunts (IP-SPS) in Bronchiectasis Patients
Li Guo (Chengdu, China), Ye Wang

PS-22 Session 12:30 - 14:00

Poster session: Air pollution, climate change and environmental impact of respiratory therapies

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Public health | General respiratory patient care | Cell and molecular biology | Epidemiology

Chairs : Zorana Andersen (Frederiksberg, Denmark)

Carbon footprint of pressurized metered-dose inhalers' prescription in France, over 10 years
Jade Mahé (Pessac, France), Grégoire Muller, Nicolas Roche, Arnaud Bourdin, David Grimaldi, Maxime Patout, Maéva Zysman

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O2 supplementation thresholds and environmental tradeoffs
Roisin Hehir (Dublin, Ireland), Alex Dix, William Mccarthy, Jack McCarthy, Cormac Mccarthy, Alessandro Franciosi

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Formulary optimisation to reduce greenhouse gas emissions from inhalers: a retrospective audit of dispensing data
Iarlaith Doherty (Dublin, Ireland), Ankit Yadav, Hannah Berman, Marguerite Vaughan, Joan Mcgillycuddy, Darren Mcconville, Ultán Doherty, Deirdre Fitzgerald

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Inhaler user awareness of climate implications: a Canadian survey
Stacey J Butler (Toronto, Canada), Geneviève Digby, Caitlin Roy, Sze Man Tse, Shellyza Sajwani, Jill Hubick, Carolyn Mccoy, Ivy Lam, Alexander Singer, Eva Leek, Alan Kaplan, Sakina Walji, Valeria Stoynova, Samir Gupta

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Prescriber attitudes towards prescribing 'green' inhalers in secondary care: A qualitative study
Joseph Marchant (, United Kingdom), Aazaz Rehman, Jiakun Yu, Mattew Pavitt, Sabrine Hippolyte, Ketan Patel

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Climate change, Extreme weather and Asthma: A trigger for exacerbations?
Lenda Ben Hmida (Rades, Tunisia), Sabrine Louhaichi, Ella Nemsi, Ghada Barkaoui, Jamel Ammar, Besma Hamdi, Agnès Hamzaoui

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Association between urban greenness, air pollution and pediatric asthma control in industrial and non-Industrial cities
Hung-Ling Huang (Kaohsiung, Taiwan), Meng-Hsuan Cheng, Ta-Chien Chan

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The rising threat of domestic wood burning to Europe's respiratory health: A case study using longitudinal data from England and Wales
Laura Horsfall (London, United Kingdom), Shaun Scholes, Paola Zaninotto

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Trends in the mortality burden of lower respiratory infections attributable to non-optimal temperature Globally and in Greece: 1990-2021
PERIKLIS MARNAS (Larisa, Greece), Eleftherios Papazoglou, Chryssi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis, Erasmia Rouka

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Assessing cystic fibrosis patient profiles and exposome associations through unsupervised multidimensional phenotyping
Michelle Leemans (Créteil, France), Taos Benoussaid, Yasmine Bousserrhine, Ralph Epaud Epaud, Antoine Bessou, Adriana Coman, Isabelle Coll, Sophie Lanone, Etienne Audureau

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Seasonal variation in air pollution induced lung injury: effects on lung and gut microbiome in mice
Yu-Syuan Shih (Taipei, Taiwan), Ta-Chih Hsiao, You-Yin Chen, Yu-Chun Lo, Hsiao-Chi Chuang

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Are we accurately estimating our dose of inhaled air pollution? A scoping review on estimation methods
Laura Delgado Ortiz (Barcelona, Spain), Alícia Josa-Culleré, Aslihan Cakmak-Onal, Raquel Yafari, Claudia Armengol, Lidia Murillo, Joren Buekers, Lidia Morawska, Judith Garcia Aymerich, Sarah Koch, Ioar Rivas

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Personal air pollution exposure during commuting: insights from wearable sensor
Sara Bernasconi (Varese, Italy), Alessandra Angelucci, Marco Banfi, Andrea Aliverti

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Toxicological assessment of ultrafine particles in central Los Angeles
Constantinos Sioutas (Los Angeles, United States), Yashar Aghaei, Mohammadmahdi Badami

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Accuracy and precision of low-cost air quality sensors compared with Federal Equivalent Method monitors.
Sanja Stanojevic (Halifax (NS), Canada), Lauren Duggan, Jayd Adams, Cindy Feng, Kelvin Fong

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Inhaled diesel exhaust particles disrupt cardiac autonomic balance and enhance cough reflex via TRPV1 activation in humans
Filippo Liviero (Padova (PD), Italy), Manuela Campisi, Giorgia Carolo, Luana Cannella, Anna Bordin, Paola Mason, Sofia Pavanello

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Downregulation of CSF3 attenuates the inflammatory responses in animal models exposed to particulate matter (PM)
Eun Suk Son (Incheon, Republic of Korea), Sung Hwan Jeong, Sun Young Kyung, Jeong-Woong Park, So Young Park, Young Eun Lee

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The lived experience of people with asthma during the extreme heat: A large online Australian survey
Troy Cross (Forest Lodge, Australia), Iris Liu, Molly Mccausland, Gabrielle Dolan, Sailor Anicker

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Premature deaths due to long-term exposure to PM2.5 in Türkiye in the last five years
Merve Erçelik (Afyonkarahisar, Turkey), Orbay Tutku Seren, Nilüfer Aykaç

Particulate Matter 2.5 Accelerates Fibrosis by Disrupting SERPINE1 Pathway in Small Airway Epithelial Cells
Jihye Bang (Cheongju, Republic of Korea), Bu-Yeo Kim, Kyung-Ok Uhm, Han Byul Jang, Minju Kang, Hyun Joung Lim

PS-4 Session 12:30 - 14:00

Poster session: Chronic respiratory diseases: from new strategies to clinical approach

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Thoracic oncology

Method(s) : General respiratory patient care | Epidemiology | Public health | Transplantation | Palliative care | Pulmonary function testing

Chairs : Habib Ghedira (Tunis, Tunisia), Chair to be confirmed

Home based self-management program including AI-embedded auto-monitoring: Impact on quality of life and psychological well-being of COPD patients.
Claudia Meschi (Pisa (PI), Italy), Valentina Romiti, Liborio Sardo, Raffaele Marucci, Silvia Cappagli, Alina Barnea, Simona Barbaglia, Nicola Frau, Giuseppe Capasso, Guido Vagheggini

Patients with chronic obstructive pulmonary disease and complementary and alternative medicine: The role of health literacy in Türkiye
Mustafa Ersözlü (Fatih, Turkey), Elif Akıncı Aydınlı, Elif Selçuk, Elif Şen

“BREATHE”: an educational approach for optimising the management of chronic respiratory diseases in primary care
Natasha Smallwood (Melbourne (VIC), Australia), Rebecca Disler, Andrew Donald, Kerry Hancock, Christian Osadnik, Yet Khor, Jo-Anne Manski-Nankervis, Amy Pascoe, Lena Ly, Anna Spathis, Jennifer Philip, Lena Sanci

Nutritional Challenges in Community-Based Care for Patients with Chronic Respiratory Diseases
Ayumi Suzuki (Meguro, Japan), Mika Nagakawa, Katsutoshi Ando

Diagnostic performance of a modified version of PUMA score (mPUMA) for detection of Chronic Obstructive Pulmonary Disease (COPD) in a high-risk population from Nicaragua
Jorge Ivan Miranda (Managua, Nicaragua), Jessy C Trujillo-Morales, Edgar Urquidez-Bazúa

Evaluation of Alpha-1 Antitrypsin Testing in COPD Patients: A Population-Based Approach
Liliana Silva (Matosinhos, Portugal), Inês Ramalho, Alexandrina Martins, Francisca Pimentel, Beatriz Souto, Constança Hipólito Reis

Alternative Therapy for Patients with Chronic Respiratory Disease: Nature Prescription a Pilot Study
Marilyn Urrutia Pereira (Uruguaiana (RS), Brazil), Veronica Riquelme Martinez, Rovana Kinas Bueno, Debora Payão Pellegrini, Jeferson Rafael Bueno, Felipe Derre Torres, Camila Girotto Alberti, Bruna Simoneto Marques, Barbara Angelo De Moraes, Ana Clara Sevá, Daniel Barba Kaestner, Solé Dirceu

PrimaryBreathe: co-design of a primary care intervention for chronic breathlessness
Anna Spathis (Cambridge, United Kingdom), Sarah Hoare, Miriam Johnson, Morag Farquhar, Mark Pearson, Lindsey Berends, Maria Goodall, Catherine Moffat, Julie Burkin, Kathryn Caley, Petrea Fagan, Ben Bowers, Jonathan Mant

Predictors of undiagnosed COPD in the lung cancer screening population
Vladimir Koblizek (Hradec Králové, Czech Republic), Monika Ambrozova, Petr Dvorak, Karel Hejduk, Renata Chloupkova, Ondrej Majek, Ondrej Ngo, Jaromir Zatloukal, Eva Volakova, Kristian Brat, Norbert Kral

A pilot randomised controlled trial of Tailored Intervention for people with moderate-to-severe Chronic Obstructive Pulmonary Disease and Co-morbidities delivered by Pharmacists and Consultant respiratory Physicians (TICC-PCP)
David Anderson (Glasgow, United Kingdom), Richard Lowrie, Aziz Sheikh, Jane Moir, Andrew Mcpherson, Bethany Stanley, Gillian Cameron, Lynda Attwood, Donald Noble, Elaine Rankin, Jennifer Anderson, Nicola Greenlaw, Fiona Hughes, Emma Mcintosh, Samuel Owusu Achiaw, Lesley Anne Tait, Frances Mair

Outcome of patients with LTOT: a nationwide Belgian cohort study
Arne Coussement (Mechelen, Belgium), Michael Staes, Wim Janssens

A prevention focussed approach to improving chronic obstructive pulmonary disease outcomes (PICO)
Jacqueline Brereton (Wirral, United Kingdom), David Tarpey, Sarah Sibley, Ashvina Nawoor, Nazia Syed, Karen Livesey, Mark Rooney, Amit Patel

Cost-effectiveness of integrated disease management for COPD in Ontario, Canada
Andrew Scarffe (Ottawa, Canada), Anna Hussey, Madonna Ferrone, Kyla C Jamieson, Amyn P Sayani, Ross W Ormsby, Dale Payne, Nirosha M Lederer, Mackenzie A Hamilton, Christopher Licskai

Risk factors for severe exacerbations during a quality improvement program: results from a multicentre, single-arm study (CARE4ALL)
Kewu Huang (Beijing, China), Honglei Shi, Shaoxiang Huang, Yanxia Li, Xuhua Lv, Xiaomin Bai, Jinbao Wu, Yuting Duan, Tim Harrison, Chen Wang

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Understanding implementation delivery and response in primary care: Findings of the IMP2ART trial process evaluation.
Catherine MacLeod (Edinburgh, United Kingdom), Jessica Sheringham, Brigitte Delaney, Viv Marsh, Vicky Hammersley, Kirstie Mcclatchey, Elizabeth Steed, Stephanie Taylor, Hilary Pinnock

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Optimizing cardiovascular risk reduction in comorbid COPD and CVD: a retrospective analysis of single-inhaler triple therapy and LDL-C reduction from 2020-2024
Meredith Donaldson (MARKET RASEN, United Kingdom), Carl Deaney

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Enhanced diagnostic assessment in the integrated care setting to guide primary care management of airway disease
Anne-Marie Sweeney (Dublin, Ireland), Eleanor Cronin, Geraldine Nolan, Rachel Anglin, Alessandro Franciosi

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Anxiety and depression in mild and moderate COPD patients in comparison to non-COPD smokers.
Effimia Kamariotou (Thessaloniki, Greece), Diamantis Chloros, Dionisios Spyratos, Dionisia Michalopoulou, Ioanna Tsiouprou, Lazaros Sichletidis

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Participant acceptability and feasibility of virtual and digital health solutions in a phase IIa COPD trial
Janwillem W.H. Kocks (Groningen, Netherlands), R. Kat, W. Van Der Veen, Y.H. Gerritsma, W. Dott, O. Elizarova, R. Hughes, C. Jonstrand, C. Kristensson, A. Nowojewski, A. Wheal, M.T. Leving

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Systematic review of home-based care for the management of COPD patients receiving long-term home non-invasive ventilation
Scott Gibson (Norderstedt, Germany), Claudia Crimi, Simon Oczkowski, Annalisa Carlucci, Jean-Louis Pépin, Joëlle Texereau, Sarah Alami, Juliane Hafermann, Sylwia Kaduk, Rhodri Saunders, Sita Saunders

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PS-27 Session 12:30 - 14:00

Poster session: Evidence-based practice in pulmonary function testing: using research to improve clinical practice

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases

Method(s) : Pulmonary function testing | Pulmonary rehabilitation | Physiology | Transplantation | General respiratory patient care | Imaging | Public health | Epidemiology

Chairs : Arjen Pelgröm (Ermelo, Netherlands), Chair to be confirmed

Building Capacity for Respiratory Health in the community: A practical spirometry training program for the polyclinic setting.
si yee sim (singapore, Singapore), Faith Chan, Corrine Kang, Maryam Zaini Siti, Hwee Lee Ng

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Challenges in performing Spirometry as reported by patients and spirometry technicians: A Multicentric Study from India
Ruby Swami (pune, India), Nagarajan Srinivasan, Ks Arora, Deepak Shukla, Indranil Haldar, Joydeep Ganguly, K Madhu, Rennis Davis, S K Awasthi, Sandeep Raj Bharma, Vikram Jaggi, Sapna Madas, Sujata Chauthmal, Abhishek Sabale, Rushika Shah, Meena Lopez, Jaideep Gogtay, Senthilnathan Mohanasundaram, Deesha Ghorpade, Sundeep Salvi

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Development of the Role of a Consultant Clinical Scientist within an ILD Service
Ian Cliff (Stoke-on-Trent, United Kingdom), Shiva Bikmalla, Vicki Poole, Raja Muthusami, Helen Stone

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Adherence and quality assurance of home spirometry in lung transplant recipients.
Bryn Williams (BIGGLESWADE, United Kingdom), Benjamin Knox-Brown, Rebecca Borton, Karl Sylvester, Caroline Patterson

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Clinical Scientist led clinics for severe sleep apnoea patients: a solution to a growing problem
Richard Madeley (Leeds, United Kingdom)

Neural control of the diaphragm: a contested perspective
Nimet Ebrar Demircan (Ankara, Turkey), Necdet Kocabıyık

PRISm prevalence and associated factors in a university medical center: a retrospective analysis
Zeina Akiki (Byblos, Lebanon), Emilio Khoueiry, Elissa Smayra, Antonio Nader, Karen El Teress, Caren Safi, Imad El Ashkar, Ali Majed, Ali Fawaz, Pascale Salameh, Dany Gaspard

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Health tracker Capnography CO2-slope: marker for cardiopulmonary health.
Tjeu Souren (Utrecht, Netherlands), Michal Mor, Adam Lee Perelman, Dan Golan, Merav Mor

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Dyspnea and pulmonary function in a population-based cohort of SARS-CoV-2 infected individuals
Mustafa Abdo (Grosshansdorf, Germany), Anne-Kathrin Ruß, Sabrina Ballhausen, Alin Viebke, Carolin Nürnberger, Anna Horn, Stefan Störk, Peter U Heuschmann, Thomas Zoller, Fridolin Steinbeis, Martin Witzenrath, Lilian Krist, Ekaterina Heim, Sina M. Hopff, J. Janne Vehreschild, Wolfgang Lieb, Michael Krawczak, Klaus F Rabe, Espen Elias Groth, Jan Heyckendorf, Stefan Schreiber, Lennart Reinke, Thomas Bahmer

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POLARIS: A digitally enabled COPD diagnostic pathway to reduce waiting times and improve early intervention
Emma Giffen (Glasgow (Glasgow), United Kingdom), Fergus Wilkie, Anna Taylor, Eve Walker, David Lowe, Chris Carlin

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The prevalence of submaximal effort on the reported FEV1 in a clinical trial cohort of Asthma, COPD, and ACO subjects.
Carl Mottram (Hayfield, United States), Diana Teixeira E Silva, Benoit Cuyvers, Todd Lustine, Kevin Mccarthy, Paul Desbordes, Jeroen Berrevoets, Marko Topalovic

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Experience in a clinical trial for COPD suggests the reduced back-extrapolated volume limit of 0.100 L may be unnecessarily restrictive
Kevin McCarthy (Matthews, United States), Phil Lake, Todd Lustine, Carl Mottram

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Reference values by Oostveen for Forced Oscillation Technique can be used for military personnel
Antoinette Houtkooper (Julianadorp, Netherlands), Juliette Zuurbier

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Danish lung function reference values for adults - the DALFUMAT study
Jann Mortensen (København Ø, Denmark), Lars Kristensen, Mathias Munkholm, Birgitte Hanel, Jan Abrahamsen, Kirsten Sidenius, Ingrid Louise Titlestad, Ronald Dahl, Sofie Kryger, Flemming Madsen

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PULMONARY DISEASE (PCOPD) IN TUNISIA: EXPLORATION AND RISK FACTORS
Nadia BEN LAZREG (sousse, Tunisia), Ines Ghannouchi, Mariem Abdesselem, Nesrine Jeballah, Jihene Bouguila, Sonia Rouatbi

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Normative values and reference equations for the Test of Incremental Respiratory Endurance in the Brazilian population
Magno F Formiga (Fortaleza, CE, Brazil), Artur Solon Lima, Carol Alonso Gonzalez, Jennifer Wendy Teixeira Façanha, Roberta Catunda Costa, Andressa Rodrigues De Souza, Lawrence P. Cahalin

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Alveolar volume and its relationship with carbon monoxide diffusion and forced vital capacity in post-covid 19 patients Colombia
Julian Rivera (, Colombia), Lina Marcela Orozco Mejía, James Castillo Vergara, Manuelita Ascuntar Velásquez, Diana Carolina Zambrano Rios, Hugo Alejandro Carrillo

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Relationship between distance-saturation product of the 6-minute walk test and respiratory and peripheral muscle strength in renal transplant patients
Merve Firat (Kırşehir, Turkey), Ceyhun Topcuoglu, Aydan Aslı Aksel-Uylar, Melda Saglam, Arda Erdut, Tolga Yildirim, Naciye Vardar-Yagli

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Assessing hidden airflow limitation in Non-Specific Pattern of lung function using the FEV1/SVC ratio
Yosra Abdelhedi (tunis, Tunisia), Khouloud Kchaou, Soumaya Khaldi, Chaima Briki, Saloua Ben Khamsa Jameleddine

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Pulmonary function, respiratory muscle strength and functional capacity in patients with acute stroke, chronic stroke compared with a control group of healthy people
Ceren Derya Gultekin (İstanbul, Turkey), Burcu Işıkcı, Berrak Varhan, Mouzhan Pazhouhan, Yasemin Buran Çırak

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PS-20 Session 12:30 - 14:00

Poster session: The impact of the environment and comorbidities on airways disease progression and treatment responsiveness

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary rehabilitation Cell and molecular biology Epidemiology

Chairs : Christian Taube (Essen, Germany), Christina Bal (Wien, Austria)

Multi-omics Reveals Aberrant Phenotypes of Respiratory Microbiome and Phospholipidomics Associated with Asthma Inflammation
Huan Liu (Beijing, China), Chun Chang

Characterizations of gut microbiota and metabolites in adults with different phenotypes of asthma
Yang'fan Hou (Xi'an, China), Yun Liu

Airway microbiota and serum metabolites drive collectively progression from pre-COPD to mild/moderate COPD
Li hongxin (Xi'an, China), Liu Yun

Environmental Aspergillus fumigatus and exacerbations in severe asthma
Fransiskus Xaverius Ivan (Singapore, Singapore), Pei Yee Tiew, Micheál Mac Aogáin, Tavleen Kaur Jaggi, Augustine Tee, Mariko Siyue Koh, John Arputhan Abisheganaden, Stephan C. Schuster, Sanjay H. Chotirmall

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Correlation between Respiratory Viral Infections and Allergenic Pollens of Children in Guri, Korea During Recent 10 Years
Jae-Won Oh (Guri (Kyunggi-Do), Republic of Korea), Young-Jin Choi, Kyung-Suk Lee

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Elevated respiratory syncytial virus (RSV)-specific IgGs in non-allergic adult asthmatics suggest RSV as asthma trigger factor
Katarzyna Niespodziana (Vienna, Austria), Maja Bajic, Thomas Schlederer, Huey-Jy Huang, Kristina Borochova, José Basílio, Robab Breyer-Kohansal, Marie-Kathrin Breyer, Charmaine L. M. Lim, Sylvia Hartl, Rudolf Valenta

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Presence of nanoplastics in sputum of patients with severe asthma: a novel environmental perspective
Leandro Tapia Barredo (Barcelona, Spain), Agnes Hernandez Biette, Paula Gonçalves Romeu, Raquel Guillamat Prats, Jordi Petriz, Marina Tuxans Serrano, Ignasi Garcia-Olive, Clara Padro, Maria Basagaña, Antoni Rosell Gratacos, Carlos Martinez Rivera

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The effect of second-hand smoke on asthma management in women
Hammouda Naziha (Tunisia, Tunisia), Ella Nemsi, Manel Jabberi, Siouar Gharsallaoui, Sabrine Louhaichi, Jamel Ammar, Besma Hamdi, Agnès Hamzaoui

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Impact of weather events on New Zealand asthma hospitalisations: 20 years of data
Yerang Seo (Auckland, New Zealand), Sophia Kwong, Priya Pamar, Amy Hai Yan Chan

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Peculiarities of asthma management in a frontline city in Ukraine
Galyna Yeryomenko (Kharkiv, Ukraine), Tetyana Bezditko

Observational Study on Dietary Intake Differences in Asthma Patients vs. Healthy Controls
Ankita Mohanty (Bhubaneswar (Odisha), India), Nitesh Gupta, Manu Madan, Rohit Kumar, Pranav Ish

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Impact of obesity on neutrophil function and phenotype in severe asthma
Sundhas Rafeeq Valappil (Dubai, United Arab Emirates), Surendra Singh Rawat, Laila Salama, Andrea Mogas, Mahmoodhashim Mashhadani, Bassam Mahboub, Hamid Qutayba, Saba Al Heialy

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Immune Modulation of ADAM17-Expressing Cells Following Exercise in COPD
Carin Lau (Rydsgård, Sweden), Nicole Van Der Burg, Rana Mansour, Linda Elowsson, Caroline Larsson, Andrei Malinovschi, Jaro Angkerst, Margareta Emtner, Leif Bjermer, Christer Janson, Gunilla Westergren-Thorsson, Ellen Tufvesson

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Exploring synergies in an interdisciplinary global airways clinic
Jens Richter (Lund, Sweden)

Allergen sensitization and associated risk of respiratory allergic diseases in patients with atopic dermatitis
Duy-Bo NGUYEN (Hanoi, Vietnam), Van Dinh Nguyen, Thanh Huyen Thuc, Ha Phuong Vo, Thi Mai Vu, Quynh Anh Nguyen, Thi Hai Yen Pham, Thi Minh Huong Le, Thi Oanh Hoang, Thi Minh Nguyet Nguyen, Anh-Tuan Dinh-Xuan

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Towards a better understanding of NERD: A phenotypic approach
Elif naz Sancar (Altındağ, Turkey), Oguz Karcioglu, Gul Karakaya, Ali Fuat Kalyoncu, Ebru Damadoglu

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Baseline asthma burden by inhaled corticosteroid dose: patients initiating dupilumab in RAPID
Leonard Bacharier (Nashville, United States), Arnaud Bourdin, Changming Xia, Hashem Awad, Mena Soliman

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Effectiveness of mepolizumab in patients with severe asthma with high immunoglobulin E (IgE) or chronic rhinosinusitis with nasal polyps (CRSwNP): A post-hoc analysis of NEST
Mona Al-Ahmad (Kuwait, Kuwait), Nasser Al Busaidi, Tayseer Ibrahim, Ozlem Goksel, Riyad Omar Al-Lehebi, Bassam Mahboub, Soumya Das, Elizabeth Garcia, Saeed Noibi, Seema Haider, Gur Levy, Alejandra Galeano Mesa

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Dupilumab Real-World Effectiveness Through 18 Months in Patients with CRSwNP and Coexisting Asthma in the AROMA Registry
Amr Radwan (Uxbridge, United Kingdom), Kathleen M. Buchheit, Enrico Marco Heffler, Shigeharu Fujieda, Martin Wagenmann, Changming Xia, Sabina Demarchi, Mark Corbett

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Remission of chronic rhinosinusitis with nasal polyps and asthma with 24-month dupilumab
Tomoko Tajiri (Nagoya-shi, Japan), Motohiko Suzuki, Hirono Nishiyama, Yoshiyuki Ozawa, Yuki Amakusa, Tatsuro Suzuki, Keima Ito, Yuta Mori, Kensuke Fukumitsu, Satoshi Fukuda, Yoshihiro Kanemitsu, Takehiro Uemura, Hirotsugu Ohkubo, Masaya Takemura, Yutaka Ito, Tetsuya Oguri, Akio Niimi

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PS-31 Session 12:30 - 14:00

Poster session: Lung cancer screening: trying to optimise the next step

Disease(s) : Thoracic oncology Interstitial lung diseases

Method(s) : Public health Imaging General respiratory patient care Epidemiology Endoscopy and interventional pulmonology Surgery

Chairs : Georgia Hardavella (Athens, Greece), Chair to be confirmed

Pilot Lung Cancer Screening Program and "Lung Health Check" in Lleida: Preliminary Results
Anna Sánchez Cucó (Lleida, Spain), Sally Santisteve, Anna Vila-Fornells, Aida Monge, Carlos Manzano, Esther Gracia, Nerea Ramírez-Seco, María Zuil, Marcela Suárez, Núria Forns, Carlota Regany, Sònia Gatius, Carlos Alberto Rambolá, Marina Pardina, Virginia García, Jose David González, Cora Andrea Sampedro, Mario Montesinos, Juan Diego Aviles, Alberto Rodrigo, David F Yankelevitz, Claudia I Henschke, Ferran Barbé, Jessica González

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Lung cancer population at the Juan Ramón Jiménez Hospital in Huelva description: would they be included in a potential screening?
Carla Romero Sayago (, Spain), Ana Rodríguez Cabrera, Javier Romero Lopez, Myriam Gandulfo Lara, Jaime Domínguez Caro, Gloria Toledo Muñoz-Cobo

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Lung cancers diagnosed in screening eligible patients outside of program
Aparna Natarajan Iyer (plymouth, United Kingdom), Owen Mole, Kirsten Leslie, Cyrus Daneshvar

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A service evaluation of the Targeted Lung Health Check (TLHC) screening programme in a major English city.
Shreyaa Ramadore (Southampton, United Kingdom), Daniel Offen, Bradley Yee, Edwin Woo, Aiman Alzetani

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The Reverse Trend in Lung Cancer Stages at Diagnosis: A Comparison of a Lung Cancer Screening Pilot Program and Usual Care in Lleida.
Marcela Suarez (lleida, Spain), Sally Santisteve, Anna Vila, Carlos Manzano, Esther Gracia, Maria Zuil, Nerea Ramírez, Anna Sánchez, Sonia Gatius, Marina Pardina, Carlos Rombolá, Cora Sampedro, Mario Montesinos, Juan Diego Avilés, Virginia Garcia, Ferran Barbé, Jessica González

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Lung cancer screening programmes: Not "one size fits all". The need for personalized approach
Danai Bisirtzoglou (Athens, Greece), Efthalia Gioxari, Ira Mihailidou, Gerasimos Ardavanis, Athanasios Zetos, Vasiliki Petta, Emmanouil Verigos, Georgia Hardavella

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Thorax CT scanning in a population without considering the presence of lung cancer risk factor status: does it contribute to the early diagnosis of lung cancer?
Ayşegül Gencer (Istanbul, Turkey), Buket Caliskaner Ozturk, Gizem Senkardesler, Ersan Atahan, Bilun Gemicioglu, Sermin Borekci

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Malignant subsolid nodules comparison in clinical T1 stage NSCLC
Gal Rojc (Ljubljana, Slovenia), Aleš Rozman

A single centre retrospective review of lung cancer demographics and stage at diagnosis
Elspeth Carruthers (London, United Kingdom), Sarah Ahmed, Alex Birly, Alan Shaw

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Low-dose computed tomography for lung cancer screening in northern India
Anant Mohan (New Delhi (Delhi), India), Ayush Goel, Ashu Seith, Oshin Bhatia, Maroof Khan, Karan Madan, Vijay Hadda, Saurabh Mittal, Pawan Tiwari, Tejas Suri

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Lung Cancer Risk Prediction Based on Blood-Tests and Machine Learning Model
Dekel Shlomi (Tel-Aviv, Israel), Lihi Schwartz, Naor Matania, Matanel Levi, Shiri Kushnir, Noga Yosef, Assaf Hoogie, Teddy Lazebnik4

Automatic detection and reporting of chest CT findings based on AI
Jitender Singh (Bengaluru, India), Shweta Tyagi, Mohammed Moosa Jabeer, Anuj Chandalia

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Risk of major cardiovascular events in adults with coronary artery calcification identified in lung cancer screening
Tanya Patrick (London, United Kingdom), Amyn Bhamani, John Mccabe, Ruth Prendecki, Priyam Verghese, Andrew Creamer, Chuen Ryan Khaw, Monica Mullin, Helen Hall, Jennifer Dickson, Carolyn Horst, Sophie Tisi, Sindhu Bhaarrati Naidu, Kylie Gyertson, Anne-Marie Hacker, Laura Farrelly, Aroon Hingorani, Riyaz Patel, Joseph Jacob, Allan Hackshaw, Arjun Nair, John R Hurst, Sam M Janes

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Optimizing early lung cancer detection in Switzerland: Preliminary insights from the Vaud Lung Cancer Screening Pilot Project
Cédric Bongard (Lausanne, Switzerland), Aicha Cobuccio, Maïmouna Faucher, Marie Lugon, Cynthia Schneider, Kevin Selby, David Rotzinger, Chiara Pozzessere, Christophe Von Garnier

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Evidence-based messaging connects patients to lung screenings
Kelly Flynn (Philadelphia, United States), Lauren Kogen, Stefanie Murphy

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Mobile Low-Dose CT Lung Cancer Screening in Poland– a pilot implementation study
Joanna Moes-Sosnowska (Warsaw, Poland), Mariusz Adamek, Michal Szczyrek, Tomasz Prystupa, Aleksandra Wilk, Janusz Milanowski, Tadeusz Orlowski, Joanna Chorostowska-Wynimko

First-time targeted population screening for lung cancer in Greece – results of the SOLACE project
Iris-Theodora Vlachantoni (Athens, Greece), Konstantinos Karagiannis, Kyriaki Tavernaraki, Androniki Kozana, Eirini Lampiri, Lamprini Stournara, Ilianna Tsetsou, Mina Gaga

The pilot project of lung cancer screening: first data on positive cases
Mikuláš Skála (Hradec Králové, Czech Republic), Michal Jiroušek, Michal Hrnčiarik, Eva Kočová, Martin Hyršl, Vladimír Koblížek

Proposed criteria for lung cancer screening eligibility in Australia are restrictive and will fail to detect many lung cancer cases
Matthew Peters (Concord, Australia), Abby Fyfe, Tajalli Saghaie, Jonathan Williamson, Alvin Ing, Lucy Morgan

PS-17 Session 12:30 - 14:00

Poster session: Biomarkers and clinical aspects in chronic airway diseases

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Imaging Pulmonary function testing General respiratory patient care Cell and molecular biology Epidemiology Physiology

Chairs : Saša Rink (Ljubljana, Slovenia), Vladimir Koblizek (Hradec Králové, Czech Republic)

Characteristics of COPD patients in a community spirometry service and their eligibility for biologic therapy
Timothy Ho (Liverpool, United Kingdom), Devon Ward, Rachel Burton, Fred Fyles, Maria Puthoor, Seher Zaidi, Hassan Burton

Quantitative changes in airway wall thickness and emphysema in COPD patients treated with biologics
Truong-An Ho (Philadelphia, United States), Stephen Dachert, Anugya Mittal, Gerard Criner

The role of natriuretic peptides in proactive management of COPD in the absence of overt heart failure: a scoping review
Anastasiia Melenevych (Kharkiv, Ukraine), Olena Kuropiatnyk

Analysis of blood homocysteine (Hcy) in bronchial asthma patients at our hospital
Yusuke Kurosawa (Tokyo, Japan), Shuichiro Maruoka, Yuichiro Takeshita, Masako To, Yasuo To, Yasuhiro Gon

Misclassification Risk in COPD: Are Z-Scores Underestimating Airflow Limitation in GOLD Group E Patients
Gozde Mit (ANKARA, Turkey), Elif Selçuk, Mustafa Ersözlü, Elif Akıncı, Aslı Çiftçi, Derya Gökmen, Elif Şen

PERSISTENT SYSTEMIC INFLAMMATION IN PATIENTS WITH COPD AND ARTERIAL HYPERTENSION (AH)
Valeriia Dmytrychenko (Dnipro, Ukraine), Vladyslava Rudakova, Victoriia Rodionova, Mariia Chashchina

Prevalence of Alpha-1 Antitrypsin Deficiency in COPD Patients in Manisa Province
Ömer Dogan (Manisa, Turkey), Deniz Kızılırmak, Ayşe Arzu Yorgancıoğlu

Factors identifying good response in severe asthmatics on anti IL-5 therapy
Tyulin Riza (Pleven, Bulgaria), Gergana Vergilova, Zlatina Ivanova, Nikolay Kyuchukov, Yavor Ivanov

Survey to understand physicians' knowledge, attitude & practice patterns to vaccinate COPD patients in India (PREVENT Survey)
Sonam Vinod Solanki (Mumbai (Maharashtra), India), Anant Mohan, Asmita Mehta, Anshum Aneja, Prashant Kumar, Tarang Kulkarni, Sunil Kumar, Rajesh V, Manoj Yadav, Eshita Sharma, Rushika Shah, Meena Lopez, Senthilnathan M, Jaideep Gogtay

Combined Predictive Value of Bronchodilator Responsiveness and FeNO for Airway Hyperresponsiveness in Asthma
Yun Liu (Xi'an, China), Zhuoyang Li, Dan Wang, Miaomiao Zhou, Zimeng Ning, Yue Chang, Mangyuan Liu, Yawen Xiang

The impact of UK regional asthma guidelines on SABA and ICS prescribing
Dominic Sykes (Hull, United Kingdom), Michael D Clarkson, Anita Negbenebor, Oscar Lau, Niranjanlal Ahilal, Helena Cummings, Shoaib Faruqi, Michael G Crooks

Does FeNO response correlate to BDR in asthmatic patients: Experiences from a community based respiratory hub
Helen O'Brien (Ratoath, Ireland), Roisin Hehir, Jack Mccarthy, Geraldine Nolan, Rachel Anglin, Alessandro N Franciosi

Assessment of Fractional Exhaled Nitric Oxide (FeNO), Spirometry, and Asthma Control Test (ACT) Scores in Adult Asthma Patients
Anil Kumar Singh (Lucknow, India), Huda Shamim, Dipin S, Rajat Mishra, Rahul Sharma, Surya Kant, Ajay Kumar Verma

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Asthma control and dyspnea: how spirometric profiles reflect disease severity
Nour Elhouda Ben Mrad (Ariana, Tunisia), Khouloud Kchaou, Abdelhedi Yosra, Khaldi Soumaya, Saloua Ben Khamsa Jameleddine

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Lobar differences on chest CTs of bronchiectasis patients from the EMBARC registry
Yuxin Chen (Rotterdam, Netherlands), Angelina Pieters, Tjeerd Van Der Veer, Merlijn Bonte, Pierluigi Ciet, Amelia Shoemark, Stefano Aliberti, Pierre-Régis Burgel, Pieter Goeminne, Michal Shteinberg, Michael Loebinger, Charles Haworth, Andrea Gramegna, Francesco Blasi, Daan Caudri, James Chalmers, Harm Tiddens

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Assessing lung disease progression in people with cystic fibrosis (pwCF) on elexacaftor/tezacaftor/ivacaftor (ETI) with dynamic functional lung MRI
Christopher Short (London, United Kingdom), Thomas Semple, Mary Abkir, Marta Tibiletti, Mark Rosenthal, Simon Padley, Geoff Parker, Jane Davies

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Acute exacerbations of COPD: clinical uutcomes and predictive markers in a cohort from a tertiary hospital
Maria Senar Garcia (Zaragoza, Spain), Jorge Rodrigez Sanz, Pablo Cubero Marín, Ana Victoria Gil, Raquel Langarita, David Sanz Rubio, Marta Marin Oto, Jose María Marin Trigo

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Algorithmic CT analysis of bronchiectasis in alpha-1 antitrypsin deficiency
Joshua De Soyza (Birmingham, United Kingdom), Philipp Hoeger, Paul Ellis, Oliver Weinheimer, Franziska Trudzinski, Alice M Turner

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The role of FeNO in predicting bronchiectasis severity
Sebastiano Spierto (Toritto (BA), Italy), Marianna Cicchetti, Eustachio Ricciardi, Marta Tornesello, Rossella Novielli, Maria Rosaria Vulpi, Maria Anna Ardito, Vitaliano Quaranta, Andrea Portacci, Vincenzo Nicola Valerio, Marco Antonio Patruno, Silvano Dragonieri, Giovanna Elisiana Carpagnano

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A BEAT-PCD consensus statement for the management of primary ciliary dyskinesia
Elora Peulier-Maitre (Paris, France), Myrofora Goutaki, Mieke Boon, Eleonora Dehlink, Nagehan Emiraliogu, Josje Altenburg, Miguel Armengot, Rodrigo Athanazio, Paolo Buonpensiero, James Chalmers, Isabelle Cizeau, Suzanne Crowley, Thomas Ferkol, Eric Haarman, Claire Hogg, Tonje Klaette, Michael R Loebinger, Natalie Lorent, Jane Lucas, Bernard Maitre, June K Marthin, Lucy Morgan, Jean-François Papon, Lue Katrine Philipsen, Johanna Raidt, Felix C Ringshausen, Lynne Schofield, Michal Shteinberg, Nicola Ullmann, Emilie Wattellier, Panayotis Yiallouros Yiallouros, Amelia Shoemark, Guillaume Thouvenin

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PS-7 Session 12:30 - 14:00

Poster session: Intensive care unit mix

Disease(s) : Respiratory critical care | Thoracic oncology | Airway diseases | Pulmonary vascular diseases

Method(s) : Respiratory intensive care | Epidemiology | Physiology | Pulmonary function testing | Cell and molecular biology | General respiratory patient care | Transplantation | Surgery

Chairs : Rudolfs Vilde (Rīga, Latvia), Chair to be confirmed

Internal Jugular Vein Distensibility Index and Changes in End-Tidal CO2 to Predict Fluid Responsiveness in Mechanically Ventilated Patients with Shock
Trirong Choosongdet (Surin, Thailand), Nuntanuj Vutthikraivit, Preut Assawaworrarit, Thitiwat Sriprasat, Monvasi Pachinburavan

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Prognostic assessment of patients with advanced-stage lung cancer in intensive care unit, a retrospective observational study
Anas Hila (Bruxelles, Belgium), Lionel Pirard, Pierre Bulpa, Isabelle Michaux, Arnaud Robert, Fabrice Duplaquet, Sebahat Ocak

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The lactate to albumin ratio as a prognostic tool in sepsis
Irene Karampela (Athens, Greece), Dimitris Kounatidis, Natalia Vallianou, Fotis Panagopoulos, Dimitrios Tsilingiris, Maria Dalamaga

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A new technique for bedside functional residual capacity assessment: comparison with Body Plethysmography
Jessica Luiz (Oxford, United Kingdom), Ella Mcloughlin, Graham Richmond, Nick Talbot, Grant Ritchie, Matthew Frise, Peter Robbins

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Advancing Shock Prediction: Leveraging Prior Knowledge and Self-Controlled Data for Enhanced Model Accuracy and Generalizability
Chien-Hua Tseng (New Taipei City, Taiwan)

Immunomodulatory effects of dopamine signaling dampens macrophage-driven acute lung injury via modulating mitochondrial activity in a JAML/IL-10-dependent manner
Wu Di (Shanghai, China), Liao Ximing, Gao Jing, Wang Kun, Gao Wei

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"Same same but different" - baseline data comparison b/w COVID-19 and other high-risk invasive ventilated patients in PRiVENT
Biljana Joveš (Ludwigsburg, Germany), Benjamin Neetz, Jana-Christina Dahlhoff, Philipp Högger, Elena Biehler, Thomas Fleischhauer, Julia Michels-Zetsche, Michel Wensing, Axel Kempa, Claus Neurohr, Armin Schneider, Joachim Szecsenyi, Felix Jh Herth, Franziska Trudzinski

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Association between admission pan-immune-inflammation value and in-hospital mortality in critically ill COPD patients: A cohort study
Mohan Giri (Chongqing, China), Anju Puri, Lan Huang, Shuliang Guo

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The Standardized Prophylaxis and Risk Factors for Venous Thromboembolism in Patients of Respiratory Intensive Care unit: a Retrospective Observational Study
Hong Chen (, China), Binyan Fu, Shengxin Fan, Jiazhou Liu, Xiaohui Wang, Yuliang Liu

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Inhalation Safety and Pharmacokinetics of the Cysteine Cathepsin Inhibitor Aloxistatin (E64d) – a phase 1 trial (COALITION-I)
Sebastian Fähndrich (Freiburg, Germany), Lydia Herbstritt, Franziska Friedrich, Britta Lang, Daniel Soriano, Xuan Phuoc Nguyen, Gernot Rohde, Daiana Stolz, Robert Bals, Christoph Peters, Martin J. Hug, Caroline Jenkner

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Serum fibroblast growth factor 21 for predicting mortality in patients with acute respiratory distress syndrome
Patinya Maneesow (Bangkok, Thailand), Nuntanuj Vutthikraivit, Awirut Charoensappakit, Nattapong Jaimchariyatam, Asada Leelahavanichkul, Monvasi Pachinburavan

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Efficacy and safety of tocilizumab in covid-19 critically ill patients: a multicenter cohort study
Amira Jamoussi (Ariana, Tunisia), Ilyes Sellami, Sirine Rhaiem, Mohamed Khalil Ghozzi, Oussama Jawad, Souheil El Atrous, Lynda Ben Messaoud, Sami Abdellatif, Kais Ben Romdhane, Youssef Blel, Imed Aissa, Takoua Merhebene, Emna Rachdi, Nacef Ben Mrad, Selim Sellaouti, Samia Ayed, Jalila Ben Khelil

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Outcomes of Patients Bridged to Lung Transplant with Extracorporeal Membrane Oxygenation: A Single-Center Experience
YEHIA RABEA MOSTAFA (Riyadh, Saudi Arabia), Rayid Abdulqawi, Fayyaz Baig, Waleed Saleh, Dalia Obeid, Eid Almutairy

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Descending necrotizing mediastinitis - what are we doing?
Flora Varga (Budapest, Hungary), Fruzsina Elek, Zsuzsanna Miklós, Szabolcs Szigeti

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Clinical profile of patients with post-operative pulmonary complications in a tertiary care hospital – an observational study.
Dhruvi Rathod (MUMBAI, India), Radha Munje, Gyanshankar Mishra, Sanjay Gour

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Artificial Intelligence for Differentiating the Causes of Dyspnea
Maria Boesing (Liestal, Switzerland), Justus Constantin Baarts, Joerg Daniel Leuppi, Giorgia Lüthi-Corridori

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PS-12 Session 12:30 - 14:00

Poster session: Positive airway pressure therapy for sleep apnoea treatment: different interfaces, assessment of outcomes and evaluation of compliance

Disease(s) : Sleep and breathing disorders | Airway diseases | Respiratory critical care

Method(s) : Epidemiology | Physiology | Public health | General respiratory patient care | Pulmonary function testing

Chairs : Chair to be confirmed

Effect of continuous positive airway pressure on blood pressure in normotensive individuals with obstructive sleep apnoea: a randomised trial
Mario Henriquez (Lleida / Lérida, Spain), Adriano D. S. Targa, Gerard Torres, Iván D. Benítez, Rafaela Vaca, Lidia Pascual Arnó, Olga Minguez, Maria Aguilà, Dolores Martínez, Lucía Pinilla, Anna Galan Gonzalez, Sergi Balsells Garriga, Manuel Sánchez-De-La-Torre, Ferran Barbé

PAP treatment reduces the excess mortality risk of obstructive sleep apnea
Sven Svedmyr (Mölndal, Sweden), Ding Zou, Jan Hedner, Magnus Ekström, Mirjam Ljunggren, Josefin Sund, Andreas Palm, Ludger Grote

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Post-stroke sleep disordered breathing and the effect of positive airway pressure treatment: An updated systematic review and meta-analysis of randomized control trials
Dimosthenis Lykouras (Patra, Greece), Fotios Sampsonas, Vasileios Karamouzos, Michael Doulberis, Kiriakos Karkoulias, Paschalis Steiropoulos, Argyrios Tzouvelekis

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Association Between Positive Airway Pressure Adherence and the Risk of Incident Depression in Patients With OSA
Julie Garrivet (Angers, France), Margaux Blanchard, Bénédicte Gohier, Pierre Alexis Geoffroy, Geoffroy Solelhac, François Goupil, Thierry Pigeanne, Frédéric Gagnadoux, Wojciech Trzepizur

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Residual apnoeas/sleepiness after an out-patient CPAP adaptation: a 10-year study.
Michele Vitacca (Lumezzane (Brescia), Italy), Beatrice Salvi, Carla Simonelli, Eugenio Vitacca, Giuseppina Gaia, Paola Andreoni, Nicolino Ambrosino, Mara Paneroni

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Predictors of residual sleepiness in CPAP treated obstructive sleep apnea
Mirjam Elisa Ljunggren (Uppsala, Sweden), Magnus Ekström, Össur Ingi Emilsson, Ludger Grote, Josefin Sundh, Jenny Theorell-Haglöw, Andreas Palm

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Differences in access to PAP treatment for obstructive sleep apnea (OSA) in Europe
Jean-Louis Pépin (Grenoble, France), Joëlle Texereau, Sébastien Bailly, Cariosa Ricordeau, Marie Lambert, Emilie Bailbled, Raoua Ben Messaoud, Sarah Alami

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Medical and home-based follow-up pathways for PAP-treated OSA patients across Europe
Jean-Louis Pépin (Grenoble, France), Joëlle Texereau, Sébastien Bailly, Cariosa Ricordeau, Marie Lambert, Emilie Bailbled, Raoua Ben Messaoud, Sarah Alami

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Assessments of Hybrid Personalised Support Plans to Improve Positive Airway Pressure Adherence
Sarah Alami (Bagneux, France), Paula Pinto, Gustavo Reis, Fatima Teixeira, Vania Caldeira, Bebiana Conde, Hélène Pasche, Henry Taupin, Ana Simoes, Sylvie Blais, Ceu Mateus, Joaquim Moita, Joëlle Texereau

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Adherence to CPAP in randomised controlled trials in obstructive sleep apnoea - a meta-analysis and investigation of predictors
Lara Benning (Zurich, Switzerland), Zoe Bousraou, Matteo Bradicich, Silvia Ulrich, Esther Irene Schwarz

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Observational Study on CPAP Compliance and Associated Factors in Patients Over 80 Years Old with Obstructive Sleep Apnea
Elena Condorelli (Malaga, Spain), Miguel Benitez-Cano Gamonoso, Alberto Alvarez Napoles, Sara Sanchez Martin, Mercedes Segura Romero, Eva Cabrera Cesar, Jose Luis Velasco Garrido

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A Comparative Cloud-Based View of Adherence Data Over One Year of CPAP vs. APAP Use in OSA Patients: Adherence Depends on PAP Device
Diptendu Dey (West Bengal, India), Beauty Biswas, Arup Halder, Shyam Krishnan, Raja Dhar, Milind Sovanimsovani

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Obstructive sleep apnea syndrome: Impact of Titration location on CPAP Compliance
Ines moussa (ariana, Tunisia), chaima baya, Hana Mrassi, Ameni Hamdi, Bacem Medini, Leila El Gharbi

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EVALUATION OF HOME TITRATION VS TELEMONITORING CONSULTATION
Alejandra Roncero Lazaro (Logroño (La Rioja), Spain), Amaia Perez De Nanclares Saez, María Torres Muga, María Dolores Ramirez Martinez, Mariola Bretón Ruiz, Marta Cristeto Porras, María Aguado Agudo, Paula Vicente Hernando, Jorge Lázaro Galán, Carlos Ruiz Martinez

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One year of CPAP treatment follow-up through a remote medical centre in patients with obstructive sleep apnea: a randomized controlled trial
Salvatore Mancuso (Gravina di Catania (CT), Italy), Andrea Renda, Antonella Ficili, Chiara Pasquali, Domenico Caratozzolo, Carlo Vancheri, Lucia Spicuzza

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Self-initiated CPAP is equally effective compared to face-to-face CPAP-initiation with suitable patient selection
Karissa Kärtevä (Porvoo, Finland), Linda Nissi, Helene Gräsbeck, Tiina Aalto, Heikki Ekroos

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Clinical Experience with the AirCurve 10 Vauto in Treating Obstructive Sleep Apnoea
Teresa Bretos (Bilbao, Spain), Amaia Urrutia Gajate, Sonia Castro Quintas, Laura Cancelo Diaz, Sandra Pedrero Tejada, Cristina Mosquera Fernandez, Cristina Valverde Novillo, Aitziber Astoreca Martindez, Valentin Cabriada Nuño

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Clinical impact of customised positive airway pressure (PAP) therapy interfaces (3DPiPPIn): a randomised controlled trial
Stephanie K. Mansell (Guildford (Surrey), United Kingdom), Oliver Olsen, Francesca Gowing, Deborah Ridout, Cherry Kilbride, Stephen Hilton, Eleanor Main, Swapna Mandal, Silvia Schievano

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Crudle nasal masks as first line interfaces for CPAP treatment in OSA patients: preliminary results of a retrospective observational study
Beatrice Tani (Roma, Italy), Andrea Lanza, Marta Marin, Miriam Celeste Viganò, Salvatore Longobardi, Chiara Bertonazzi, Paolo Tarsia

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Factors affecting the follow up of patients with obstructive sleep apnea
Zlatina Ivanova (Pleven, Bulgaria), Nikolay Kyuchukov, Yavor Ivanov

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PS-11 Session 12:30 - 14:00

Poster session: Exploring novel dimensions in the management of sleep-disordered breathing

Disease(s) : Sleep and breathing disorders Airway diseases Interstitial lung diseases

Method(s) : Public health General respiratory patient care Physiology Pulmonary function testing Pulmonary rehabilitation

Chairs : Maria José Araújo Cunha Guimarães (Palmeira – Stº Tirso, Portugal), Matteo SICILIANO (ROMA, Italy)

Effectiveness of Pulmonary Rehabilitation with Positive Airway Pressure in Obstructive Sleep Apnea: A Randomized Controlled Trial
Kirti Kadian (Rohtak , India), Prakhar Agarwal, Alkesh Kumar Khurana, Abhishek Goyal, Abhinav Choubey

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Mask sealing characterization through test bench using thermal imaging.
Baptiste Rouchié (Bagneux, France), Lola Granger, Marie Lambert, Mary Schmitt

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Changes in CPAP pressure during one month titration via telemonitoring in patients with obstructive sleep apnea
Clarissa Rizzo (Catania, Italy), Eugenio Spagnolo, Domenico Caratozzolo, Antonella Ficili, Salvatore Mancuso, Antonio Privitera, Cristina Gangemi, Carlo Vancheri, Lucia Spicuzza

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Prediction of CPAP Pressure:A Cost-Effective Approach for Obstructive Sleep Apnea Management in developing countries like India.
Manish Yadav (Mumbai, India), Jairaj P Nair

OSA risk in community dwelling insular Greek older adults correlates with ZJU index: results from the cross-sectional Laskaratos study in Kefalonia.
Stefanos Athanasios Giannopoulos (Larisa, Greece), Fotini Debonera, Eleftherios Papazoglou, Loukas Zilfidis, Anastasia I. Spyratou, Eleftheria-Marina Koukia, Petros Kassas, Gerasimoula Stathatou, Nikos Montesantos, Sotirios G. Zarogiannis

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Impact of acute exacerbations in chronic obstructive pulmonary disease on the quality of sleep
Imen Touil (Mahdia, Tunisia), Ben Soussia Rim, Sdiri Amel, Ksissa Souhir, Hannachi Ines

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Sarcopenic obesity in OSA and OHS patients
Andraž Jug (Ponikva, Slovenia), Kristina Ziherl, Jurij Koželj, Tatjana Kosten, Borut Benko, Irena Šarc

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Treatment of Obstructive Sleep Apnea with Inhalation of CO2 Using a Novel Device
Zhiqiang Chen (GUANGZHOU, China), Baiting He, Haiying Xu, Qihua Zhu, Lu Wang, Shanfeng Liang, Hao Chen, Feng Li, Joerg Steier, Peter G Catcheside, Andrew Wellman, Danny J. Eckert, Michael I. Polkey, Yuanming Luo

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Endotypic traits of hypopnea-predominant obstructive sleep apnea: the role of hypopnea definition
Liang-Wen Hang (Taichung, Taiwan), Wan-Ju Cheng, Eysteinn Finnsson, Jón S. Ágústsson, Scott A Sands

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Effect of instrumental music on sleep quality in breast cancer patients undergoing chemotherapy
Bharati Mehta (Jodhpur, India), Ritika Sharma, Puneet Pareek, Pooja Ojha, Prasunpriya Nayak

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THE IMPACT OF DIFFERENT OXIMETRY DEVICES (OD) ON MONITORING SLEEP DISORDERS BREATHING (SDB): IMPLICATIONS FOR CLINICAL DECISION-MAKING
Raffaella Pagliaro (Alvignano, Italy), Joerg Steier, Rebecca F. D'Cruz, Eui-Sik Suh, Saba Bokhari, Michelle Ramsay, Shelley Srivastava, Khaled Alarfi, Georgios Kaltsakas, Nicholas Hart, Patrick B. Murphy

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Respiratory effort-driven mouth opening causes unintentional air leaks during PAP therapy
Jean-Benoit Martinot (Namur, Belgium), Nhat-Nam Le-Dong, Didier Clause, Atul Malhotra, Jean-Louis Pépin

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Implementation of a quality improvement process (QIP) to improve sleep study analysis waiting times
Trish Matharu (Walsall (West Midlands), United Kingdom), Joanna Shakespeare, Vicky Moore, Edward Parkes

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Symptomatic and healthcare burden of obstructive sleep apnoea: A retrospective study
Maryana Jahangir (London, United Kingdom), Summia Hussain, Mei Lam, Ryan Syed

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Follow-up strategy for CPAP treatment in patients with Down syndrome and Obstructive Sleep Apnea
Ariadna Farre Maduell (barcelona, Spain), Patricia Peñacoba Toribio, Inés Podzamczer Valls, Vera Marcela Lugo Arrua, Marta Gutiérrez Rouco, Marta Blanco Béjar, Marta Aguilera Molina, Ana Fernández Arcoes, Ana Mª Fortuna Gutiérrez, Sandra Giménez Badía

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Integrating Overnight Pulse Oximetry as a Screening Tool for Sleep-Disordered Breathing: A Quality Improvement Initiative
Punitha Vairamani (Macroom (Co Cork), Ireland)

Eating window, weight loss, glucose balance and insomnia symptoms
Petri Ojala (Turku, Finland), Matti Kaisti, Jukka-Pekka Sirkiä, Ulla Anttalainen, Tarja Saaresranta

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Should Systematic Pulmonary Function Testing Be Performed in Patients with OSA?
Mahdi Martani (Constantine, Algeria), Mohamed Kheireddine Bourahli, Mohamed Bougrida

A performance validation of six commercial wrist-worn wearable devices for sleep stage scoring compared to polysomnography
An-Marie Schyvens (Edegem, Belgium), Nina Van Oost, Brent Peters, Jean-Marie Aerts, Federica Masci, An Neven, Hélène Dirix, Geert Wets, Veerle Ross, Johan Verbraecken

Impact of reimbursement on adherence to OSA treatment in western Romania
Norbert Wellmann (TIMISOARA, Romania), Ovidiu Fira-Mladinescu, Andreea Roxana Durdan, Monica Steluta Marc

PS-34 Session 12:30 - 14:00

Poster session: What's new in connective tissue disease-associated interstitial lung diseases?

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Imaging General respiratory patient care Pulmonary function testing Endoscopy and interventional pulmonology

Chairs : Marta Garcia Moyano (Barakaldo, Spain)

Mortality associated with Interstitial Lung Disease (ILD) in patients with Connective Tissue Disease (CTD) in France
Vincent Cottin (Lyon, France), Yurdagül Uzunhan, Pierre-Louis Lleu, Stéphane Bouée, Theo Cerceau, Chloé Grimal, Laurent Arnaud

Validity of kings brief interstitial lung disease questionnaire in connective tissue disease associated interstitial lung disease
Matthew Wells (Bristol, United Kingdom), John D Pauling, Elana J Bernstein, Saskia Williams, Giles Dixon, Huzaifa I Adamali, Shaney L Barratt

Interobserver Agreement and Diagnostic Accuracy of Lung Ultrasound for Interstitial Lung Disease diagnosis in Rheumatoid Arthritis
Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina), Nerina Rodriguez Gianbagli, Daniela Camargo, Adrian Gaser, Edgardo Sobrino, Silvia Quadrelli

Stable ILD as a predictor of survival in CTD
Phuong Phuong Diep (Oslo, Norway), Emily Langballe, Magdalena Maria Aabel, Natasha Moe, Mona Lovise Talaro Ramsli, Henrik Mangseth, Ragnar Gunnarsson, Asad Ali Chaudhary, Øyvind Midtvedt, Helena Andersson, Trond Mogens Aaløkken, Øyvind Molberg, Are Martin Holm, Anna-Maria Hoffmann-Vold, Michael Thomas Durheim

Predictors of stability in CTD-ILD
Phuong Phuong Diep (Oslo, Norway), Emily Langballe, Magdalena Maria Aabel, Natasha Moe, Mona Lovise Talaro Ramsli, Henrik Mangseth, Ragnar Gunnarsson, Asad Ali Chaudhary, Øyvind Midtvedt, Helena Andersson, Trond Mogens Aaløkken, Øyvind Molberg, Are Martin Holm, Michael Thomas Durheim, Anna-Maria Hoffmann-Vold

The clinical significance of bronchiectasis in IPF and RA-ILD: a retrospective analysis
Jakob Raith (Hildesheim, Germany), Jannik Ruwisch, Leonard Knegendorf, Jonas Christian Schupp, Theresa Graalmann, Jan Fuge, Sabine Dettmer, Felix Christian Ringshausen, Jessica Rademacher, Benjamin Seeliger

RAID – Rheumatoid Arthritis associated- Interstitial lung disease Definition study: preliminary results
Anna Denis (Liège, Belgium), Monique Henket, Anne-Noëlle Frix, Fanny Gester, Olivier Malaise, Clio Ribbens, Julien Guiot

Pulmonary vessel-related structures on high-resolution computed tomography predict the rapid progression and prognosis of idiopathic inflammatory myopathies-related interstitial lung disease
Yuhui Qiang (Beijing, China)

Longitudinal quantitative thoracic imaging in idiopathic inflammatory myopathy-associated interstitial lung disease: phenotypic dynamics and subtype stratification
Yuhui Qiang (Beijing, China)

Integrated assessment of CT fibrosis volume and pulmonary function for progressive pulmonary fibrosis in connective tissue disease associated interstitial lung disease (CTD-ILD)
Won Bae (Seongnam-si, Republic of Korea), Kyongmin Sarah Beck, Ji Weon Lee, Yong Suk Jo

Correlation between nail-fold capillaroscopy findings and severity of autoimmune disease-associated interstitial lung disease: A cross-sectional analytical study
Ganesh Sanjan (Samba, India), Saikat Banerjee, Prakhar Sharma, Jyoti Sethi, Naveen Kumar Kansal, Poonam Sherwani, Girish Sindhwani

Small airway disease in rheumatoid arthritis
Madeleine Scrivener (Woluwe st pierre, Belgium), Benoît Ghaye, Marie Perrot, Marie Doyen, Stéphanie Dierckx, Patrick Durez, Giuseppe Liistro, Antoine Froidure

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Transbronchial lung cryobiopsy in CTD-ILD: correlation between histological and functional outcomes
Simone Petrarulo (Padova, Italy), Alessandra Ria, Sara Piciucchi, Stefano Oldani, Alessandra Dubini, Claudia Ravaglia, Venerino Poletti

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Radiographic patterns and signs of fibrosing interstitial lung diseases: overlooked clues for autoimmune pulmonary manifestations
Fernanda Ines Hernandez Gonzalez (Barcelona, Spain), Claudia Moreno Díaz, Mariana Benegas, Marcelo Sanchez, Nancy Perez-Rodas, Xavier Alsina-Restoy, Lurdes Planas, Alejandro Frino-Garcia, Sergio Prieto-Gonzalez, Ignasi Rodriguez-Pinto, Estibaliz Ruiz, Jose A. Gomez-Puerta, Jacobo Sellares

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Incidence of Rheumatoid-Associated Interstitial Lung Disease in Patients Receiving Janus Kinase Inhibitors: A Retrospective Cohort Study
Fraser Glass (Glasgow, United Kingdom), David Anderson, Islay Morrison, Meng May Chee, Geeshath Jayasekera, Gage Willox, Aurelie Najm

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Integrating Multidisciplinary Expertise in the Management of Connective Tissue Disease-Associated Interstitial Lung Disease: Experience from a Quaternary Care Hospital
Carlos Matiz (Bogotá, Colombia), Isabel Hernandez, Laura Diaz, Maria Jose Contreras, Bibiana Pinzon, Angela Moreno, Alvaro Morales, Angela Aguirre, Olga Milena Garcia, Ana Baldion, Diana Palacios, Diana Canon, Paul Mendez, Gerardo Quintana, Monique Chalem, Camila Borda

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Regular HRCT is key to early detection of ILD progression in SSc
Anna Maria Hoffmann-Vold (Oslo, Norway), Liubov Petelytska, Håvard Fretheim, Trond Mogens Aaløkken, Oliver Mike Becker, Hilde Jenssen Bjørkekjære, Cathrine Brunborg, Cosimo Bruni, Christian Clarenbach, Phuong Phuong Diep, Rucsandra Dobrota, Michael T Durheim, Muriel Elhai, Thomas Frauenfelder, Emily Langballe, Øyvind Midtvedt, Natascha Moe, Carina Mihai, Adela-Cristina Sarbu, Marco Sprecher, Øyvind Molberg, Oliver Distler

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ILD in Sjögren disease is frequently progressive across all HRCT pattern
Anna Maria Hoffmann-Vold (Oslo, Norway), Marco Sprecher, Kastriot Kastriot, Cosimo Bruni, Bojana Müller-Durovic, Thomas Frauenfelder, Christian Clarenbach, Emily Langballe, Håvard Fretheim, Natascha Moe, Helena Andersson, Phuong Phuong Diep, Øyvind Molberg, Cathrine Brunborg, Trond Mogens Aaløkken, Paul Studenic, Helmut Prosch, Helga Radner, Oliver Distler

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Clinical trajectories and outcomes of progressive pulmonary fibrosis in connective tissue disease associated interstitial lung disease (CTD-ILD)
Jeewon Lee (Seoul, Republic of Korea), Ahran Kim, Jung Hyun Nam, Jong Min Lee, Yong Suk Jo

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Analysis of predictors of lung function decline in patients with systemic sclerosis associated ILD (SSc-ILD): data from the German Network for Systemic Sclerosis.
Francesco Bonella (Essen, Germany), Pia Moinzadeh, Jitmi Weliwitage, Gabriela Riemekasten, Jörg Henes, Norbert Blank, Marc Schmalzing, Gabriele Zeidler, Claudia Günther, Anette Alberding, Ilona Jandova, Jan Ehrchen, Gernot Keyßer, Margitta Worm, Alexander Kreuter, Ulf Müller-Ladner, Aaron Juche, Jörg Distler, Nicolas Hunzelmann, Michael Kreuter

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PS-8 Session 12:30 - 14:00

Poster session: Tracing respiratory disease trajectories: from early origins to late-stage pathology

Disease(s) : Thoracic oncology | Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Public health | Pulmonary function testing | Physiology | General respiratory patient care

Chairs : Chair to be confirmed

Deciphering early-stage mechanisms of progressive pulmonary fibrosis through single-cell and spatial profiling
Huijuan Wang (Bern, Switzerland), Klara Schnyder, Cheryl Magnin, Joshua Roos, Hanne Voet, Matthias Brunner, David Ferreira, Sara Krättli, Manuela Funke-Chambour, Remy Bruggmann, Adela-Cristina Sarbu, Janina Wolf, Stijn Verleden, Britta Maurer, Janine Gote-Schniering

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Disease agnostic protein biomarker discovery platform facilitating single-molecule detection, and detection of post-translational modifications
Åsa Wheelock (Stockholm, Sweden)

Targeted integration of multi-omic markers for eosinophilic and neutrophilic asthma
Khezia Asamoah (London, United Kingdom), Nazanin Zounemat Kermani, Kian Fan Chung, Ruben Colindres Zuehlke, Pankaj Bhavsar, Ian Adcock, Dragana Vuckovic, Marc Chadeau Hyam

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Enhancing Immunotherapy in Advanced NSCLC: A Meta-Analysis of Metabolic Modulators and Immune Checkpoint Blockade
Hassan Tariq (Faisalabad, Pakistan), Daanyal Siddiqui, Abdullah Khan

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Towards a better differential diagnosis of interstitial lung disease associated with connective tissue diseases and idiopathic pulmonary fibrosis: TGFB isoforms as promising biomarkers
Verónica Pulito-Cueto (Santander, Spain), Joao C. Batista-Liz, David Iturbe-Fernández, Victor M. Mora-Cuesta, Sheila Izquierdo Cuervo, Belén Atienza-Mateo, Ricardo Blanco, Raquel López-Mejías, José M. Cifrián

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Association between asthma symptom control and omics in the U-BIOPRED cohort
Joana Antão (Aveiro, Portugal), Guilherme Rodrigues, Nazanin Zounemat-Kermani, Paolo Montuschi, Qichen Deng, Frits M. E. Franssen, Ian M. Adcock, Sven-Erik Dahlén, Scott S. Wagers, Martijn A. Spruit, Alda Marques, On Behalf Of The U-Biopred Study Group

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Mechanisms of Resistance to Immune Checkpoint Inhibitors in Advanced Lung Cancer: Insights from a Meta-Analysis of Biomarkers and Combination Therapies
Hassan Tariq (Faisalabad, Pakistan), Daanyal Siddiqui, Abdullah Khan

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Epithelial-mesenchymal transition (EMT) changes in patients with LAM and IPF
Wenying Lu (Newnham, Australia), Affan Mahmood Shahzad, Jade Jaffar, Glen Westall, Darren Sutherland, Rama Satyanarayana Raju Kalidhindi, Nimesha De Fonseka, Venkatechalem Sathish, Greg Haug, Tillie L Hackett, Sukhwinder Singh Sohal

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LSC - 2025 - Targeting the Fibrotic Phase of Diffuse Alveolar Damage: Early Pathways for Post-COVID-19 pulmonary fibrosis
Sabrina Setembre Batah (Toronto, Canada), Andrea Herrera, Wagner Telini, Amin Ektesabi, Chirag Vaswani, Claudia Dos Santos, Tales De Nadai, Marcel Santos, Alexandre Fabro

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Genetic variants underpinning lung function decline in the Lifelines cohort study
Rui Marçalo (Aveiro, Portugal), Corry-Anke Brandsma, Peter J. Van Der Most, Alda Marques, Gabriela R. Moura, Maarten Van Den Berge, Judith M. Vonk, Maaike De Vries

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Molecular investigation of surfactant related genes in interstitial lung disease: results from 699 unrelated children and young adults. A CRC chILDEU study
Camille Louvrier (Paris, France), Nadia Nathan, Vincent Cottin, Tifenn Desroziers, Valérie Nau, Yohan Soreze, Florence Dastot-Le Moal, Philippe Reix, Diane Bouvry, Caroline Thumerelle, Martine Reynaud-Gaubert, Alice Hadchouel, Grégoire Prévot, Effrosyni Manali, Caroline Kannengiesser, Ibrahima Ba, Serge Amselem, Véronique Houdouin, Raphaël Borie, Marie Legendre

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Potential drivers of EndMT in pulmonary arteries of patients with early COPD
Wenying Lu (Newnham, Australia), Prem Bhattarai, Ashutosh Hardikar, Archana Vijay Gaikwad, Surajit Dey, Affan Mahmood Shahzad, Stephen Myers, Andrew Williams, Darren Sutherland, Gurpreet Kaur Singhera, Tillie L Hackett, Mathew Suji Eapen, Sukhwinder Singh Sohal

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Clinical and molecular profiles of eosinophilic inflammation in childhood- and adult-onset asthma
Freda Yang (London, United Kingdom), Kian Fan Chung, Takehiro Hasegawa, Wafaa Shehada, Chloe I Bloom, Ian M Adcock, Nazanin Zounemat-Kermani

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Alterations in bronchial epithelial mRNA and miRNA expression in early adulthood of preterm born with a history of bronchopulmonary dysplasia (BPD) differes from that of healthy and asthmatics
Åsa Wheelock (Stockholm, Sweden), Martina Bonatti, Nicole Wagner, Iryna Kolosenko, Petra Um-Bergström, Eva Berggren-Broström, Magnus Sköld

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Spatial Transcriptomics Profiling and Bulk RNA Sequencing to Assess Niches in End-Stage Silicosis
Nebal Abu Hussein (Basel, Switzerland), Taylor Adams, Sabina Anderson, Mordechai Kramer, Fadi Nikola, Robert Robert, Abderrahman Najjar, Prapti Sharma, Luning Yang, Yuening Zhang, Xiting Yan, Barak Pertzov, Naftali Kaminski

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Spatiotemporal trajectory of B cells in lymphoid follicle of COPD
Hao Chen (Sydney (NSW), Australia), Joselyn Rojas Quintero, Sobia Idrees, Vrushali Chimankar, Francesca Polverino, Alen Faiz, Philip Hansbro

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PS-35 Session 12:30 - 14:00

Poster session: Rare interstitial lung diseases: genetics, atypical aetiologies and novel mechanisms

Disease(s) : Interstitial lung diseases Respiratory critical care Airway diseases Thoracic oncology

Method(s) : Cell and molecular biology Physiology Respiratory intensive care Imaging Pulmonary function testing Epidemiology General respiratory patient care Transplantation

Chairs : Ilias Dimeas (Larissa, Greece), Chair to be confirmed

Hydrops fetalis, diffuse lung disease, lymphoedema and haemangiomas as leading symptoms in children with a biallelic pathogenic variants in the THSD1 gene
Sandra v. Hardenberg (Hannover, Germany), Jonas Niedenthal, Tobias Linden, Viola Lindenthal, Nadia Ehmke, Felix Boschann, Sarina Schwartzmann, Susanne Lau, Wendt Anke, Ute Grasshoff, Martin Wetzke, Bernd Auber, Nicolaus Schwerk, Katharina Schütz

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SFTPA1 and SFTPA2 defects associated with interstitial lung disease are not always missense variations, a chILDEU study
Tifenn Desroziers (Paris, France), Yohan Soreze, Valérie Nau, Bruno Crestani, David Drummond, Clairelyne Dupin, Raphaël Borie, Martine Reynaud-Gaubert, Killian Hurley, Florence Dastot Le Moal, Serge Amselem, Marie Legendre, Camille Louvrier, Nadia Nathan

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LSC - 2025 - Exploring the antifibrotic potential of the heparan sulfate mimetic OTR4120
Manuela Marega (Giessen, Germany), Najet Mejdoubi-Charef, David Wiegard, Muzamil Majid Khan, Marek Bartkuhn, Laura Gambs, Tara Procida-Kowalski, Jochen Wilhelm, Esmeralda Vasquez-Pacheco, Afshin Noori, Ying Dong, Yi Zheng, Xuran Chu, Arun Lingampally, Joanna Zukowska, Said Charef, Franck Chiappini, Agnes Choppin, Dulce Papy Garcia, Rainer Pepperkok, Thomas Muley, Hauke Winter, Clemens Ruppert, Werner Seeger, Andreas Günther, Denis Barritault, Chengshui Chen, Cho-Ming Chao, Stefano Rivetti, Saverio Bellusci

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HPS4 bi-allellic ultra-rare variants in Hermansky-Pudlak syndrome pulmonary fibrosis patients in Greece, Cyprus and Türkiye
Effrosyni D. Manali (Athens, Greece), Ibrahima Ba, Lykourgos Kolilekas, Vincent Michaud, Frangiskos Frangopoulos, Paschalis Steiropoulos, Tonia Adamide, Nesrin Mogulkoc, Andriana I Papaioannou, Gilmaz Batzak, Olga Katsarou, Ioanna Anastasopoulou, Maria Kallieri, Burak Gökçe, Raphael Borie, Apostolos Malatras, Dionysios Fanidis, Lidwine Wemeau, Elvira-Markela Antonogiannaki, Vasiliki Apollonatou, Bruno Crestani, Resat Cinar, Constantinos Deltas, Benoît Arveiler, Caroline Kannengiesser, Spyros A Papiris

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Clinical, functional, radiological, and genetic characteristics in ILD patients with suspected genetic predisposition: Data from a regional UK familial interstitial pneumonia service
Trishala Raj (Leeds, United Kingdom), Jack Callum, Jonathon Shaw, Bavithra Vijayakumar, Laurence Pearmain, Stefan Stanel, Pilar Rivera-Ortega

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Adulthood fibrotic Interstitial Lung Disease secondary to mutations in Surfactant Related Genes: a systematic review.
Claudio Tirelli (Vaiano Cremasco (CR), Italy), Stefano Sanduzzi Zamparelli, Sabrina Mira, Marta Italia, Paola Rebecca Iovine, Fausta Alfano, Michele Mondoni, Stefano Centanni, Marialuisa Bocchino

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Interstitial lung disease: a 2-year-old child with ABCA3 deficiency treated by CFTR potentiators
François-Pierre Counil (Sherbrooke, Canada), Virginie Plante, Sébastien Lévesque, Jacques Michaud, Nadia Nathan, Helen Vlachos, Mario Eddy Dumas

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Male patients with DKC1 pathogenic variants present pulmonary fibrosis at a young age and severe prognosis
Quentin Philippot (Paris, France), Ophélie Evrard, Ibrahima Ba, Marie Pierre Debray, Alice Guyard, Emilio Zahonero, Hilario Nunes, Vincent Bours, Héléne Morel, Adrien Fattori, Armelle Schuller, David Montani, Julien Sausserau, Abdellatif Tazi, Abdelaziz Chaib, Emilie Bertoux, Julie Traclet, Vincent Cottin, Adrien Daniel, Xu Yan-Min, Elodie Lainey, Malika Chelbi Viallon, Claire Oudin, Bruno Crestani, Raphaël Borie, Caroline Kannengiesser

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“Bubbly lung”, a honeycombing variant with more favorable outcome.
Vasilios Tzilas (Athens, Greece), Thomas Hartman, Antonios Charokopos, Paul Decker, Jay Ryu

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Histopathological and radiological assessment of Pulmonary Amyloidosis: A comprehensive five-year analysis
Amritha S M (New Delhi, India), Shraddhanjali Satapathy, Sunil Kumar Mallick, Adarsh Barwad, Prabhat Singh Malik, Anant Mohan, Aruna Nambirajan, Deepali Jain

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Serum Amyloid A released by lung fibroblasts as novel biomarker of exacerbation of lung fibrosis
Lara-Kristin Steinmetz (Hannover, Germany), Benjamin Seeliger, Tina Röpke, Franziska Aschenbrenner, Regina Maus, David S Deluca, Svenja Gaedcke, Andreas Pich, Lars Knudsen, Lavinia Neubert, Antje Prasse, Martin Kolb, Ulrich A. Maus

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The potential role of radiomics in interstitial lung disease associated with systemic sclerosis (ILD-SSc)
Loredana Carobene (Bussolengo, Italy), Angela Ventura, Susanna Baltieri, Stefania Montemezzi, Davide Gatti, Maurizio Rossini, Claudio Micheletto, Angelo Fassio

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Pulmonary mucosa associated lymphoid tissue lymphoma: Clinical and Imaging correlates
Vasilios Tzilas (Athens, Greece), Anne-Marie Sykes, Rebecca Lindell, Jay Ryu

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Deciphering the pathogenicity of NKX2-1 variants in ultra-severe forms of childhood interstitial lung diseases. A CRC chILDEU study.
Yohan SOREZE (Paris, France), Tifenn Desroziers-Louedec, Aurore Carré, Farah Diab, Aphrodite Daskalopoulou, Julie Starck, Valérie Naud, Marie Legendre, Sonia Athina Karabina, Véronique Houdouin, Aurore Coulomb L'Herminé, Camille Louvrier, Nadia Nathan

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Genetic Mutations in Familial Pulmonary Fibrosis: A Next Generation Sequencing (NGS) Study.
Simone Montini (Pavia, Italy), Vincenzo Alfredo Marando, Sara Lettieri, Mariachiara Crescenzi, Andrea Ripamonti, Lucrezia Pisanu, Francesco Rocco Bertuccio, Simone Cordoni, Davide Piloni, Francesca Mariani, Angelo Guido Corsico, Ilaria Campo

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mTOR dysregulation in DIPNECH – a viable therapeutic target?
Helen O'Brien (Ratoath, Ireland), Amina Jouida, Marissa O'Callaghan, Lisa Comerford, Maylis Alquier, Janet Mccormack, Niamh Boyle, Donal O'Malley, Julie Worrell, Alessandro N Franciosi, Michael P Keane, Adam J Byrne, Aurelie Fabre, Cormac Mccarthy

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PS-36 Session 12:30 - 14:00

Poster session: Pulmonary arterial hypertension: imaging, biomarkers, physiological parameters and their impact on prognosis

Disease(s) : Pulmonary vascular diseases

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Public health Physiology Imaging Pulmonary function testing Surgery

Chairs : Snezhana Ismagilova (Moscow, Russian Federation), Chair to be confirmed

Rethinking Normal: eRVSP Below 35mmHg and Mortality Risk
Inbal Shafran (Ra'anana, Israel), Amos Stemmer, Assi Milwidsky, Ofir Deri, Sagit Ben Zekry, Efrat Mazor Dray, Rafael Kuperstein, Elad Maor, Michael Segel

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Inflammation and obesity correlate in pulmonary hypertension but associate with diverging outcomes
Eckart de Bie (Cambridge, United Kingdom), Priscilla Correa-Jaque, Rowena Jones, Harm J Bogaard, Justine Chan, Colin Church, John G Coghlan, Akshay Gaur, Stefano Ghio, Hossein-Ardeschir Ghofrani, Ze Ming Goh, Luke S Howard, Marc Humbert, Gabor Kovacs, Allan Lawrie, James Lordan, Wei-Yu Lin, Dharshan Neelam-Naganathan, Joseph Newman, Christopher J Rhodes, Karen Sheares, Olivier Sitbon, Thomas W Willis, Stephen J Wort, Stefan Gräf, David Kiely, Raymond L Benza, Alex Rothman, Chris Wallace, Mark Toshner

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Survival predictors by race and ethnicity in pulmonary arterial hypertension
Nilsa Nunez (, United States), Nelson Villasmil Hernandez, Maria Maestre, Meagan Chavarria, Cassidy Smith, Sandeep Sahay

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Association of subclinical lung disease on HRCT with outcomes in pulmonary arterial hypertension
Justine Tin Nok Chan (Cambridge, United Kingdom), Eckart De Bie, Hakim Ghani, Joseph Newman, Kate Bunclark, Colin Church, Gerry Coghlan, Stefan Gräf, Luke Howard, David Kiely, Jim Lordan, Rob Mackenzie Ross, Karen Sheares, John Wort, Joanna Pepke-Zaba, Mark Toshner

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Cardiopulmonary hemodynamic determinants of long-term survival in sickle cell disease: insights from the ETENDARD study
Laurent Savale (Le Kremlin-Bicêtre, France), Thomas D'Humières, Athenais Boucly, Anoosha Habibi, François Lionnet, Bernard Maitre, David Montani, Olivier Sitbon, Xavier Jais, Gylna Loko, Jocelyn Inamo, Florence Parent, Gerald Simonneau, Frederic Galacteros, Pablo Bartolucci, Marc Humbert

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Noninvasive screening for surgery in congenital heart disease
Jie Wang (, China), Xingxing Sun, Tianran Zhou

Unaffected carriers of a pathogenic BMPR2 variant exhibit a distinct pro-inflammatory cytokine profile despite the absence of disease
Eszter Nóra Tóth (Amsterdam, Netherlands), Clarissa Becher, Carolina Janssen, Tobias Neumann, Jessie Van Wezenbeek, Aida Llucià-Valldeperas, Jan Willem Duitman, Harm Jan Bogaard, Marie Jose Goumans, Frances De Man

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The functional roles of peripheral blood mononuclear cells in pulmonary hypertension
Shun Sato (chiba, Japan), Ayako Shigeta, Keiko Yamamoto, Akira Naito, Ayumi Sekine, Toshihiko Suiura, Koichiro Tatsumi, Takuji Suzuki

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Pulmonary hypertension in patients with Noonan syndrome
Julien Grynblat (Paris, France), Mathieu Farges, Laurent Savale, Florence Coulet, Maria-Rosa Ghigna, Xavier Jais, Athenais Boucly, Marilyne Levy, Fabrice Antigny, Olivier Meyrignac, Olivier Sitbon, Marc Humbert, Pascal Magro, Damien Bonnet, David Montani

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From sit to stand: A simple test predicts adverse outcomes in pulmonary hypertension
Christina Kronberger (Vienna, Austria), Roya Anahita Mousavi, Nikita Ermolaev, Robin Willixhofer, Nima Rassoulpour, Musa Berdixan Kaya, Michael Poledniczek, Mahshid Eslami, Christoph Krall, Brigitte Litschauer, Mariusz Tadeusz Grzeda, Ian Mckenna, Roza Badr Eslam

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Strain-based right ventricular-pulmonary arterial coupling: Association with long-term mortality in pre-capillary pulmonary hypertension
Garvan Kane (Rochester, United States), Abdalla Salama, Ahmed Azzam, Annop Lekhakul, Ratnasari Padang, Vidhu Anand, Cristina Pislaru, Sorin Pislaru, Jeremy Thaden

Mortality of patients with pulmonary arterial hypertension in france: a nationwide study
charifa nazoiri (ST DENIS, France), Alain Weill, Antoine Beauvais, Mahmoud Zureik, Jérémie Botton, Nadia Haddy

Clinical outcomes of Pulmonary Arterial Hypertension with Iron Deficiency In King Chulalongkorn Memorial Hospital
Noppharut Yutthana (Bangkok, Thailand), Nattapong Jaimchariyatam, Nuntanuj Vutthikraivit

Long-term survival in idiopathic versus connective tissue disease-associated pulmonary hypertension; Croatian registry data
Marko Banić (Zagreb, Croatia), Feđa Džubur, Goran Glodić, Mateja Jankovic Makek, Kristina Krpina, Dina Mihelčić Korte, Tea Lovrić, Andreja Mocan, Mira Pevec, Lorna Radman, Dina Rnjak, Miroslav Samaržija, Ana Hećimović

Does mild to moderate pulmonary hypertension influence liver transplant outcomes?
Syed Murtaza Hassan Kazmi (Islamabad, Pakistan), Muhammad Ahmed Bajwa, Abdul Ahad, Muhammad Yaqoob Akhtar, Sajawal Hussain, Maliha Aziz, Muslim Atiq, Abu Bakar Hafeez Bhatti

Effect of Eccentric Cycling on Cerebral and Muscle Near-Infrared Spectroscopy in Patients with Pulmonary Hypertension and Healthy Individuals. A Randomized Controlled Crossover Trial.
Julian Müller (Zürich, Switzerland), Nico Sturzenegger, Simon R. Schneider, Michael Furian, Anna Titz, Esther I. Schwarz, Mona Lichtblau, Silvia Ulrich

Drugs and toxic-associated pulmonary arterial hypertension, prognosis and management in the current era of treatment: results from the REHAP registry
Laura Lago Lagunas (Madrid, Spain), Andrés Tenes Mayen, Susana Del Prado, Eva Gutiérrez, Joan A. Barbera, Raquel López Reyes, María Lázaro Salvador, Águeda Aurtenetxe, Pilar Escribano Subías, Isabel Blanco Vich

The effect of co-morbidity on treatment response and survival in patients with idiopathic pulmonary arterial hypertension in Scotland
Greg Bear (Glasgow, United Kingdom), William Kerrigan, Julia Thomas, Colin Church, Martin Johnson, Melanie Brewis

Peripheral microvascular endothelial function in pulmonary arterial hypertension.
Ricardo Jose Aguilar Colindres (Barcelona, Spain), Anna Sardiné, Clara Martin, Ana Ramírez, Rita Fernandez, Albert Riudor, Silvia Falco, Isabel Blanco, Joan Albert Barberà

Atrial and Brain Natriuretic Peptides Expression and Release in Right Heart Failure
Jessie van Wezenbeek (Amsterdam, Netherlands), Aida Llucià-Valldeperas, Anton Vonk Noordegraaf, Harm Jan Bogaard, Frances S. De Man

Elicium 1 Session 12:45 - 13:45

Joint session: Inhaler technique, training and technology: making a difference for our patients across the world

Aims : to update fellow physicians and health personnel on the challenges of choosing and using the proper inhaler for the proper patient globally and how technology can assist with this.

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Journalist

Chairs : Frans H.C. De Jongh (Enschede, Netherlands), Monbi Stefanova Chakma (London, United Kingdom)

12:45 **Choosing the right inhaler and implementing improved inhaler technique in the clinic**
Omar S. Usmani (London, United Kingdom)

13:00 **Digital technology to improve inhaler engagement and use**
Amy Hai Yan Chan (Auckland, New Zealand)

13:15 **Global perspectives in inhaler therapy: education, innovation, access and the environment**
Job F.M. van Boven (Groningen, Netherlands)

13:30 **Discussion and Q&A**
Speaker to be confirmed

Studio Session 13:00 - 13:45

Skills lab: Using ventilator download data and telemedicine in children with respiratory technology dependence

Disease(s) : Paediatric respiratory diseases

Tag(s) : Clinical

Chairs : Stijn Verhulst (Antwerpen, Belgium), Refika Hamutcu Ersu (Ottawa, Canada)

13:00	**Interpreting ventilator download data using waveforms** Sonia Khirani (Paris, France)
13:20	**Telemonitoring of children with respiratory technology dependence** Speaker to be confirmed
13:35	**Discussion and Q&A** Speaker to be confirmed

5B Session 13:45 - 15:15

Symposium: Global burden of neonatal and infants' respiratory diseases

Aims : to provide an overview of the epidemiology, risk factors, disparities and impact of neonatal and infant respiratory diseases at the global level; to present the challenges in reducing the global burden of respiratory care and ensuring equitable access to adequate care for neonates and young children with lung diseases; to bring together key opinion leaders, researchers and healthcare professionals in order to discuss the opportunities of novel technologies and global health strategies that can close the gaps in outcomes and access to care for neonates and infants with respiratory diseases across the globe.

Disease(s) : Paediatric respiratory diseases

Method(s) : Epidemiology Public health Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Clinical researcher, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Respiratory therapist, Journalist

Chairs : Emanuela Zannin (Monza (MB), Italy), Susanne Vijverberg (Amsterdam, Netherlands), Christopher Harris (London, United Kingdom)

13:45	**Global burden of neonatal respiratory distress**
14:00	**Global burden of neonatal and infant respiratory infections** Refiloe Masekela (Durban, South Africa)
14:15	**Equity-based preparedness and response actions to paediatric respiratory infections** Speaker to be confirmed
14:30	**Equitable access to respiratory support and oxygen therapy devices** Speaker to be confirmed
14:45	**Discussion and Q&A** Speaker to be confirmed

5D Session 13:45 - 15:15

Symposium: New markers in obstructive sleep apnoea: do they reflect the burden of disease in children and adults?

Aims : to demonstrate the relationship between polysomnographic measures and cardiovascular or neurocognitive outcomes in adults and children with obstructive sleep apnoea (OSA) and to address therapeutic effects on these consequences (two talks about adults, two talks about children, one about diagnostic markers and another about therapeutic effects); to identify predictors of favourable responses to continuous positive airway pressure (CPAP) in relation to cardiovascular morbidity; to compare the efficacy of CPAP for primary prevention versus secondary prevention of cardiovascular disease associated with OSA; to explain why caregiver-reported symptoms and OSA-related morbidity should likely take precedence over the apnoea-hypopnoea index (AHI) when making treatment recommendations for children with snoring; to describe the clinical challenges of using the AHI as a measure for defining residual OSA after adenotonsillectomy in children with snoring.

Disease(s) : Paediatric respiratory diseases Sleep and breathing disorders

Method(s) : General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Physiologist

Chairs : Manuel Sanchez De La Torre (Toledo, Spain), Athanasia Pataka (Thessaloniki, Greece)

13:45	**New diagnostic markers for OSA that reflect the disease burden in adults** Raphael Heinzer (Lausanne, Switzerland)
14:00	**Primary and secondary cardiovascular prevention in the context of OSA: what we know and what we need** Esther Irene Schwarz (Zürich, Switzerland)
14:15	**How to capture the disease burden in children with OSA** Refika Hamutcu Ersu (Ottawa, Canada)
14:30	**The AHI does not define phenotypes responsive to adenotonsillectomy in children with snoring** Athanasios G. Kaditis (Athens, Greece)
14:45	**Discussion and Q&A** Speaker to be confirmed

5C Session 13:45 - 15:15

Symposium: Global respiratory health and tobacco: challenges, impacts and pathways to a smoke-free future

Aims : to assess the global burden of respiratory diseases linked to tobacco use; to evaluate the impact of emerging tobacco products; to address inequities in respiratory health and tobacco control; to contribute to best practices for tobacco control policies.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Ulrike Gehring (Utrecht, Netherlands), Filippos T. Filippidis (Rickmansworth, United Kingdom), Rachel Ong-Salvador (Amsterdam, Netherlands)

13:45	**Challenges in implementing cessation policies to address the tobacco epidemic** María Felicia Montero Arias (San José, Costa Rica)
14:00	**Designing smoke-free cities for optimal respiratory health: innovations, policies and sustainable practices** Isabella Annesi Maesano (Montpellier, France)
14:15	**Addressing inequalities among smokers: bridging the gaps in health, access and outcomes** Stamatoula Tsikrika (Athens, Greece)
14:30	**Addressing the impact of second-hand smoking on asthmatic and chronic obstructive pulmonary disease patients** Chin Kook Rhee (Seoul, Republic of Korea)
14:45	**Discussion and Q&A** Speaker to be confirmed

Elicium 2 Session 13:45 - 15:15

Symposium: Interstitial lung diseases around the world
Cultural and regional differences

Aims : to increase knowledge and awareness among healthcare professionals about the diagnosis, management and impact of interstitial lung diseases (ILDs) and highlight differences between continents; to foster collaboration among pulmonologists, radiologists, pathologists, researchers and other specialists around the world in order to share insights and develop more effective treatment protocols; to discuss the reality and differences in continents in relation to patient care strategies that focus on improving quality of life, early diagnosis and personalised treatment plans based on individual disease progression and characteristics; to share clinical guidelines, case studies and best practices for the management of ILDs.

Disease(s) : Interstitial lung diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Palliative care

Tag(s) : Clinical, Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher

Chairs : Marlies S. Wijsenbeek (Rotterdam, Netherlands), Cormac McCarthy (Dublin 4, Ireland), Laura Fabbri (London, United Kingdom)

13:45	**Differences in prevalence and treatment of hypersensitivity pneumonitis worldwide** Carlos Alberto De Castro Pereira (São Paulo (SP), Brazil)
14:00	**Cultural differences in palliative care for patients with ILDs** Sabrina Bajwah (London, United Kingdom)
14:15	**Is there a regional difference in acute exacerbations of fibrosing ILDs?** Yasuhiro Kondoh (Seto (Aichi), Japan)
14:30	**Racial and ethnic disparities in treatment of ILDs** Ayodeji Adegunsoye (Chicago, United States)
14:45	**Discussion and Q&A** Speaker to be confirmed

7A Session 13:45 - 15:15

Respiratory medicine meets other disciplines: Right ventricular phenotypes in heart and lung disease

Aims : to discuss the physiology and pathophysiology of the right ventricle in different clinical circumstances, from chronic obstructive pulmonary disease and interstitial lung diseases to pulmonary hypertension associated with systemic diseases; to provide an overview of right heart function in the peripartum period of a patient with pulmonary hypertension.

Disease(s) : Pulmonary vascular diseases | Respiratory critical care

Method(s) : General respiratory patient care | Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physician in Pulmonary Training

Chairs : George Giannakoulas (Thessaloniki, Greece), Harm Jan Bogaard (Amsterdam, Netherlands)

13:45	**Cor pulmonale revisited** Gabor Kovacs (Graz, Austria)
14:00	**Right ventricular phenotypes in left heart disease** Stephan Rosenkranz (Köln, Germany)
14:15	**Tricuspid repair in the pressure-overloaded right heart. No or perhaps sometimes?**
14:30	**Right ventricular function in the peripartum period** Da-Hee Park (Hannover, Germany)
14:45	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 13:45 - 15:15

State of the art session: Respiratory infections

The importance of infection prevention and control to prevent transmission of respiratory infections

Aims : to outline how timely interventions like isolation of symptomatic patients, proper use of personal protective equipment and environmental controls can significantly reduce transmission of mycobacterial and viral respiratory infections; to clarify the lack of appropriate biomarkers for determining infectiousness of mycobacterial and viral respiratory infections; to discuss the importance of controlling drug-resistant pathogens like multidrug-resistant bacteria and drug-resistant tuberculosis, especially in relation to the rising threat of antimicrobial resistance in respiratory infections.

Disease(s) : Paediatric respiratory diseases | Respiratory critical care | Respiratory infections

Method(s) : General respiratory patient care | Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Onno Akkerman (Groningen, Netherlands), Markus Fally (Copenhagen, Denmark), Olha Konstantynovska (Kharkiv, Ukraine)

13:45	**Facing the challenges of curbing the transmission of tuberculosis** Giovanni Battista Migliori (Varese (VA), Italy)

14:00	**The impact of non-tuberculous mycobacteria in patients with underlying respiratory diseases** Mateja Jankovic Makek (Zagreb, Croatia)
14:15	**Viral point-of-care testing, prevention and patient cohorting** Clark Tristan (Southampton, United Kingdom)
14:30	**Antimicrobial resistance in respiratory infections: challenges** Eva Polverino (Barcelona, Spain)
14:45	**Discussion and Q&A** Speaker to be confirmed

5A Session 13:45 - 15:15

Clinical cases: Clinical challenges beyond guidelines

Aims : to describe the controversial aspects of the current guidelines for acute respiratory distress syndrome, mesothelioma, tuberculosis short regimens and resectability for N2 non-small cell lung cancer and selection criteria for the sequence of treatment allocation; to propose evidence-based substitute management recommendations for clinicians; to identify areas of concern; to highlight the need for further research; to explain the limitations of the guidelines in order to put them in perspective and clinical practice.

Chairs : Torsten Gerriet Blum (Berlin, Germany), Dragos Bumbacea (Bucuresti, Romania), Daiana Stolz (Freiburg, Germany)

13:45	**Limitations of acute respiratory distress syndrome guidelines, including question-and-answer session** Ana Cysneiros (Lisboa, Portugal)
14:07	**Weak points of modern guidelines for malignant pleural mesothelioma and future perspectives, including question-and-answer session** Nuria M. Novoa (Majadahonda, Spain)
14:29	**Overcoming barriers to access and implementing tuberculosis short regimens, including question-and-answer session** Lorenzo Guglielmetti (Paris, France)
14:51	**Standardised definition of resectability for N2 non-small cell lung cancer and selection criteria for sequence of treatment allocation. Variability between guidelines, including question-and-answer session** Alessandro Brunelli (Leeds (West Yorkshire), United Kingdom)

No Room Session 14:00 - 15:30

Ceremony and networking sessions: General Assembly

Chairs : Silke Ryan (Dublin, Ireland), Joanna Chorostowska-Wynimko (Warsaw, Poland)

Amtrium Session 14:15 - 15:30

Oral presentation: Best abstracts in respiratory physiotherapy

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Pulmonary function testing | Physiology

Chairs : Chair to be confirmed

Baseline dependent minimally important differences for clinical outcomes of pulmonary rehabilitation in patients with asthma
Roy Meys (Heerlen, Netherlands), Lennart Conemans, Frits Franssen, Miriam Groenen, Anouk Vaes, Bente Brauwers, Anouk Stoffels, Hieronymus Van Hees, Bram Van Den Borst, Dinette Agterhuis, Emiel Wouters, Lowie Vanfleteren, Chris Burtin, Martijn Spruit

Association Between Physical Activity and Fatigue Symptoms in Patients with COPD: Insights From a Longitudinal Study
Paulien Mellaerts (Leuven, Belgium), Heleen Demeyer, Simone Pancera, Victoria Alcaraz-Serrano, Paula Alvarez, Claudia Armengol, Astrid Blondeel, Joren Buekers, Sara C Buttery, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Alicia Josa-Culleré, Anja Frei, Elena Gimeno-Santos, Nick Hopkinson, Emily Hume, Carl-Philipp Jansen, Anne Kirsten, Sarah Koch, Dimitrios Megaritis, Alexis Perkins, Keir Philip, Milo A Puhan, Lynn Rochester, Ioannis Vogiatzis, Henrik Watz, Parris Williams, Judith Garcia-Aymerich, Thierry Troosters

Cutoff points for sedentary behavior and their capacity to predict mortality in individuals with COPD: a 12-year follow-up study
Thais Tofoli (Londrina, Brazil), Lais Santin, Humberto Silva, Letícia Medeiros, Anouk W. Vaes, Martijn A. Spruit, Karina Furlanetto, Fabio Pitta

The effects of inspiratory muscle training on muscle oxygenation exercise capacity peripheral muscle strength and fatigue in patients post-COVID-19 syndrome with pulmonary involvement
Başak Kavalcı Kol (Kırşehir, Turkey), Meral Boşnak Güçlü, Ece Baytok, Nilgün Yılmaz Demirci

Effectiveness of repeated pulmonary rehabilitation in patients with COPD
Jibril Mohammed (Kano, Nigeria), Sarah Houben-Wilke, Miriam Groenen, Frits Franssen, Rein Posthuma, Daisy Janssen, Martijn Spruit, Anouk Vaes

Effectiveness of Simeox® Therapy vs. Conventional Chest Physiotherapy in Non-Cystic Fibrosis Bronchiectasis Patients with Chronic Mucous Hypersecretion:A Multicenter Randomized Controlled Pilot Study
Joanna Miłkowska-Dymanowska (Łódź, Poland), Aleksander Kania, Wojciech J. Piotrowski, Milena Myszkiewicz, Paulina Katarzyńska, Tomasz Włoch, Katarzyna Papież, Karolina Marciniak, Laurent Morin, Adam J. Białas

Multi-domain cognitive function in COPD and matched controls: Baseline data from the COPD-HIIT randomised controlled trial
Johan Jakobsson (Umeå, Sweden), Dries Cops, Jonas Westman, Evelina Sund, Mattias Hedlund, Thomas Sandström, David Ruttens, Marc Daenen, Jana De Brandt, Chris Burtin, André Nyberg

Limitations of 6-minute walk test equations in predicting peak oxygen uptake and risk assessment in patients with pulmonary hypertension and chronic obstructive pulmonary disease.
Elena Gimeno-Santos (Barcelona, Spain), Vanessa Resqueti, Rodrigo Torres-Castro, Natalia Cardoso, Xavier Alsina-Restoy, Joan Albert Barbera, Isabel Blanco

Predictive equations for maximal respiratory pressures in children: a multicentre study
Margarita Barral-Fernández (Touro, Spain), María Amalia Jácome Pumar, Sonia Souto-Camba, Luz González-Doniz, María Antonia Ramón Belmonte, Marta Amor-Barbosa, Ane Arbillaga-Etxarri, Daniel Langer, Guillermo Mazzucco, Pilar Bravo Cortés, Tamara Del Corral, Rocío Martín-Valero, Carlos Llorca Cerdà, Fabiola Murcia Lillo, Jose Antonio Sanchez-Santos, Marina Francín-Gallego, Concepción Martín Cortijo, Esther García Delgado, Cristina Serrano Veguillas, Ana B. Varas De La Fuente, Paula San José Herranz, Carolina González Montañez, Guilherme A F Fregonezi, Rodrigo Torres-Castro, Mireia Pardàs Peraferrer, Jordi Vilaró Casamitjana, Angeles Fernandez- Cadenas, Antonio T Ríos-Cortes, María José Moreno Valera, Elena Gimeno-Santos, Ana Lista-Paz

Forum Session 14:15 - 15:30

Oral presentation: Messaging through extracellular vesicles

Disease(s) : Respiratory critical care | Interstitial lung diseases | Thoracic oncology | Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Pulmonary rehabilitation | General respiratory patient care | Physiology

Chairs : Susanne Gabrielsson (Stockholm, Sweden), Jonathan Baker (London, United Kingdom)

Lipid profile of extracellular vesicles and its role in Lymphangioleiomyomatosis progression
Lucas Dantas (Dublin, Ireland), Amina Jouida, Marissa O'Callaghan, Elizabeth Tarling, Evelyn Lynn, Adam Byrne, Michael Keane, Cormac Mccarthy

Proteomic profiling of serum exosomes reveals novel biomarker panels for asthma diagnosis
Jian Wu (Guangzhou (Guangdong), China), Jinle Lin, Xiaolong Liu, Yuehua Chen, Fang Wang, Zhongpeng Li

Expression and prognostic value of serum exosome let-7a and miR-155 combined lung function indexes in children with acute asthma attack
Kunpeng Yao (Chongqing, China)

Extracellular vesicles-associated tissue factor as a predictor of thrombotic risk and clinical outcomes in lung cancer patients: a prospective study
Elisabetta Casto (Pisa, Italy), Sara Cappelli, Marta Lomi, Alessandra Pagano, Giacomo Guglielmi, Stefano Paoli, Francesco Tannura, Alessio Gregori, Gino Solitro, Antonio Raffaele Abate, Irene Giacomelli, Rita Lodovichi, Tommaso Neri, Marta Pagnini, Andrea Sbrana, Antonio Chella, Alessandro Celi, Roberta Pancani

Mechanical ventilation induces kidney dysfunction via extracellular vesicles
Laura Michalick (Berlin, Germany), Julia Naujox, Juliana Roeder, Wolfgang M. Kuebler

Mesenchymal Stromal Cells Extracellular Vesicles mitigate epithelial senescence in ARDS through mitochondrial transfer
Johnatas Silva (Rio de Janeiro, Brazil), Catherine Mcclintock, Dayene Caldeira, Danny F Mcauley, Cecilia O´kane, Anna Krasnodembskaya

Exercise Training Regulates Long RNA Profiles in Serum Extracellular Vesicles (EVs) of Long COVID Patients
Asghar Abbasi (Torrance, United States), Nate Hansen, Joanna Palade, Bessie Meechoovet, Krystine Garcia Mansfieled, Richard Casaburi, Patrick Pirrotte, William W. Stringer

Self-Propagating Neutrophil-Derived Pathogenic Extracellular Vesicles Drive Chronic Inflammation and Emphysema in COPD
Kristopher Genschmer (Birmingha,, United States), Ningyong Xu, Crystal Lewis, Julian Smith, Delores Stacks, Ezgi Sari, Robert Richter, Liliana Viera, Dakota Finley, Matthew Madison, Amit Gaggar, J.Edwin Blalock, Camilla Margaroli

Extracellular vesicles from COPD cells exhibit a miRNA profile that could spread senescence
Justine Devulder (London, United Kingdom), Peter Fenwick, Lina Odqvist, Lisa Oberg, Louise Donnelly, Peter Barnes

Fibroblast Activation into Cancer-Associated Fibroblasts by Small Extracellular Vesicles from EGFR-Mutated Adenocarcinoma: The Role of SDC1 in Lung Premetastatic Niche Formation
Amina JOUIDA (Dublin, Ireland), Lucas Dantas, Helen Obrien, Niamh Boyle, Donal Omalley, Cormac Mccarthy, Michael P Keane

3B Session 14:15 - 15:30

Oral presentation: The grey view from the inside

Disease(s) : Sleep and breathing disorders | Interstitial lung diseases | Thoracic oncology | Respiratory critical care | Airway diseases

Method(s) : Imaging | General respiratory patient care | Endoscopy and interventional pulmonology | Respiratory intensive care

Chairs : Chair to be confirmed

Computed tomography of the chest or thoracic ultrasonography for differentiating malignant and benign pleural effusions: Which is more effective and reliable, or should they be used together?
Semanur Ozyavuz (Eskişehir, Turkey), Guntulu Ak, Hüseyin Yildirim, Selma Metintas, Muzaffer Metintas

Quantitative lung ultrasound spectroscopy: a novel approach to differentiate acute exacerbation due to pulmonary emphysema versus pulmonary fibrosis – preliminary results from SAURON Study
Alessandro Perrotta (Rome, Italy), Giovanni Pierro, Federico Mento, Mattia Perpenti, Libertario Demi, Andrea Smargiassi, Riccardo Inchingolo

Role of physician-led neck ultrasound screening in lung cancer diagnostics
Maged Hassan (Alexandria, Egypt), Tousif Baig, Richard Thorley, Basma Elshaarawy, Marwan Abou Ouf, Tanmay Jain, Catherine Pearce, Aparna Iyer, Timothy Howell, Thomas Nicholson, Lindsey Taylor, Cyrus Daneshvar

Ultrasound shear wave elastography to enhance diagnostic accuracy of N3 cervical lymphadenopathy among patients with lung cancer.
Yenlin Chen (Taipei, Taiwan), Yao-Wen Kuo, Chih-Yi Lin, Ching-Chu Lu, Jann-Yuan Wang, Hao-Chien Wang

Impact of intercostal muscle thickness fraction on weaning failure in intubated COPD patients
Aslihan Gürün Kaya (Ankara, Turkey), Deniz Doğan Mülazımoğlu, Miraç Öz Kahya, Serhat Erol, Fatma Arslan, Akın Kaya

Ultrasound as Diagnostic Tool in Diaphragm Dysfunction: a Validation Study
Wytze de Boer (Zwolle, Netherlands), Krista Parlevliet, Leonie Kooistra, David Koster, Jellie Nieuwenhuis, Mireille Edens, Jan Willem Van Den Berg, Martijn Boomsma, Jos Stigt, Dirk Jan Slebos, Marieke Duiverman

Lung elastography: differentiating benign and malignant consolidations
Fernando Vargas-Ursúa (Madrid, Spain), Cristina Ramos-Hernández, José Aguayo-Arjona, Clara Seghers-Carreras, Luis Alberto Pazos-Area, Ignacio Fernández-Granda, Iván Rodríguez-Otero, Manuel Pintos-Louro, Eva Gómez-Corredoira, Julio Ancochea-Bermúdez, Alberto Fernández-Villar

Comparison of thoracic ultrasonography and radiological methods in hospitalized cases of community-acquired pneumonia
Sevda Sener Comert (Istanbul, Turkey), Erdem Emre Gülşen, Ali Fidan, Nesrin Kıral

Sensitivity and Specificity of Screening for Lung Involvement in Seropositive Rheumatoid Arthritis by means of lung function and lung ultrasound.
Werner Von Wulffen (Planegg, Germany), Frank Reichenberger, Carina Fischinger, Martin Welcker, Nikolaus Kneidinger, Florian Popp

3A Session 14:15 - 15:30

Oral presentation: Novelties in the diagnosis of chronic respiratory disease

Disease(s) : Airway diseases

Method(s) : Epidemiology | General respiratory patient care | Imaging | Physiology | Pulmonary function testing

Chairs : Celeste Michala Porsbjerg (Copenhagen, Denmark), Chair to be confirmed

Evaluation of clinical characteristics and lung function trajectory in young COPD patients in the general population
Jong Hun Park (, Republic of Korea), Ju Sang Kim, Jung Hyun Nam, Joon Young Choi

Linking mucus plugs and chronic bronchitis to bronchodilator responsiveness in young adult smokers: BEACON cohort
Aaron Braddy-Green (London, United Kingdom), Apolline Marion, Luana Alves-Moreira, Federico Baraldi, Daniel Downey, Mairi Macleod, Jordina Mah, Samuel Bartlett-Pestell, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan Mcgarvey, Elizabeth Sapey, Dave Singh, Robert Stockley, Tom Wilkinson, Lydia Finney, Andrew Ritchie, Eric Hoffman, Chris Compton, Mirco Govoni, Paul Jones, Hana Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Jadwiga Wedzicha, James Allinson

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Airway mucus plugs in patients with chronic cough: A single-center, retrospective, observational study
Hwa Young Lee (Seoul, Republic of Korea), Kyongmin Sarah Beck, Dae Hee Han, Hyun-Seob Jeon, Juyoung Shin, Sook Young Lee, Woo-Jung Song

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Predictive markers for progression from PRISm to airflow limitation.
Charmaine J. M. Lim (Vienna, Austria), Tobias Mraz, Charles G. Irvin, David A. Kaminsky, Sylvia Hartl, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal

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Characteristics of COPD patients with chronic bronchitis identified using MRC, SGRQ and CAT definitions
Fengyan Wang (Guangzhou, China), Xueping Li, Zijun Guo, Zhang Wang, Huai Chen, Zhenyu Liang, Yongchang Sun, Fuqiang Wen, Qianli Ma, Tao Ye, Jinping Zheng, Rongchang Chen, Paul W. Jones

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Remote-coached spirometry as a high-quality alternative to clinic-coached spirometry in an asthma clinical trial
Davinder Paul Singh Dosanjh (BIRMINGHAM, United Kingdom), Tina Jellesmark Jensen, M Nubli Mustapa, Adam Laprad, Erin Lennox, Sarah S Grant, Maria G Belvisi, Rod Hughes

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Agreement between chronic bronchitis definitions in young adult smokers: BEACON Cohort
Aaron Braddy-Green (London, United Kingdom), Apolline Marion, Luana Alves-Moreira, Federico Baraldi, Daniel Downey, Samuel Bartlett-Pestell, Mairi Macleod, Jordina Mah, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan Mcgarvey, Elizabeth Sapey, Dave Singh, Robert Stockley, Tom Wilkinson, Lydia Finney, Andrew Ritchie, Chris Compton, Mirco Govoni, Paul Jones, Hana Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Jadwiga Wedzicha, James Allinson

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Validation of automated cough measurements and clinical correlations
Össur Ingi Emilsson (Uppsala, Sweden), Carl Andersson, Henrik Johansson, Emil Ekbom, Thomas B. Schön

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E-Nose Identifies Unique VOC Profiles in COPD With and Without Bronchiectasis
Silvano Dragonieri (Bari (BA), Italy), Vitaliano Nicola Quaranta, Maria Francesca Grimaldi, Marcin Di Marco, Andrea Portacci, Giovanna Elisiana Carpagnano

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Studio Session 14:15 - 15:00

Pro-Con debate: Indwelling catheters verus talc pleurodesis for malignant effusion - which is optimal?

Aims : To debate the patient centred, hospital and physicain centred outcomes comparing the use of IPC or talc in MPE in light of up to date basic science, translational and clinical trial evidence

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Palliative care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Thoracic oncologist, Thoracic surgeon

Chairs : Veronica Manolache (Bucuresti, Romania), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom), Chair to be confirmed

14:15 **Indwelling Pleural catheters should be preferred over talc pleurodesis for the management of malignant pleural effusion**
Rahul Bhatnagar (Bristol, United Kingdom)

14:30 **Talc pleurodesis should be preferred over indwelling pleural catheters for the management of malignant pleural effusion**
Eihab Bedawi (Sheffield, United Kingdom)

14:45 **Panel discussion**
Speaker to be confirmed

G104/105 Session 14:30 - 17:10

Skills workshop: SW15 SW15: Thoracic ultrasound basic principles

Additional registration is required for this session.

Aims : to describe the current use of thoracic ultrasound; to provide participants an opportunity to perform this technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology Interstitial lung diseases

Chairs : Najib M. Rahman (Oxford, United Kingdom)

14:30	**Introduction** Najib M. Rahman (Oxford, United Kingdom)
14:50	**Normal thoracic cavity** Giovanni Volpicelli (Torino (TO), Italy), Morten Bendixen (Odense C, Denmark)
14:50	**Pleural effusion and/or pleural thickening** Konstantina Kontogianni (Heidelberg, Germany), Valentina Pinelli (MASSA-CARRARA, Italy)
14:50	**Case studies** Poppy Denniston (London, United Kingdom)
14:50	**Guided interventions** Søren Helbo Skaarup (Aarhus C, Denmark), Beenish Iqbal (Oxford, United Kingdom)

Studio Session 15:15 - 16:00

EU project: Identification of novel immunological treatment targets in severe asthma

EU project: 3TR - Taxonomy, Target, Treatment and Remission, an Innovative Medicine Initiative

Aims : 3TR aims to provide fundamental new insights into the mechanisms of response and non-response to treatment. Thereby, the consortium challenge the conventional “single disease”-based approach, in which diseases are classified according to their end-organ involvement rather than the molecular pathways underpinning them. Consequently, they propose a paradigm shift in the way we look at diseases: Promoting a scientific evidence-based rationale for treatment selection, rather than following the traditional trial and error approach, 3TR will have significant implications for future patient management and the assessment of efficacy, safety and quality of future health products.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Scientist (basic, translational)

Chairs : Christopher E. Brightling (Leicester (Leicestershire), United Kingdom), Chair to be confirmed

15:15	**Introduction to 3TR-IMI Asthma and COPD** Stefania Principe (Utrecht, Netherlands)
15:25	**COMSA - Novel outcome measure for severe asthma** Ekateirina Khaleva (Southampton, United Kingdom)
15:35	**Urinary lipidomics for precision medicine** Johan Kolmert (Stockholm, Sweden)
15:45	**Discussion and Q&A** Speaker to be confirmed

5B Session 15:30 - 17:00

Symposium: Rare respiratory diseases in children: from misknowledge to personalised medicine

Aims : to understand how advances in diagnostic and predictive technologies can improve patient care and lead to personalised treatments; to present how proof-of-concepts in monogenic rare lung diseases pave the way for treating similar diseases, especially in the field of paediatric interstitial and inflammatory lung diseases; to improve their knowledge of paediatric lung transplantation by receiving an update on the indications, feasibility and prognosis of this procedure in children.

Disease(s) : Interstitial lung diseases Paediatric respiratory diseases Thoracic oncology

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Nurse, Paediatrician, Patient, Scientist (basic, translational), Thoracic oncologist

Chairs : Emanuela Zannin (Monza (MB), Italy), Susanne Vijverberg (Amsterdam, Netherlands), Christopher Harris (London, United Kingdom)

15:30	**Methionine supplementation in pulmonary alveolar proteinosis related to MARS1 mutations: from the bench to personalised low-cost treatment** Alice Hadchouel-Duvergé (Paris, France)
15:45	**Jak inhibitors: from evidence-based use in monogenic auto-inflammatory diseases to the successful treatment of connective tissue diseases** Stefano Volpi (Genova, Italy)
16:00	**Paediatric lung transplantation: update on the indications, feasibility and prognosis in 2025** Nicolaus Schwerk (Hannover, Germany)
16:15	**Growing with chILD: towards a specific transition program for better care** Effrosyni D. Manali (Athens, Greece)
16:30	**Discussion and Q&A** Speaker to be confirmed

Elicium 2 — Session — 15:30 - 17:00

Symposium: Global disparities in lymphangioleiomyomatosis: an example of how European Reference Networks and technology can help

Aims : to highlight the challenges in delivering care for patients with rare lung diseases worldwide, using lymphangioleiomyomatosis (LAM) as a paradigm of both the challenges and possible successes that can be achieved; to identify the challenges in standardising care for patients with LAM, contrasting the difficulties in Europe, the United States, South America and beyond; to describe how patient involvement and patient advisory groups can improve care and research of these diseases; to identify the benefit of European Reference Networks and how they operate to improve clinical care; to address how modern technologies, both clinical and translational, are being used to inform diagnostic ability and improve delivery of care and therapy; to discuss the use of artificial intelligence in imaging and pathology, together with the use of home monitoring and machine learning; to explain the role of patient involvement in driving improvements in care and knowledge of LAM, to explain the current state of the art in diagnostics of LAM and how new techniques and technologies have improved this, to differentiate between care of patients with LAM in different countries and how unified approaches can better help all stakeholders, and to discuss the utility of new methods to predict prognosis and determine the therapeutic benefit and response in LAM.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Cell and molecular biology Epidemiology Imaging

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Nurse, Respiratory critical care physician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Scientist (basic, translational), Thoracic surgeon, Respiratory therapist

Chairs : Marlies S. Wijsenbeek (Rotterdam, Netherlands), Cormac McCarthy (Dublin 4, Ireland), Laura Fabbri (London, United Kingdom)

15:30	**The role of patient involvement in improving care in LAM** Anna Svenningsson (Stockholm, Sweden)
15:45	**Global differences in LAM care: challenges and opportunities** Bruno Guedes Baldi (São Paulo (SP), Brazil)
16:00	**European Reference Networks, registries and biobanks: key to advancing care in LAM** Marta Garcia Moyano (Barakaldo, Spain)
16:15	**Developing novel molecular diagnostic and disease-monitoring strategies in LAM** Nishant Gupta (Cincinnati, United States)
16:30	**Discussion and Q&A** Speaker to be confirmed

7A — Session — 15:30 - 17:00

Hot topics: Perspectives on PE Response Teams (PERT)

Aims : A. Emphasize that setting up a PERT is not about creating a rigid structure but fostering multidisciplinary collaboration for comprehensive PE care.

B. Demonstrate how PERTs improve patient care by enhancing anticoagulation practices and facilitating access to advanced therapies.

C. Highlight PERTs as a platform for conducting clinical trials and fostering collaborative research in pulmonary embolism management.

D. Explore how PERTs can serve as a foundation for establishing dedicated post-PE follow-up programs to improve long-term patient outcomes.

Disease(s) : Pulmonary vascular diseases | Respiratory critical care

Method(s) : Imaging | Physiology | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : George Giannakoulas (Thessaloniki, Greece), Harm Jan Bogaard (Amsterdam, Netherlands)

15:30	**Establishing a PERT: Key Considerations and Challenges** David Jiménez Castro (Madrid, Spain)
15:45	**Benefits of PERT: Improving Outcomes in Acute PE Management**
16:00	**Current State of PERT: Clinical Integration and Research Opportunities** Speaker to be confirmed
16:15	**Regional Variations in PERT Implementation: Lessons from Around the World** Parth Rali (Philadelphia, United States)
16:30	**Discussion and Q&A** Speaker to be confirmed

5C Session 15:30 - 17:00

Hot topics: Addressing generational challenge in lung health amidst the growing number of novel tobacco products.

Aims : This session will highlight the challenges to lung health amidst the growing number of novel tobacco products. Easy access and attractive advertising make these novel products very popular among the younger generation. This session aims to (1) present evidence of e-cigarette and vaping-related lung injury; (2) educate health care practitioners such as, respiratory function technologists, physiotherapists and nurses on how they could contribute to promote lung health in the younger generation and help adults with smoking cessation; (3) to illustrate how PFT could be used in the early detection of e-cigarette and/or vaping-related respiratory problems (4) to demonstrate the importance of a multidisciplinary approach in educating the younger generation on the harmful effects of smoking and vaping.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : General respiratory patient care | Public health | Pulmonary function testing

Tag(s) : Basic science

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : Ulrike Gehring (Utrecht, Netherlands), Filippos T. Filippidis (Rickmansworth, United Kingdom), Rachel Ong-Salvador (Amsterdam, Netherlands)

15:30	**Vaping-related lung injury: what we know so far.** Speaker to be confirmed
15:45	**Underage smoking and vaping: nip it in the bud.** Speaker to be confirmed
16:00	**Assessing clinical prognosis on tobacco-related respiratory injury on young smokers, and how PFT could help** Andrew Bush (London, United Kingdom)
16:15	**Help patients help themselves.** Speaker to be confirmed
16:30	**Discussion and Q&A** Speaker to be confirmed

5A Session 15:30 - 17:00

Hot topics: 9th TNM EDITION IN THORACIC ONCOLOGY STAGING; MOVING BEYOND BOUNDARIES

Aims : The TNM system is a useful universal classification system for the anatomic extent of lung cancer which has been critical for individual patient care as well as research advances. As progress occurs, new emerging details need to be included to ensure contemporary clinical management issues are addressed. The 9th TNM edition of lung cancer, mesothelioma and thymic tumours addresses this need and it is scheduled to take effect in January 2025. Significant changes have occurred in the 9th edition including validation of the significant changes in the T component introduced in the 8th edition, introduction of fundamentally different ways of categorizing the N component leading to subdivision of N2, and further subdivision of the M component. This has led to reordering of the TNM combinations included in stage groups. This session aims to 1. List the analyses and revisions for the TNM classification of lung cancer, mesothelioma and thymic epithelial tumours 2. Evaluate the implications of the 9th TNM Edition in the diagnosis and management of lung cancer, mesothelioma and thymic epithelial tumours 3. Familiarize the broader respiratory community and facilitate implementation of the 9th edition system.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Surgery

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Pathologist, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Torsten Gerriet Blum (Berlin, Germany), Dragos Bumbacea (Bucuresti, Romania), Daiana Stolz (Freiburg, Germany)

15:30	**The updated 9th TNM Edition for lung cancer staging; addressing new needs** Georgia Hardavella (Athens, Greece)
15:45	**9th TNM Edition in mesothelioma; revisiting sound knowledge** Armin Frille (Leipzig, Germany)
16:00	**The updated 9th TNM Edition in thymic epithelial tumours; a stranger in uncharted waters** Andrea Bille (London, United Kingdom)
16:15	**The updated 9th TNM Edition through the radiologist's screen**
16:30	**Discussion and Q&A** Speaker to be confirmed

Auditorium Session 15:30 - 17:00

Clinical cases: Lungs on fire: Respiratory infections?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Respiratory infections

Tag(s) : Clinical

Chairs : Onno Akkerman (Groningen, Netherlands), Markus Fally (Copenhagen, Denmark), Olha Konstantynovska (Kharkiv, Ukraine)

Discussants : Thomas Wilkinson (Southampton (Hampshire), United Kingdom), Eva Van Braeckel (Ghent, Belgium)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: I.-R. Alexandrescu (Romania)** Eva Van Braeckel (Ghent, Belgium)
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: M.C. Alfonso (Philippines)** Thomas Wilkinson (Southampton (Hampshire), United Kingdom)
16:14	**Case 3 incl. panel discussion and Q&A - Submitter: M. Rathnayake (Sri Lanka)** Eva Van Braeckel (Ghent, Belgium)
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: N. Wang (China)** Thomas Wilkinson (Southampton (Hampshire), United Kingdom)

5D Session 15:30 - 17:00

Mini symposium: Sex differences in sleep-disordered breathing: how do they influence diagnostics and treatment recommendations?

Aims : to highlight the epidemiological and pathophysiological differences between the sexes in sleep-disordered breathing and chronic respiratory failure and to critically discuss how these affect symptoms and treatment outcomes.; to identify the gaps in knowledge on sex differences in obstructive sleep apnoea, central sleep apnoea syndromes and obesity-related respiratory failure, to determine future research priorities in these areas.

Disease(s) : Respiratory critical care Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Physiologist, Respiratory therapist

Chairs : Manuel Sanchez De La Torre (Toledo, Spain), Athanasia Pataka (Thessaloniki, Greece)

15:30	**Obstructive sleep apnoea in females: still strangers in the night?** Sophia E. Schiza (Heraklion, Greece)
15:45	**Sex differences in obesity-related respiratory failure** Maria Rosaria Bonsignore (Palermo, Italy)
16:00	**Central sleep apnoea syndromes: only a male problem?** Jean-Louis Pépin (Grenoble, France)
16:15	**Discussion and Q&A** Speaker to be confirmed

Amtrium Session 15:45 - 17:00

Oral presentation: Impact of occupational and environmental exposures on public lung health

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health Pulmonary function testing Cell and molecular biology

Chairs : Orianne Dumas (Villejuif, France), Chair to be confirmed

Long-term exposure to air pollution and incidence of chronic obstructive pulmonary disease in Danish Nurse Cohort
Rina So (Copenhagen, Denmark), Jiawei Zhang, Youn-Hee Lim, Marie Bergmann, Kajsa Pira, Cale Lawlor, Anna Oudin, Ebba Malmqvist, Zorana Andersen

Comorbidity, Air Pollution, and Risk of Pneumonia
Jiawei ZHANG (Copenhagen, Denmark), Stephane Tuffier, Zhebin Yu, Rina So, Thomas Scheike, George Napolitano, Steffen Loft, Youn-Hee Lim, Erik Melén, Zorana Jovanovic Andersen

Occupational exposure to disinfectants and cleaning products, lung function and COPD
Orianne Dumas (Villejuif, France), Emilie PACHECO DA SILVA, Bakari Ibrahim, Sheik Alif, Marie-Christine Delmas, Marcel Goldberg, Rachel Nadif, Thierry Perez, Céline Ribet, Nicolas Roche, Raphaëlle Varraso, Marie Zins, Bénédicte Leynaert, Nicole Le Moual

Occupational and environmental livestock exposures are associated with the upper respiratory tract microbiome
Beatrice Cornu Hewitt (Utrecht, Netherlands), Mari-Lee Odendaal, Myrna De Rooij, Alex Bossers, Mei Ling Chu, Warner Van Kersen, Aniek Lotterman, Joke Van Der Giessen, Debby Bogaert, Lidwien Smit

Impact of livestock-related air pollution on public health: a nation-wide study on COVID-19 in the Netherlands
Myrna M.T. de Rooij (Utrecht, Netherlands), Mariana Simões, Lidwien A.M. Smit, Roel Vermeulen, Julia Taenzer, Miriam Gerlofs-Nijland, Lapo Mughini-Gras

Micro- and nanoplastic exposure, immune cell activation, and lung function in young adults, The PIAMA Cohort
Amanda Durkin (Utrecht, Netherlands), Tim Skrabanja, Ulrike Gehring, Martin Brits, Runyu Zou, Virissa Lenters, Federica Nardella, Gerard Koppelman, Judith Vonk, Martin Van Velzen, Nienke Vrisekoop, Marja Lamoree, Roel Vermeulen

Impact of Housing Characteristics and Indoor Environmental Factors on Chronic Obstructive Pulmonary Disease: Findings from the China Pulmonary Health (CPH) Study
ruirui Duan (beijing, China), Hongtao Niu, Ting Yang

Indoor mould exposure, cytokines from T2/non-T2/Th17 pathways and asthma: the CONSTANCES cohort
Laurent Orsi (Paris, France), Emilie Fréalle, Marine Savouré, Julie Demaret, Isabelle Top, Lucie Georjon, Marcel Goldberg, Céline Ribet, Marie Zins, Nicolas Roche, Bénédicte Leynaert, Tajidine Tsiavia, Joseph Henny*, Rachel Nadif*

Early-life air pollution exposures and lung function trajectories from ages 8-24 years in the ALSPAC cohort
Katie Eminson (Nottingham, United Kingdom), Yingxin Chen, Raquel Granell, John Gulliver, Yutong Samuel Cai, Anna L Hansell

3A Session 15:45 - 17:00

Oral presentation: Emerging clinical trials in rehabilitation and chronic care

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Pulmonary rehabilitation General respiratory patient care Epidemiology Public health

Chairs : Martijn A. Spruit (Horn, Netherlands), Ana Luisa Araújo Oliveira (Aveiro, Portugal)

Cost-effectiveness of SPACE for COPD© Delivered as a Maintenance Programme following Pulmonary Rehabilitation (PR).
Linzy Houchen-Wolloff (Oakham (Leicestershire), United Kingdom), Annabel Hong, Khaled Alqhatani, Charlotte Gerlis, Nicola Gardiner, Claire Nolan, William Man, Mathew Richardson, Sally J Singh, Amir Khan, Anil Gumber, Ala Szczepura

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Night's rest behaviour and physical activity in COPD
Alexis M Perkins (London, United Kingdom), Sara C Buttery, Parris J Williams, Keir E J Philip, Michael I Polkey, Joren Buekers, Laura Delgado-Ortiz, Sarah Koch, Dimitrios Megaritis, Emily Hume, Nikolaos Chynkiamis, Heleen Demeyer, Anja Frei, Henrik Watz, Ioannis Vogiatzis, Thierry Troosters, Judith Garcia-Aymerich, Nicholas Hopkinson

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Effect of 8-week exercise-based rehabilitation on immune cell counts in Post-COVID syndrome following hospitalisation: a randomised controlled trial.
Enya Daynes (Leicester, United Kingdom), Nicolette C Bishop, Malik Hamrouni, Molly M Baldwin, George Mills, Rachael A Evans, Christopher E Brightling, Sally J Singh, Matthew J Roberts

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Pulmonary rehabilitation modulates the immune response in individuals with severe COPD: a RCT
Juliana Tiyaki Ito (Pilar do Sul (SP), Brazil), Luan H V Alves, Rafaella F Xavier, Iolanda F L C Tiberio, Celso R F Carvalho, Fernanda D T Q S Lopes

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High intensity interval training in interstitial lung disease
Leona Dowman (Melbourne, Australia), Anthony K May, Catherine J Hill, Janet Bondarenko, Lissa Spencer, Norman R Morris, Jennifer A Alison, James R Walsh, Yet H Khor, Nicole S L Goh, Tamera Corte, Ian Glaspole, Dan C Chambers, Christine F Mcdonald, Anne E Holland

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The SINFONIA study: a phase III randomised controlled trial of an online group singing intervention for people with COPD or ILD.
Natasha Smallwood (Melbourne (VIC), Australia), Amy Pascoe, Nicole Goh, Stefanie Zappino, Sara Vogrin, Lena Ly, Catherine Buchan, Peter Hudson, Anna Spathis, Jennifer Philip

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Mobile health pulmonary rehabilitation (m-PR) compared to centre-based pulmonary rehabilitation in people with COPD: a randomised controlled equivalence trial.
Sarah Brown (Melbourne, Australia), Sally Wootton, Marita Dale, Jennifer Alison, Andrew Chan, Marlien Varnfield, Ian Yan, Michelle Cunich, Zoe Mckeough

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Early home pulmonary rehabilitation with high-flow nasal oxygen for exertional hypoxemia
Yingjuan Mok (Singapore, Singapore), Jing Wen Foong, Hang Siang Wong, Edwin Shih-Yen Chan, Li Ching Soh, Amanda Soh, Shi Hua Tan, Norasyikin Binte Hassan, Poh Choo Tan, Keith Keat Huat Wong

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Economic evaluation of long-term oxygen therapy prescribed for 24 hours versus 15 hours a day in patients with severe hypoxemic respiratory failure
Richard Ssegonja (Uppsala, Sweden), Josefin Sundh, Anders Andersson, Filip Björklund, Anders Blomberg, David Currow, Christer Janson, Eva Lindberg, Andreas Palm, Magnus Ekström

Forum Session 15:45 - 17:00

Oral presentation: Biologics in action: clinical realities and translational innovations in airway disease therapeutics

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing General respiratory patient care Cell and molecular biology Epidemiology Public health

Chairs : Alexander Mathioudakis (Manchester, United Kingdom), Lies Lahousse (Ghent, Belgium)

Cardiovascular safety of biologicals in patients with asthma: a nationwide cohort study
Lies Lahousse (Ghent, Belgium), Frauke Van Vaerenbergh, Delphine Vauterin, Maxim Grymonprez, Guy Brusselle, Lowie Vanfleteren

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Utility of CompEx as a component of clinical remission in NAVIGATOR
Guy Brusselle (Ghent, Belgium), Njira L Lugogo, Flavia C L Hoyte, Gillian Hunter, Tina Jellesmark Jensen, Neil Martin, Amit Parulekar, Carla A Da Silva

Exhaled nitric oxide (FeNO) predicts response to prednisolone for asthma attacks in patients on anti-IL5/5Rα therapy
Imran Howell (Oxford, United Kingdom), Mahdi Mahdi, Hafiz Mahmood, Laura Bermejo-Sanchez, Catherine Borg, Sanjay Ramakrishnan, James Melhorn, Gabriel Lavoie, Nayia Petousi, Timothy Sc Hinks, Mona Bafadhel, Ian D Pavord

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Efficacy of Dupilumab in Patients with Severe Asthma and Co-existing COPD
Sammy Adam Ameri (Copenhagen, Denmark), Susanne Hansen, Kjell Erik Julius Håkansson, Marianne Baastrup Soendergaard, Anne-Sofie Bjerrum, Johannes Martin Schmid, Sofie Lock Johansson, Linda Makowska Rasmussen, Barbara Bonnesen, Roxana Vijdea, Anna Von Bülow, Lycely Dongo, Niels Steen Krogh, Ole Hilberg, Charlotte Suppli Ulrik, Celeste Porsbjerg, Asger Sverrild

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Predicting Optimal Timing For Biologic Switch In Severe Asthmatic Patients
Enrico Schiavi (Roma, Italy), Francesca Cefaloni, Giovanni Pierro, Alessandro Perrotta, Vincenzo Zugaro, Cristina Boccabella, Luca Richeldi, Matteo Bonini

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Clinical characteristics associated with frequent asthma exacerbations whilst on treatment with tezepelumab
Faizan Haris (London, United Kingdom), Jessica Gates, Francesca Cefaloni, Paniz Khooshemehri, Linda Green, Mariana Fernandes, Louise Thomson, Cris Roxas, Jodie Lam, Grainne D'Ancona, Alexandra M. Nanzer, Jaideep Dhariwal, David J Jackson

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Tozorakimab exerts distinct dual pharmacology to reduce COPD epithelial remodelling
Sam Strickson (CAMBRIDGE, United Kingdom), Rafaela Konstantinidi, Owen Wyatt, Katherine Stephenson, Megan Webster, Ferda Oeztuerk-Winder, David C. Mansfield, Andie Collinson, Ian C. Scott, D Gareth Rees, Catherine Chaillan Huntington, Claire Hollins, Elizabeth C. Hinchy, Josquin Nys, Xavier Romero Ros, E Suzanne Cohen

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BBT002, a tetravalent bispecific antibody targeting human IL-4Rα and IL-5, demonstrated synergistic efficacy in vitro and in a porcine pancreatic elastase (PPE)-induced COPD mouse model
Jingjing Jiang (Boston, United States), Tianhang Zhai, Yuanhong Chen, Shuang Dai, Shihui Zhou, Zhongxi Zhang, Weifeng Huang, Xiaoniu Miao, Andy Tsun, Wei Liang, Thang Ho, Shanshan Xu

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Spatial Mapping of IL-4 / IL-13 and IL-4Rα in COPD Lungs and Lymph Nodes
Jonas Erjefalt (Lund, Sweden), Caroline Sanden, Kerry Casey, Cecilia Andersson, Jimmie Jönsson, Johan Ahlgren, Premkumar Siddhuraj, Sandra Lindstedt, Seblewongel Asrat, Matthew Sleeman, Jamie Orengo

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3B Session 15:45 - 17:00

Oral presentation: Noninvasive respiratory support in acute and chronic settings: comparison of strategies, monitoring and physiological effects

Disease(s) : Sleep and breathing disorders | Respiratory critical care | Airway diseases

Method(s) : General respiratory patient care | Physiology | Respiratory intensive care | Imaging | Pulmonary function testing | Pulmonary rehabilitation

Chairs : Maxime Patout (Paris, France), Chair to be confirmed

EFFECT OF NIV WITH BILEVEL COMBINED WITH AEROBIC EXERCISE IN LONG COVID: POST HOC CLINICAL TRIAL STUDY
Guilherme Arêas (Brasilia, Brazil), Suzy Cristina França Rodrigues, Thâmila Kamila De Souza Medeiros, Jefferson Valente, Fernanda Faccioli Dos Reis Borgers, Karoline Pinheiro Kitzinger, Eduardo Fernandes Da Silva Junior, Vanessa Christina Costa Da Silva, Anna Gabriela Rezende Dos Santos, Caio Cesar Leiva Bastos Barrionuevo, Jennifer Leticia Nery, Camila Miriam Suemi Sato Barros Do Amaral, Bernardo Maia, Cassia Goulart, Fernando Almeida-Val

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Performances of surface mechanomyography using a parasternal patch to detect inspiratory effort during spontaneous breathing and mechanical ventilation
Delphine Venkatapen (Bruxelles, Belgium), Marius Lebret, Arnaud Lesimple, Mathilde Lefranc, Mathieu Carpentier, Alice Vuillermoz, Alain Mercat, Jean-Christophe Richard, François Beloncle

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Diaphragmatic Ultrasound for the Indication of NIV and 1 year Tracheostomy-Free Survival in ALS Patients.
Santos Ferrer Espinosa (Valencia, Spain), Jesus Sancho, Juan Antonio Carbonell-Asins, Jaime Signes-Costa

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Laryngeal ultrasound to observe laryngeal movements during non-invasive ventilation in COPD
Anne Kristine Brekka (Nedenes, Norway), Petrine V. Solli, Solfrid Indrekvam, Merete S. Engeset, Ola D. Røksund, Sverre Lehmann, Hege Clemm, Thomas Halvorsen, Patrick Murphy, Maria Vollsæter, Tiina Andersen

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Effect of nasal prongs size on high flow nasal cannula devices (HFNC) output: a bench study
Emmanuele Sappino (Rivalta di Torino, Italy), Giovanni Maria Ferrari, Elena Rindone, Lorenzo Appendini, Paolo Righini, Roberto Prota

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Physiological effects of High-flow Nasal Oxygen: A Randomized Trial in post-extubation patients
Thijs Janssen (ROTTERDAM, Netherlands), Dolf Weller, Evert-Jan Wils, Niki Lupgens, Corstiaan Den Uil, Dirk Boer, Diederik Gommers, Leo Heunks, Annemijn Jonkman, Henrik Endeman

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Comparison of three strategies for withdrawal of post extubation non-invasive ventilation in acute exacerbation of COPD patients: Randomized control trial
Prakhar Sharma (Rishikesh, India), Saikat Banerjee, Ganesh Sanjan, Prakash Sivaramakrishnan, Deepansh Gupta, Suyash Singh Rajpoot, Shivam Garg

Virtual Reality (VR) for Non-Invasive Ventilation (NIV) Adaptation and Anxiety Reduction in Complex Pediatric Respiratory Patients: A Case Report and Beyond
Moria Be'er (Tel Aviv, Israel), Michal Cahal, Mika Rochman, Edwa Friedlander, Israel Amirav, Moran Lavie

Randomized controlled trial on telemonitoring in COPD Patients with NIV - effects on adherence, clinical outcomes, and quality of life (TeleInterVENT)
Maik Schroeder (Essen, Germany), Ulrike Domanski, Matthias Richter, Regina Schaefer, Alexander Grimm, Georg Nilius

Elicium 1 Session 15:45 - 17:00

Science slam: Science slam

Aims : Five scientists will present their research in an entertaining way for a non-specialist audience. The audience will elect, by means of electronic voting, the 2025 Science Slam winner.

Target audience : Adult pulmonologist/Clinician, General practitioner, Paediatrician, Nurse, Medical Technical Assistant, Patient, Physician in Pulmonary Training, Clinical researcher, Journalist, Medical Student, Physiologist, Radiologist, Thoracic surgeon, Respiratory physiotherapist, Respiratory critical care physician, Scientist (basic, translational), Respiratory therapist, Pathologist, Thoracic oncologist

Chairs : Sara Cuevas Ocaña (Cambridge, United Kingdom), Jannik Ruwisch (Hannover, Germany), Thomas Gille (Bobigny, France)

15:45	**Introduction** Sara Cuevas Ocaña (Cambridge, United Kingdom), Thomas Gille (Bobigny, France), Jannik Ruwisch (Hannover, Germany)
15:50	**Presenter 1**
16:02	**Presenter 2**
16:14	**Presenter 3**
16:26	**Presenter 4**
16:38	**Presenter 5**
16:50	**Vote, presentation and interview of the winner** Sara Cuevas Ocaña (Cambridge, United Kingdom), Thomas Gille (Bobigny, France), Jannik Ruwisch (Hannover, Germany)

3A Session 17:15 - 18:45

Assembly members' meeting: Assembly 1 Members meeting: Respiratory clinical care and physiology

Chairs : Ioannis Vogiatzis (Blyth, United Kingdom), Guido Vagheggini (Volterra (PI), Italy), Sam Bayat (Grenoble, France)

17:15	**Assembly members meeting: presentation, discussion and Q&A** Ioannis Vogiatzis (Blyth, United Kingdom)

3B Session 17:15 - 18:45

Assembly members' meeting: Assembly 2 Members meeting: Respiratory intensive care

Chairs : Christian Karagiannidis (Cologne, Germany), João Carlos Winck (Vila Nova de Gaia, Portugal), Luk Ping Lam (Hong Kong, Hong Kong)

17:15	**Assembly members meeting: presentation, discussion and Q&A** Christian Karagiannidis (Cologne, Germany)

Elicium 1 Session 17:15 - 18:45

Assembly members' meeting: Assembly 3 Members meeting: Basic and translational sciences

Chairs : H. Irene Heijink (Groningen, Netherlands), Niki L. Reynaert (Maastricht, Netherlands), Arnaud Mailleux (Paris, France)

17:15	**Assembly members meeting: presentation, discussion and Q&A** H. Irene Heijink (Groningen, Netherlands)

5D Session 17:15 - 18:45

Assembly members' meeting: Assembly 4 Members meeting: Sleep disordered breathing

Chairs : Sophia E. Schiza (Heraklion, Greece), Esther Irene Schwarz (Zürich, Switzerland)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Sophia E. Schiza (Heraklion, Greece)

Forum Session 17:15 - 18:45

Assembly members' meeting: Assembly 5 Members meeting: Airway diseases, asthma, COPD and chronic cough

Chairs : Apostolos Bossios (Stockholm, Sweden), Florence Schleich (Liège, Belgium)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Apostolos Bossios (Stockholm, Sweden)

Amtrium Session 17:15 - 18:45

Assembly members' meeting: Assembly 6 Members meeting: Epidemiology and environment

Chairs : Ane Johannessen (Bergen, Norway), Rafael E. de la Hoz (New York, United States)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Ane Johannessen (Bergen, Norway)

5B Session 17:15 - 18:45

Assembly members' meeting: Assembly 7 Members meeting: Paediatrics

Chairs : Alexander Möller (Zürich, Switzerland), Refika Hamutcu Ersu (Ottawa, Canada)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Alexander Möller (Zürich, Switzerland)

E102 Session 17:15 - 18:45

Assembly members' meeting: Assembly 8 Members meeting: Thoracic surgery and transplantation

Chairs : Federica Meloni (Padova, Italy), Marcello Migliore (Catania, Italy), René Hage (Zürich, Switzerland)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Federica Meloni (Padova, Italy)

5C Session 17:15 - 18:45

Assembly members' meeting: Assembly 9 Members meeting: Allied respiratory professionals

Chairs : Jellien Makonga-Braaksma (Woudenberg, Netherlands), Chris Burtin (Diepenbeek, Belgium)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Jellien Makonga-Braaksma (Woudenberg, Netherlands)

Auditorium Session 17:15 - 18:45

Assembly members' meeting: Assembly 10 Members meeting: Respiratory infections

Chairs : Raquel Duarte (Porto, Portugal), Onno Akkerman (Groningen, Netherlands)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Raquel Duarte (Porto, Portugal)

5A Session 17:15 - 18:45

Assembly members' meeting: Assembly 11 Members meeting: Thoracic oncology

Chairs : Najib M. Rahman (Oxford, United Kingdom), Georgia Hardavella (Athens, Greece)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Najib M. Rahman (Oxford, United Kingdom)

Elicium 2 Session 17:15 - 18:45

Assembly members' meeting: Assembly 12 Members meeting: Interstitial lung diseases

Chairs : Michael Kreuter (Mainz, Germany), Marlies S. Wijsenbeek (Rotterdam, Netherlands)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Michael Kreuter (Mainz, Germany)

7A Session 17:15 - 18:45

Assembly members' meeting: Assembly 13 Members meeting: Pulmonary vascular diseases

Chairs : Olivier Sitbon (Le Kremlin-Bicêtre, France), Harm Jan Bogaard (Amsterdam, Netherlands)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Olivier Sitbon (Le Kremlin-Bicêtre, France)

E103/104 Session 17:15 - 18:45

Assembly members' meeting: Assembly 14 Members meeting: Clinical techniques, imaging and endoscopy

Chairs : Walter De Wever (Leuven, Belgium), Elżbieta Magdalena Grabczak (Warszawa, Poland), Mohammed Munavvar (Preston (Lancashire), United Kingdom), Konstantina Kontogianni (Heidelberg, Germany)

17:15 **Assembly members meeting: presentation, discussion and Q&A**
Walter De Wever (Leuven, Belgium)

Elicium 1 Session 08:00 - 09:15

Wednesday special session: IRC National Coalitions Networking Breakfast

Aims : This session aims to bring together IRC national coalition partners and supporters from across Europe to build valuable connections, share insights, and explore opportunities for collaboration. There will be a short presentation, followed by breakfast and networking. The IRC is founded on the idea of multistakeholder collaboration.

Chairs : Guy F. Joos (Ghent, Belgium), Silke Ryan (Dublin, Ireland), Rutger Haandrikman (Amersfoort, Netherlands)

08:00	**Welcome** Guy F. Joos (Ghent, Belgium), Silke Ryan (Dublin, Ireland)
08:05	**Presentations**
08:20	**Discussion and Q&A**
08:25	**Breakfast and networking**

Studio Session 09:15 - 10:00

Skills lab: Oscillometry

Tag(s) : Clinical

Chairs : Frans H.C. De Jongh (Enschede, Netherlands), Chair to be confirmed

09:15	**Introduction** Frans H.C. De Jongh (Enschede, Netherlands), Speaker to be confirmed
09:20	**Oscillometry procedure** Frans H.C. De Jongh (Enschede, Netherlands), Rachel Ong-Salvador (Amsterdam, Netherlands)
09:30	**Paediatric case presentation discussion** Rachel Ong-Salvador (Amsterdam, Netherlands)
09:40	**Adult case presentation discussion** Chung-Wai Chow (Toronto (ON), Canada)
09:50	**Discussion and Q&A** Speaker to be confirmed

E103/104 Session 09:15 - 11:45

Wednesday special session: Primary prevention for healthy lungs

Chairs : Helen Parks (Lisburn, United Kingdom), Silke Ryan (Dublin, Ireland)

09:15	**Introduction and opening** Helen Parks (Lisburn, United Kingdom), Silke Ryan (Dublin, Ireland)
09:20	**Part 1 – Prevention in theory: Key prevention messages from the WHO Chronic Respiratory Disease report** Speaker to be confirmed
09:35	**Part 1 – Prevention in theory: WHO report on impact of air quality on children's health and WHO air quality conference outcomes** Heather Adair-Rohani (, Switzerland)
09:50	**Part 2 – Prevention in action: HealthyLungs4Life and sniffer bikesin Amsterdam** Károly Illy (Tiel, Netherlands)
10:05	**Part 2 – Prevention in action: Prevention in the joint action on respiratory disease** Ildikó Horváth (Budakeszi, Hungary)
10:20	**Part 2 – Prevention in action: Tobacco end game** Steven Baylis (Zwolle, Netherlands)
10:35	**Part 2 – Prevention in action: Vaping in young people** Speaker to be confirmed
10:50	**Part 2 – Prevention in action: Close and presentation of ERS/ELF Prevention strategy** Monika Gappa (Düsseldorf, Germany)

11:05	**Part 3 – Break-out sessions and discussion**

E102 Session 09:30 - 11:30

Wednesday special session: What can ERN-LUNG offer for the future?

Initiatives that aim at a stronger impact

Aims : Point out how the network can tighten the links, improve its relevance, and address future challenges

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France), Pippa Powell (Sheffield (South Yorkshire), United Kingdom)

09:30	**Introduction** Marc Humbert (Le Kremlin-Bicêtre, France)
09:35	**The ERN-LUNG Academy: Learning from the best** Elisabeth Humbert-Dorfmüller (Frankfurt am Main, Germany), Thomas Koudstaal (Rotterdam, Netherlands)
09:55	**CPMS 2.0: How to increase interactivity and cooperation for the benefit of the patients** Helge Hebestreit (Wuerzburg, Germany), Sabina Solinas (Paris, France)
10:25	**Artificial Intelligence in the diagnosis and treatment of rare respiratory diseases** Richard Noll (Frankfurt am Main, Germany), Holger Storf (Frankfurt, Germany)
11:05	**Discussion and Q&A**

E107/108 Session 09:30 - 11:00

Wednesday special session: Co-design and patient involvement in respiratory innovation

Aims : To promote meaningful collaborative working with patients so that clinical and research innovations meet the needs of people living with respiratory conditions. Learning outcomes: 1) To recognise the significance of patient involvement in respiratory innovation, from consultation to co-design 2) To understand how to capture the voice of patients and family members and incorporate their insights into research and clinical practice. 3) To increase awareness of inclusive and innovative strategies to work in partnership with patients and members of the public. 4) To facilitate collaborating with communities to align innovations to local context

Chairs : Mikaela Odemyr (Järved, Sweden), Chair to be confirmed

09:30	**Patient involvement in respiratory innovation: principles and practicalities** Mikaela Odemyr (Järved, Sweden)
09:45	**The Voice of the Patient and of the Carer at the Centre of Research and Clinical Practice** Lucilla Piccari (Barcelona, Spain)
10:00	**Creative and inclusive ways of involving patients and members of the public in research** Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom)
10:15	**BreatheIndia: Collaborating with communities to align innovations to local context** Joseph Clark (, United Kingdom)
10:30	**Panel and open floor interactive discussion** Lucilla Piccari (Barcelona, Spain), Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom), Joseph Clark (, United Kingdom), Zena Powell (Aylesbury, United Kingdom), Mikaela Odemyr (Järved, Sweden)

Elicium 2 Session 09:30 - 12:45

Wednesday special session: Advancing gender equity in respiratory medicine

Inclusive solutions for all

Aims : This session creates a platform for respiratory professionals to connect, build relationships, and exchange knowledge and experiences. To encourage collaboration in the respiratory profession, fostering partnerships, teamwork, and the sharing of ideas and best practices. To empower women in the respiratory profession by offering career development resources, mentorship programs, and discussions on leadership and advancement opportunities. To highlight the importance of diversity and inclusion in the field of respiratory care and encourage the community from diverse backgrounds to participate and contribute to the event.

Chairs : Susanne Vijverberg (Amsterdam, Netherlands), Thomas Gille (Bobigny, France)

09:30	**Introduction by ERS leaders** Monika Gappa (Düsseldorf, Germany), Hilary Pinnock (Edinburgh, United Kingdom), Judith Garcia-Aymerich (Barcelona, Spain)
09:45	**Ice-breaker**

10:15	**Science behind imposter syndrome** Sanne Feenstra (Amsterdam, Netherlands)
10:30	**Discussion**
10:35	**Making space, empowerment and mentorship in respiratory medicine** Christopher E. Brightling (Leicester (Leicestershire), United Kingdom)
10:50	**Discussion**
10:55	**The triple burden of being a woman, a migrant, and an early career in respiratory medicine** Laura Delgado Ortiz (Barcelona, Spain)
11:05	**Panel discussion** Judith Garcia-Aymerich (Barcelona, Spain), Sara Cuevas Ocaña (Cambridge, United Kingdom), Joanna Chorostowska-Wynimko (Warsaw, Poland), Fatma Chermiti Ben Abdallah (Tunis, Tunisia), Laura Delgado Ortiz (Barcelona, Spain), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom), Speaker to be confirmed
11:45	**Brunch and networking**

Studio — Session — 10:15 - 11:00

Patient-centred session: Bridging the communication gap

Aims : To evaluate the evolving patient-healthcare professional relationshjp in the clinic setting and identify potential areas for improvement.

Chairs : Phil Taverner (Bromham, United Kingdom)

10:15	**Bridging the communication gap - panel discussion** Debra Montague (USK, United Kingdom), Eliza Kompatsiari (Thessaloniki, Greece), Dominique Hamerlijnck (Amsterdam, Netherlands), Amy Hai Yan Chan (Auckland, New Zealand), Alyn Morice (Cottingham, United Kingdom)

Elicium 1 — Session — 10:45 - 12:45

Wednesday special session: ERS and planetary health: striving for sustainability

Chairs : Barbara Hoffmann (Düsseldorf, Germany), Benoit Nemery (Leuven, Belgium)

10:45	**Comprehensive introduction to sustainability and climate-related issues** Barbara Hoffmann (Düsseldorf, Germany)
11:05	**Microplastics and PFAS** Christopher Carlsten (Vancouver (BC), Canada)
11:25	**Sustainability in medical curricula** Thomas Geiser (Bern, Switzerland)
11:40	**sustainable healthcare initiatives in the Netherlands** Ilse M. Boudewijn (Groningen, Netherlands)
11:55	**Panel discussion** Phil Taverner (Bromham, United Kingdom), Benoit Nemery (Leuven, Belgium)

E107/108 — Session — 11:15 - 12:45

Wednesday special session: How to maximize the impact of your research project outcomes?

Aims : This session will provide examples on how project' results can be utilized for further research or other purposes. A project ultimate success is defined by effective exploitation. Participants will gain a deeper understanding of the strategies for effective results exploitation.

Chairs : Sanja Stanojevic (Halifax (NS), Canada), Eva Polverino (Barcelona, Spain)

11:15	**Leveraging Resources: the view of the EU commission**
11:30	**SOLACE - European Lung Cancer Screening Alliance** Helmut Prosch (Wien, Austria)
11:45	**Value-DX– Link with the ERS CRC programme** Eva Polverino (Barcelona, Spain)

12:00 **DiscovAIR–the Human cell atlas**
Martijn C. Nawijn (Groningen, Netherlands)

12:15 **LH4L – Community of Practice**
Susanna Palkonen (Bruxelles, Belgium)

12:30 **Lungs Europe – an ERS and ELF partnership**
Vlatka Matkovic (Brussels, Belgium)

Studio Session 12:15 - 13:00

Experts interview: The lifelong burden of high-dose inhaled corticosteroids

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Chair to be confirmed

12:15 **The lifelong burden of high-dose ICS - panel discussion**
Alexander Möller (Zürich, Switzerland), Chloe Bloom (London, United Kingdom), Speaker to be confirmed

No Room	Session	12:00 - 13:00

12:00

No Room	Session	12:00 - 13:00

12:00

INDUSTRY SESSIONS

E102 Session 10:30 - 11:15

Organised by ResMed

10:30

10:48

11:06

11:24

E103/104 Session 10:30 - 11:15

Organised by Philips

10:30

10:48

11:06

11:24

Elicium 1 Session 12:45 - 13:45

Industry Lunchtime Symposium: RSV+hMPV: The Hidden Burden in Adults – Let's Talk About It!

Organised by Sanofi

Chairs : Albert Osterhaus (Hannover, Germany)

12:45

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E102 Session 14:00 - 14:45

Organised by FUJIFILM

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14:18

14:36

14:54

E103/104 Session 14:00 - 14:45

Organised by GANSHORN Medizin Electronic GmbH

14:00

14:18

14:36

14:54

E102 Session 15:30 - 16:15

Organised by FUJIFILM

15:30

15:48

16:06

16:24

E103/104 Session 15:30 - 16:15

Organised by Inogen

15:30

15:48

16:06

16:24

Auditorium Session 17:30 - 19:00

Industry evening symposium: The changing treatment landscape in pulmonary fibrosis

Organised by Boehringer Ingelheim International GmbH

Chairs : Toby M Maher (Los Angeles, United States)

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E103/104 Session 17:30 - 19:00

Industry evening mini symposium: Innovating for Better Patient Care in Respiratory Diseases: From Research to Clinical Excellence

Organised by Grifols

Chairs : Ilaria Ferrarotti (Pavia (PV), Italy), Ricard Ferrer (, Spain)

17:30 **Welcome and Introduction**
Ilaria Ferrarotti (Pavia, Italy), Ricard Ferrer (, Spain)

17:35 **From the Laboratory to the Clinic: New Mutations and the Impact on Medical Practice**
Ilaria Ferrarotti (Pavia, Italy)

17:50 **From Diagnosis to Treatment: Boosting Survival in AATD**
Filipa Costa (Coimbra, Portugal)

18:10 **From Research to Practice: Reducing Inflammation in Bronchiectasis Patients**
Merete Bridget Long (Dundee, United Kingdom)

18:30 **Boosting Survival in Severe Pneumonia Cases**
Ricard Ferrer (, Spain)

18:45 **ALTA Awards ceremony**

Marion Trautmann (Frankfurt am Main, Germany), Ilaria Ferrarotti (Pavia (PV), Italy)

18:50 **Closing**

E103/104 Session 08:00 - 08:45

Organised by Aerogen

08:00

08:18

08:36

08:54

E102 Session 08:00 - 08:45

Organised by Vitalograph

08:00

08:18

08:36

08:54

E103/104 Session 10:30 - 11:15

Organised by FUJIFILM

10:30

10:48

11:06

11:24

E102 Session 10:30 - 11:15

Organised by ResMed

10:30

10:48

11:06

11:24

E103/104 Session 14:00 - 14:45

Organised by Philips

14:00

14:18

14:36

14:54

E102 Session 14:00 - 14:45

Organised by Physio Assist

14:00

14:18

14:36

14:54

E103/104 Session 15:30 - 16:15

Organised by FUJIFILM

15:30

15:48

16:06

16:24

E102 Session 15:30 - 16:15

Organised by Fisher & Paykel Healthcare

15:30

15:48

16:06

16:24

E102 Session 17:30 - 19:00

Industry evening mini symposium: Advances in Autoimmune Pulmonary Alveolar Proteinosis

Organised by Savara Inc.

Chairs : Brian Robinson (Langhorne, United States)

17:30	**Welcome and Introduction** Brian Robinson (Langhorne, United States)
17:40	**Autoimmune Pulmonary Alveolar Proteinosis: Pathophysiology** Effrosyni D. Manali (Athens, Greece)
18:00	**Autoimmune Pulmonary Alveolar Proteinosis: Diagnosis** Maria Kokosi (London, United Kingdom)
18:20	**Autoimmune Pulmonary Alveolar Proteinosis: Management** Maria Molina Molina (Barcelona, Spain)
18:40	**Q&A** Brian Robinson (Langhorne, United States), Effrosyni D. Manali (Athens, Greece), Maria Molina Molina (Barcelona, Spain), Maria Kokosi (London, United Kingdom)

E107/108 Session 17:30 - 19:00

Industry evening mini symposium: Optimizing the Management of ILD-PH: Addressing Unmet Needs in a Challenging Disease

Organised by Ferrer

Chairs : Vincent Cottin (Lyon, France), Esther Nossent (Amsterdam, Netherlands)

17:30	**Introduction** Laura Price (London, United Kingdom)
17:35	**Unravelling the diagnostic pathways of ILD-PH** Laura Price (London, United Kingdom)
17:55	**Unmet needs and challenges of management of patients with ILD-PH** Sergio Alfonso Harari (Milano (MI), Italy)
18:15	**Treatment landscape for ILD-PH** Vincent Cottin (Lyon, France)
18:35	**Round Table Discussion**

E103/104 Session 08:00 - 08:45

Organised by Löwenstein Medical Se & Co. Kg

08:00

08:18

08:36

08:54

E102 Session 10:30 - 11:15

Organised by Fisher & Paykel Healthcare

10:30

10:48

11:06

11:24

E103/104 Session 10:30 - 11:15

Organised by JAEGGER MEDICAL

10:30

10:48

11:06

11:24

E102 Session 14:00 - 14:45

Organised by Air Liquide Healthcare

14:00

14:18

14:36

14:54

E103/104 Session 14:00 - 14:45

Organised by BMC Medical Co.Ltd.

14:00

14:18

14:36

14:54

CHAIR AND COORDINATOR INDEX

Name, Session number

A
AARDENBURG - VAN HUISSTEDE A.
AARON S.
ABDO M.
ABOHALAKA R.
ACKLAND J.
ADCOCK I.
ADEJUMO I.
ADIR Y.
AKKERMAN O.
AKYLBEKOV A.
AL-AHMAD M.
ALEXANDRE F.
AL-HINDAWI Y.
ALIBERTI S.
ALLINSON J.
ALMANI I.
ALMEIDA BORGES J.
AMAN J.
AMARAL A.
AMARO RODRIGUEZ R.
AMATNGALIM G.
ANANTH S.
ANDERSEN Z.
ANDERSSON C.
ANDREJAK C.
ANNEMA J.
ANNESI MAESANO I.
ANTONIOU K.
APEN C.
ARAÚJO CUNHA GUIMARÃES M.
ARAÚJO OLIVEIRA A.
ARAÚJO PEREIRA M.
ARSHAD A.
ATHANASSIADI K.
ATTAR D.
AZEVEDO CARDIM P.
B
BACKMAN H.
BAILLIEUL S.
BAKAKOS P.
BAKER J.
BAKER J.
BAKIRI K.
BAL C.
BALDWIN D.
BALLESTER LLOBELL B.
BANKA R.
BARNIG C.
BARRATT S.
BARRECHEGUREN FERNANDEZ M.
BAYAT S.
BEECH A.
BEGHÈ B.
BENAZZOUZ R.
BENNETT M.
BERGANTINI L.
BERLOWITZ D.
BERNARDINELLO N.
BHATNAGAR R.
BIGA CAMPANHA R.
BIRRING S.
BLAKE T.
BLANC F.
BLASI F.
BLAZEJCZYK K.
BLOOM C.
BLUM T.
BLYTH K.
BOGAARD H.
BOKAN A.
BONINI M.
BONNEVIE T.
BOOTS A.
BORDAS MARTINEZ J.
BOS L.
BOSSIOS A.
BOUCLY A.
BOUDEWYNS A.
BOURDIN A.
BOUTOU A.
BRADDY-GREEN A.
BRADICICH M.
BRAKEMA E.
BRANDON B.
BRAT K.
BRAUNSTAHL G.
BREUER O.
BRIANÇON-MARJOLLET A.
BRIGHTLING C.
BROEKMAN W.
BRUSSELLE G.
BUEKERS J.
BUGALHO DE ALMEIDA A.
BUMBACEA D.
BURGY O.
BURTIN C.
BUTTERY S.
BYRNE T.
C
CALARAS D.
CAMELI P.
CAMUS P.
CAO B.
CARDILLO G.
CARDINAELS N.
CATALDO D.
CAVALHERI V.
CENERINI G.
ÇETINDOĞAN H.
CHAABOUNI M.
CHADWICK C.
CHALELA RENGIFO R.
CHALMERS J.
CHAN A.
CHARPIDOU A.
CHAUDHURI N.
CHERMITI BEN
ABDALLAH F.
CHOROSTOWSKA-WYNIMKO J.
CHOTIRMALL S.
CILLONIZ CAMPOS C.
CIPOLLINA C.
CLEMM H.
CLINI E.
CLOONAN S.
CONDLIFFE R.
CONDUTO DIAS MAIA A.
CONTOLI M.
CONWAY F.
CORLATEANU A.
COSTA ADÃO R.
CÔTÉ A.
COTTIN V.
COUILLARD S.
COUTURAUD F.
CRIMI C.
CRINER G.
CRISTEA-NICOARA D.
CROMBAG L.
CSONKA P.
CUEVAS OCAÑA S.
CUNNINGHAM S.
CYSNEIROS A.
D
D. S. TARGA A.
DAINES L.
D'ALESSANDRO M.
DANDANELL JUUL A.
DAWAR U.
DAYNES E.
D'CRUZ R.
DE ALMEIDA VICENTE FERREIRA C.
DE JONGH F.
DE LA HOZ R.
DE MATTEIS S.
DE PIERI C.
DE SOYZA T.
DE WEVER W.
DEENSTRA D.
DELCROIX M.
DEMEYER H.
DHOORIA S.
DIAMANT Z.
DIAZ A.
DILEKTAŞLI A.
DIMEAS I.
DIVER S.
DOE G.
DOST A.
DROBNIEWSKI F.
DRUMMOND D.
DUARTE R.
DUIVERMAN M.
DUMAS O.
DUPIN C.
E
EBER E.
EKSTRÖM M.
ELBEHAIRY A.
ELSHOF J.
ESENDAGLI D.
ESTEVES CINTRA TORRES C.
EVANS R.
EWEN R.
F
FABBRI L.
FALLY M.
FALSTER C.
FANER R.
FANFULLA F.
FERRAROTTI I.
FERRER R.
FILIPPIDIS F.
FINNEY L.
FISSER C.
FLEMING L.
FLOWERS W.
FOUKA E.
FRANCHINA F.
FREEMAN A.
FREGONESE L.
FREITAG N.
FROIDURE A.
FUMAGALLI G.
G
GABRIELSSON S.
GACHECHILADZE M.
GAILLARD E.
GAINE S.
GALLO G.
GALVIN L.
GAPPA M.
GARCIA MOYANO M.
GARCIA-AYMERICH J.
GARCIA-LARSEN V.
GAYLE A.
GEHRING U.
GEORGE G.
GEORGE P.
GERCKENS M.
GHEDIRA H.
GIANNAKOULAS G.
GILLE T.
GIMENO-SANTOS E.
GLOECKL R.
GOLETTI D.
GOMPELMANN D.
GONCALES R.
GOSKER H.
GOUTAKI M.
GRABCZAK E.
GRAMEGNA A.
GRANGER C.
GROTE L.
GRUZIEVA O.
GUARISE R.
GUIDA G.
GUIGNABERT C.
GUILLAMAT PRATS R.
GUIOT J.
GÜNTHER G.
GUPTA G.
GUPTA N.
H
HAANDRIKMAN R.
HADCHOUEL-DUVERGÉ A.
HAGE R.
HAJI G.
HAMMAD H.
HAMUTCU ERSU R.
HANSBRO P.
HANSEN H.
HARARI S.
HARDAVELLA G.
HARRIS C.
HARRISON S.
HAYDEN M.
HEIJINK H.
HEINZER R.
HELLEMONS M.
HENROT P.
HERMANS F.
HERTH F.
HEUVELMANS M.
HLAPČIĆ I.
HODGE H.
HOFFMANN B.
HOLDEN K.
HOLLMÉN M.
HOPKINSON N.
HORVÁTH I.
HOUBEN-WILKE S.
HOWARD L.
HUI I.
HULL J.
HUMBERT M.
HURLEY K.
HYNDS R.
I
IDZKO M.
INAL-INCE D.
IQBAL B.
ISMAGILOVA S.
ISRAEL-BIET D.
J
JÁCOME C.
JANSSENS W.
JARA-PALOMARES L.
JEEBHAY M.
JENSEN D.
JOANNES A.
JOHANNESSEN A.
JONES S.
JONKMAN A.
JOOS G.
JOUNEAU S.
JUSTET A.
K
KAENMUANG P.
KALKANIS A.
KALTSAKAS G.
KANTAS D.
KAPELLOS T.
KARA H.
KARADAG B.
KARAGIANNIDIS C.
KATSAOUNOU P.
KEIR H.
KHALAILI L.
KHEDOE P.
KHOSA C.
KHOURY J.
KIZHAKKE PULIYAKOTE A.
KNOX-BROWN B.
KOBLIZEK V.
KONGE L.
KONSTANTYNOVSKA O.
KONTOGIANNI K.
KONTOPIDIS D.
KONTSEVAYA I.
KOSTIKAS K.
KOUDSTAAL T.
KOURANOS V.
KREUTER M.
KRIVEC U.
KUKSA L.
KWOK W.
L
LAFOUASSE C.
LAHOUSSE L.
LAM L.
LANGE C.
LAPPERRE T.
LAURSEN C.
LAVENEZIANA P.
LAVORINI F.
LÁZÁR Z.
LAZARINIS N.
LEDERER C.
LEHMANN M.
LENFERINK A.
LHOTE R.
LICHTBLAU M.
LIM C.
LIM W.
LINDÉN A.
LISTA PAZ A.
LONGO P.
LORENT N.
LOUIS R.
LOUKIDES S.
LUPU L.
M
MADDOCKS M.
MAES T.
MAGRÌ T.
MAHBUB R.
MAHER T.

MAILLEUX A.
MAITLAND-VAN DER ZEE A.
MAKONGA-BRAAKSMA J.
MALINOVSCHI A.
MAN W.
MANISCALCO M.
MANOLACHE V.
MANSOURI N.
MARÇALO R.
MARGARITOPOULOS G.
MARILLIER M.
MARQUES A.
MARQUES DA SILVA R.
MASKELL N.
MASROUR O.
MATHIOUDAKIS A.
MATTHAIOU A.
MAYALL J.
MCCARTHY C.
MCDONNELL M.
MEGARITIS D.
MEGHJI J.
MEINERS S.
MELO NARVAEZ M.
MELONI F.
MERCURIO V.
METERAN H.
MEYS R.
MIADLIKOWSKA E.
MICHAELOUDES C.
MIDULLA F.
MIGLIORE M.
MIHAICUTA S.
MIRA-AVENDANO I.
MISHRA A.
MÖLLER A.
MONDONI M.
MONTAGUE D.
MONTEIRO DRUMMOND FREITAS M.
MOOKHERJEE N.
MOOR C.
MORELLI N.
MORLACCHI L.
MOSCHINO L.
MUKHERJEE M.
MÜLLER V.
MUNAVVAR M.
N
NADEEM I.
NANZER A.
NEMERY B.
NENNA R.
NIETO-FONTARIGO J.
NOSSENT E.
NOVOA N.
NYBERG A.
O
O'BRIEN H.
ÖCAL N.
O'CALLAGHAN M.
ODEMYR M.
OESTREICH M.
OH Y.
ÖNER EYÜBOĞLU A.
ONG-SALVADOR R.
OSTERHAUS A.
OZOH O.
P
PADILHA J.
PALANGE P.
PAPADOPOULOU E.
PAPI A.
PARKS H.
PATAKA A.
PATEL D.
PATEL D.
PATOUT M.
PELGRÖM A.
PERCH M.
PEREIRA CATARATA M.
PEREIRA REGO A.
PERGER E.
PETRARCA L.
PHILIPPOT Q.
PICIUCCHI S.
PIETERSEN P.
PIJNENBURG M.
PINILLA L.
PINNOCK H.
PINTO D.
PLANTÉ-BORDENEUVE T.
POBEHA P.
POBEREZHETS V.
PODDIGHE D.
POHL S.
POHUNEK P.
POLVERINO E.
POLVERINO F.
PORSBJERG C.
PORTACCI A.
POWELL P.
PRASSE A.
PRAT AYMERICH C.
PREMUDA C.
PRINCIPE S.
PROSCH H.
PURCELL M.
R
RABEC C.
RADOSAVLJEVIC S.
RAHMAN N.
RAMAKRISHNAN S.
RAMOS BARBON D.
RAMOS-RAMÍREZ P.
RAMSEY K.
RANISZEWSKA A.
RAVI A.
RAYWOOD E.
REDOLFI S.
REID W.
REIJNDERS T.
REVILLA LOPEZ E.
REYNAERT N.
RICCIARDI S.
RICCIARDOLO F.
RIDDELL P.
RINALDO R.
RINK S.
RIVERA ORTEGA P.
ROBINSON B.
ROCHE N.
RODRIGUES A.
ROGLIANI P.
ROLANDSSON ENES S.
ROMANET C.
RONSMANS S.
ROSA DE OLIVEIRA V.
ROZMAN A.
RUPANI H.
RUSCONI F.
RUSSELL A.
RUWISCH J.
RYAN S.
S
SAGLANI S.
SALGADO R.
SAMITAS K.
SANCHEZ DE LA TORRE M.
SANDS D.
SAPEY E.
SATIA I.
SAUNDERS P.
SAVALE L.
SAXER S.
SCHAEFFER M.
SCHIZA S.
SCHLEICH F.
SCHNEPF D.
SCHULTZ H.
SCHWARZ E.
SELLARES TORRES J.
SHAH A.
SHAKESPEARE J.
SHTEINBERG M.
SICILIANO M.
SILVA L.
SIMONS S.
SIMPSON S.
SINGANAYAGAM A.
SINGH D.
SINGH R.
SINIS S.
SITBON O.
SIVAPALAN P.
SKRGAT S.
SKRZYPSKI M.
SLAATS M.
SLOB E.
SMITH D.
SNELGROVE R.
SOHAL S.
SORIANO J.
SOUMAGNE T.
SPRUIT M.
STANOJEVIC S.
STAPLES K.
STEED L.
STEFANOVA CHAKMA M.
STEIROPOULOS P.
STEWART I.
STOLZ D.
STRAMBU I.
STRINGER W.
SWIFT A.
SYKES D.
T
TAGARIELLO F.
TAN H.
TAUBE C.
TAVERNER P.
TESTELMANS D.
THOMAS M.
TOSHNER M.
TSIKRIKA S.
TSILIGIANNI I.
TURNER A.
U
UBAGS N.
UGONNA K.
UĞUR CHOUSEIN E.
ULLER L.
ULRICH S.
UNGER S.
USMANI O.
V
VAES A.
VAGHEGGINI G.
VALENZUELA C.
VALIPOUR A.
VAN BOVEN J.
VAN DEN BERGE M.
VAN DEN BORST B.
VAN DER DOES A.
VAN DER HEIJDEN E.
VAN GEFFEN W.
VAN INGEN J.
VAN MEEL E.
VANFLETEREN L.
VANHAVERBEKE K.
VARGAS CENTANARO G.
VENDITTO L.
VERHULST S.
VIEGI G.
VIJVERBERG S.
VILDE R.
VILLAR ALVAREZ F.
VISCA D.
VLAMI K.
VOGIATZIS I.
VOISIN T.
VOLPATO E.
VONTETSIANOS A.
W
WALTER K.
WANG R.
WHEELOCK C.
WIEMERS A.
WIJSENBEEK M.
WILKINSON T.
WILLIAMS Z.
WINCK J.
WOLDHUIS R.
WU C.
WU J.
WU X.
WUYTS W.
Y
YANG F.
YORGANCIOĞLU A.
Z
ZACHARASIEWICZ A.
ZANNIN E.
ZAPPA M.
ZAROGIANNIS S.
ZUCCATOSTA L.
ZURBA L.
ZYSMAN M.

DISCUSSANT INDEX

Name, Session number

C
COTTIN V.
CRIMI C.
D
DELCROIX M.
G
GAILLARD E.
K
KOVACS G.
M
MURPHY P.
O
OLLAND A.
R
RAHMAN N.
RIVERA ORTEGA P.
U
USMANI O.
V
VAN BRAECKEL E.
W
WILKINSON T.
Y
YORGANCIOĞLU A.
Z
ZACHARASIEWICZ A.

SPEAKER INDEX

Name, Presentation number

A
AARON S.
ADAIR-ROHANI H.
ADAMO M.
ADDALA D.
ADEGUNSOYE A.
ADHIKARI T.
AHMED S.
AKGÜN M.
ALEJANDRE ALCÁZAR M.
ALIBERTI S.
ALTENBURG J.
AMIN R.
ANDERSEN T.
ANDERSEN Z.
ANNEMA J.
ANNESI MAESANO I.
ANTONIOU K.
ASCIAK R.
ASLAM B.
B
BAFADHEL M.
BAJWAH S.
BALDWIN D.
BANKA R.
BARCO S.
BARREIRO PORTELA E.
BASIL M.
BAYLIS S.
BEAUCHAMP M.
BEDAWI E.
BEECH A.
BEER M.
BEGOÑA I.
BENDIXEN M.
BENDSTRUP E.
BERTOLETTI L.
BHATNAGAR R.
BILLE A.
BINAGWAHO A.
BIZYMI N.
BLASINSKA K.
BLOOM C.
BLUM T.
BLYTH K.
BOGAERT D.
BONINI M.
BONSIGNORE M.
BONT L.
BONTA P.
BOS L.
BOSSIOS A.
BOUCLY A.
BOUDEWIJN I.
BOURDIN A.
BOUTOU A.
BRATT E.
BRÄUNLICH J.
BREYER-KOHANSAL R.
BRIGHTLING C.
BROCHARD L.
BRUNELLI A.
BRUSSE-KEIZER M.
BRUSSELLE G.
BUGALHO DE ALMEIDA A.
BURNEY P.
BUSH A.
BYRNE A.
C
CABRERA LOPEZ C.
CALFEE C.
CANCIO S.
CAO Z.
CAPUA I.
CARDOSO J.
CARLSTEN C.
CASINI C.
CASTRO J.
CASTRO RODRIGUEZ J.
CAVALCANTI A.
CHALMERS J.
CHAMBERS R.
CHAN A.
CHARALAMPOPOULOS A.
CHATZI V.
CHEN Z.
CHENG G.
CHERMITI BEN ABDALLAH F.
CHEW W.
CHOROSTOWSKA-WYNIMKO J.
CHOW C.
CHUANG H.
CHUNG K.
CILLONIZ CAMPOS C.
CLARK J.
CLEMM H.
CLOONAN S.
COHEN S.
ÇOLAK Y.
CONDLIFFE R.
CORDEIRO LOPES C.
CORTE T.
CORTOT A.
COSTA F.
COTTIN V.
COUTURAUD F.
COX R.
CRABBÉ A.
CRESTANI B.
CRIMI C.
CRINER G.
CROMBAG L.
CRUZ J.
CUEVAS OCAÑA S.
CURROW D.
CYSNEIROS A.
D
DĄBROWSKA M.
D'ANCONA G.
DANDANELL JUUL A.
DANIELS J.
DE CASTRO PEREIRA C.
DE COPPI P.
DE FREITAS CASTRO T.
DE JONGH F.
DE KANTER - KOPPENOL W.
DE MATTEIS S.
DE MEULDER B.
DE OLIVEIRA PITTA F.
DE SANTI C.
DE SOOMER K.
DE WEVER W.
DELACOURT C.
DELCROIX M.
DELGADO ORTIZ L.
DEMEYER H.
DENNISTON P.
DEQUIN P.
DEVEREUX G.
DHAR R.
DHARMAGE S.
DHEDA K.
DIAMANT Z.
DICKHOFF C.
DILEKTAŞLI A.
DINH-XUAN A.
DOMAGAŁA-KULAWIK J.
DÖNZ J.
DORFMÜLLER P.
DOST A.
DUARTE R.
DUCKWORTH A.
DUIVERMAN M.
E
EBER E.
EBI K.
EFFING-TIJDHOF T.
ESENDAGLI D.
EVANS R.
EVERAERTS S.
F
FABBRI L.
FALSTER C.
FALZON D.
FARRÉ VENTURA R.
FARVER-VESTERGAARD I.
FEENSTRA S.
FERRAROTTI I.
FERRER R.
FEYS S.
FILIPPIDIS F.
FISSER C.
FLEMING L.
FORASTIERE F.
FOWLER S.
FOXMAN E.
FRANCZUK M.
FRANKLIN R.
FRANSSEN F.
FRILLE A.
G
GAILLARD E.
GAPPA M.
GARCIA MOYANO M.
GARCIA-AYMERICH J.
GARCÍA-VIDAL C.
GASPARINI S.
GAUDEN G.
GEHRING U.
GEISER T.
GILLE T.
GLASGOW A.
GLASPOLE I.
GODINAS L.
GOMPELMANN D.
GONZALEZ J.
GOPALAN D.
GORTER J.
GRAMEGNA A.
GRAY D.
GREENE C.
GROTE L.
GUEDES BALDI B.
GUERY J.
GUGLIELMETTI L.
GUIOT J.
GULER S.
GUPTA N.
GUPTA N.
H
HABIB G.
HADCHOUEL-DUVERGÉ A.
HALLIFAX R.
HAMAÏDE J.
HAMBERGER E.
HAMERLIJNCK D.
HAMUTCU ERSU R.
HAN M.
HÄNISCH B.
HARARI S.
HARDAVELLA G.
HARRISON S.
HARTERT T.
HARTLEY M.
HARTMANN-BOYCE J.
HASSAN J.
HASSAN M.
HAYS L.
HEBESTREIT H.
HEDBERG T.
HEIJINK H.
HEINEMAN D.
HEINZER R.
HENNINK M.
HEROLD S.
HERTH F.
HETZEL J.
HEUNKS L.
HEUVELMANS M.
HOEPER M.
HOFFMANN B.
HOFFMANN-VOLD A.
HOLM A.
HORANI A.
HORVÁTH I.
HOWLETT P.
HUBER R.
HUI I.
HULL J.
HUMBERT M.
HUMBERT-DORFMÜLLER E.
HWEE L.
I
IFEOMA PICKENS C.
ILLY K.
IQBAL B.
ISARANUWATCHAI W.
ISRAEL E.
J
JANKOVIC MAKEK M.
JANSON C.
JANSSEN D.
JANSSENS L.
JARA-PALOMARES L.
JEEBHAY M.
JELITTO M.
JENY F.
JIMÉNEZ CASTRO D.
JIMENEZ RUIZ C.
JIWNANI S.
JOHANNESSEN A.
JOHNSTON F.
JOOS G.
K
KADITIS A.
KALKANIS A.
KAPLAN A.
KARAGIANNIDIS C.
KARUMBI J.
KAUFMAN J.
KERPEL-FRONIUS A.
KHALEVA E.
KHEDOE P.
KHIRANI S.
KHOO E.
KHOR Y.
KIELY D.
KIM C.
KING G.
KIRENGA B.
KIVASTIK J.
KOEGELENBERG C.
KOKOSI M.
KOLB M.
KOLMERT J.
KOLTSIDA O.
KOMPATSIARI E.
KONDOH Y.
KONGE L.
KONTOGIANNI K.
KONTOPIDIS D.
KOTECHA S.
KOUDSTAAL T.
KOULOPOULOU M.
KOUMBOURLIS A.
KOURANOS V.
KOVACS G.
KOZIAR VASAKOVA M.
KRAMER-GOLINKOFF E.
KREUTER M.
KUEHNI C.
KULKARNI S.
KUNST H.
KWAK N.
L
LANGE C.
LARSON H.
LATIMER L.
LAURSEN C.
LAVENEZIANA P.
LAWN J.
LEASE E.
LEHMANN M.
LENFERINK A.
LEROUX P.
LEWTHWAITE H.
LICHTBLAU M.
LIPMAN M.
LIPWORTH B.
LOEBINGER M.
LØKKE A.
LOMBARDI C.
LONG M.
LOUKIDES S.
LUO Z.
LURZ P.
LYNCH G.
M
MACHADO F.
MAHÉ I.
MAHMOOD K.
MAITLAND-VAN DER ZEE A.
MAKONGA-BRAAKSMA J.
MALPASS A.
MANALI E.
MANGIAPAN G.
MARGARITOPOULOS G.
MARILLIER M.
MARSLAND B.
MARTÍNEZ VÁZQUEZ M.
MARTIN-LOECHES I.
MARTONE F.
MASEKELA R.

MASKELL N.
MATHIOUDAKIS A.
MATKOVIC V.
MATTHIES P.
MAURICI DA SILVA R.
MAYER L.
MAYLAN V.
MCDERMOTT S.
MCDONALD V.
MCGOWAN A.
MEIJBOOM L.
MELONI F.
METERAN H.
MEYER SAUTEUR P.
MEYS R.
MIDULLA F.
MIGLIORI G.
MIŽIK I.
MOCUMBI A.
MOLIMARD M.
MOLINA MOLINA M.
MÖLLER A.
MONGODI S.
MONTAGUE D.
MONTERO ARIAS M.
MOOR C.
MOORE V.
MORGAN N.
MORICE A.
MUKHERJEE M.
MUNSHI L.
MURPHY P.
MWEWA T.
N
NAFEES A.
NAVA S.
NAVALESI P.
NAWIJN M.
NEDER J.
NEIRA M.
NEMERY B.
NEWCOMB D.
NIKOLIC M.
NINO G.
NOLL R.
NORIEGA AGUIRRE L.
NOSSENT E.
NOVOA N.
NYBERG A.
O
ÖCAL N.
ODEMYR M.
OLIVIER K.
OLLAND A.
OLSSON K.
O'MAHONY D.
ONG-SALVADOR R.
ONORATI P.
OTAOLA M.
OWENS C.
OZOH O.
P
PAI M.
PALANGE P.
PALKONEN S.
PALLISA E.
PAPADOPOULOS N.
PARDO SAGANTA A.
PARK D.
PARKS H.
PARTRIDGE M.
PATAKA A.
PATOUT M.
PATTERSON C.
PECOVA R.
PÉPIN J.
PEREIRA CATARATA M.
PERGER E.
PETRY J.
PICCARI L.
PIETERSEN P.
PIJNENBURG M.
PINELLI V.
PINNOCK H.
PIQUILLOUD L.
PIRNAY P.
PLETZ M.
POLETTI V.
POLVERINO E.
PORSBJERG C.
POWELL Z.
PRASSE A.
PRAT AYMERICH C.
PREMUDA C.
PRÉVOST B.
PRICE L.
PRIETO CAMPO Á.
PRINCIPE S.
PROSCH H.
Q
QU J.
QUINT J.
QUINTERO V.
R
RADONIC T.
RAHMAN N.
RALI P.
RAMASWAMY V.
RANDERATH W.
REDOLFI S.
REECEJONES L.
REGAMEY N.
REGARD L.
RENZONI E.
RHEE C.
RICE M.
RIHA R.
RIVERA ORTEGA P.
RIVERA-LEBRON B.
ROBINSON B.
ROCA GAS O.
RØMHILD DAVIDSEN J.
ROSENBLATT J.
ROSENKRANZ S.
ROSSITER H.
ROUX A.
ROZMAN A.
RUTTER M.
RUWISCH J.
RYAN S.
RYERSON C.
S
SAGLANI S.
SAHA S.
SAHAY S.
SALIM H.
SANCHEZ O.
SANCHEZ DE LA TORRE M.
SATIA I.
SCHAEFFER M.
SCHEIBYE-KNUDSEN M.
SCHILLER H.
SCHIZA S.
SCHLEICH F.
SCHNEEBERGER T.
SCHRAMM D.
SCHWARZ E.
SCHWERK N.
SCOTTON C.
SEBERT S.
SEHGAL S.
SHARMA A.
SHATTOCK A.
SHIGEMURA N.
SHLOBIN O.
SHOEMARK A.
SHTEINBERG M.
SICILIANO M.
SILVA MAIA I.
SIMPSON S.
SIN D.
SINGER M.
SINGH D.
SINGH S.
SITBON O.
SITGES M.
SKAARA H.
SKAARUP S.
SLEBOS D.
SMALLWOOD N.
SMITH J.
SOLINAS S.
SONG W.
SORIANO J.
SOWUNMI A.
SPIES S.
SPINELLI E.
STAMOULI E.
STEED L.
STOLZ D.
STORF H.
STRINGER W.
SUN Y.
SUNDARALINGAM A.
SURINDER J.
SVANES C.
SVENNINGSSON A.
SWAMINATHAN S.
SWIFT A.
SYLVESTER K.
T
TACCONELLI E.
TAN H.
TÁRNOKI Á.
TAVERNER P.
TEN BRINKE A.
TESTELMANS D.
TETELBOM STEIN R.
THÉBAUD B.
THOMAS M.
TOMASSETTI S.
TRAUTMANN M.
TRAVERSI L.
TREVOR D.
TRISTAN C.
TROMEUR C.
TROY L.
TRUDZINSKI F.
TSIKRIKA S.
TSIM S.
TWAGIRUMUGABE T.
TZOUVELEKIS A.
U
UBAGS N.
UDWADIA Z.
ULLER L.
UNGER S.
USMANI O.
UZUNHAN Y.
V
VALENTE PINTO M.
VALENZUELA C.
VAN AMELSVOORT T.
VAN BOVEN J.
VAN BRAECKEL E.
VAN DE VEERDONK M.
VAN DEN AARDWEG J.
VAN DEN BERGE M.
VAN DEN DUNGEN C.
VAN DER HEIJDEN E.
VAN DORP M.
VAN ECK P.
VAN GEFFEN W.
VAN WISSEN M.
VARGAS H.
VEGA M.
VELTKAMP M.
VERBRAECKEN J.
VERHULST S.
VERKLEIJ M.
VIJVERBERG S.
VIRCHOW J.
VISCUSO M.
VOGIATZIS I.
VOLLSETER M.
VOLPATO E.
VOLPI S.
VOLPICELLI G.
VRIJHEID M.
W
WALKER S.
WALTER K.
WAPENAAR - DE KORVER M.
WARE L.
WATERS V.
WATZ H.
WAUTERS J.
WEATHERALD J.
WICK C.
WIJSENBEEK M.
WILKINSON T.
Y
YILDIRIM A.
YIM J.
YORGANCIOĞLU A.
Z
ZACHARASIEWICZ A.
ZAJAC L.
ZAR H.
ZOU D.
ZURBA L.
ZWITSERLOOT A.

AUTHOR INDEX

Name, Abstract number

A
A CRUZ Á.
A F FREGONEZ G.
A GONCHAROV D.
A HIRST R.
A INGRAM K.
A L L-S T A R RESEARCH GROUP *.
A LAVERTY A.
A. ALEJANDRE-ALCAZAR M.
A. BARBERA J.
A. FONSECA J.
A. FRANKLIN* K.
A. GÜZEL N.
A. RIEGER M.
A. SPRUIT M.
A. SPRUIT, ON BEHALF OF THE U-BIOPRED STUDY GROUP M.
A. TAMIMI M.
AABEL M.
AABENHUS R.
AALBERG VIKJORD S.
AALØKKEN T.
AALTO T.
AANÆS K.
AANYU H.
AARHUS L.
AARLI B.
AARNOUTSE R.
ABAD A.
ABAD FERNÁNDEZ A.
ABADALKAREEM R.
ABAD-CAPA J.
ABADIE V.
ABALI H.
ABASCAL B.
ABÁSOLO-ALCÁZAR L.
ABATE A.
ABBAS S.
ABBAS Y.
ABBASI A.
ABBASI M.
ABBASIDEZFOULI S.
ABBASOVA A.
ABBASSI M.
ABBATE T.
ABBI B.
ABD RAHAMAN Y.
ABDALA S.
ABDALLAH MABROUK M.
ABDEL AZIZ ELSHEIKH M.
ABDELAZIZ A.
ABDELAZIZ N.
ABDEL-AZIZ M.
ABDELBASSAT K.
ABDELFATTAH R.
ABDELFATTAH T.
ABDELGAHNY E.
ABDELGHAFFAR H.
ABDELGHANI A.
ABDELHAQ A.
ABDELHEDI H.
ABDELHEDI Y.
ABDELKABIR A.
ABDELKAREEM H.
ABDELKBIR A.
ABDELKBIR A.
ABDELKEBIR A.
ABDELLATIF S.
ABDELLOUCH D.
ABDELMOULA M.
ABDELOUAHAB F.
ABDELRAHMAN H.
ABDELRAHMAN N.
ABDENADHER M.
ABDENNADHER M.
ABDENNADHER M.
ABDENNEJI S.
ABDESSALEM M.
ABDESSELEM M.
ABDO M.
ABDRAKHMANOVA D.
ABDUGANIEVA E.
ABDUL AZIZ A.
ABDUL HALIM N.
ABDULAAL L.
ABDULHAQ A.
ABDULLAH M.
ABDULLAH Q.
ABDULLAYEV G.
ABDULQAWI R.
ABDULRAHMAN H.
ABE K.
ABELHA R.
ABELN H.
ABERCROMBY S.
ABERNETHY K.
ABERSON H.
ABIA-TRUJILLO D.
ABID H.
ABID H.
ABID K.
ABID N.
ABIR B.
ABISHEGANADEN J.
ABISHEGANADEN J.
ABI-SLEIMEN A.
ABKIR M.
ABLOTT J.
ABMA W.
ABO M.
ABOELHASSAN A.
ABOHALAKA R.
ABO-HEO N.
ABOMANDOUR FOUDA M.
ABONYI S.
ABONYI-TÓTH Z.
ABOU OUF M.
ABOU TAAM R.
ABOUALI O.
ABOUBAKAR NANA F.
ABOUSHEHATA M.
ABOZID H.
ABRAHAMSEN J.
ABRAMSON M.
ABRAMSON M.
ABRAR S.
ABREU G.
ABREU G.
ABREU DA MATA D.
ABREU GONZÁLEZ J.
ABRIL CASTAÑON R.
ABROUG F.
ABTAHIAN Z.
ABU ABOUD O.
ABU BAKAR S.
ABU HUSSEIN N.
ABU NAGLAH A.
ABUBAKAR Z.
ABUELKASSEM N.
ABUGASSA E.
ABUHELAL S.
ABU-HUSSEIN N.
ABUOUF Y.
ABUQAYYAS L.
ABUSHAHIN A.
ABUTBUL A.
ACAR A.
ACAR N.
ACARTURK TUNCAY E.
ACAT M.
ACCASSAT S.
ACCINNO M.
ACCOGLI R.
ACCORDINI S.
ACCORDINO F.
ACCORDINO G.
ACCOTO R.
ACEBO P.
ACEBO CASTRO M.
ACENG P.
ACERBI SARTI A.
ACERO S.
ACET N.
ACET ÖZTÜRK N.
ACHAIAH A.
ACHIAIAH A.
ACHTERBERG S.
ACHTERBOSCH M.
ACICAN T.
ACKER T.
ACKERMANN D.
ACKERMANN G.
ACOSTA K.
ACOSTA FERNÁNDEZ O.
ACOSTA-MENA D.
ACOSTA-PLASENCIA M.
ACQUATI G.
ACUÑA S.
ACUÑA IZCARAY A.
ADAB P.
ADACHI S.
ADAM A.
ADAM C.
ADAM D.
ADAM D.
ADAM I.
ADAMALI H.
ADAMALI H.
ADAMCZEWSKA M.
ADAMEK M.
ADAMI G.
ADAMIČ K.
ADAMIDE T.
ADAMS A.
ADAMS J.
ADAMS R.
ADAMS T.
ADAMS W.
ADAMZEK K.
ADARKWAH C.
ADASKINA N.
ADCOCK I.
ADCOCK I.
ADCOCK I.
ADCOCK I.
ADCOCK I.
ADDALA D.
ADDY C.
ADEGUNSOYE A.
ADEL A.
ADEL M.
ADEMHAN TURAL D.
ADEMZEK K.
ADENIJI K.
ADESEIYE S.
ADESIBIKAN A.
ADIBI A.
ADIGUZEL N.
ADIL M.
ADILETTA V.
ADINOLFI G.
ADIR Y.
ADLER A.
ADNER M.
ADNOT P.
ADRIAENSEN C.
AEGERTER H.
AELBRECHT C.
AERSSENS N.
AERTS G.
AERTS J.
AFONSO M.
AFONSO R.
AFROSE D.
AFSARI F.
AFŞIN E.
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AGUADO A.
AGUADO B.
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AGUAYO S.
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AGUERRE V.
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ÁGÚSTSSON J.
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AHUJA N.
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AHVENJÄRVI L.
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AIELLO M.
AIGNER C.
AILAWADI N.
AINI L.
AINSCOUGH K.
AINSLIE P.
AINSTHORPE G.
AINSWORTH B.

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AIS-DAZA A.
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AISSA S.
AIVALIOTIS M.
AIZAWA H.
AJAYI C.
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AKBI S.
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AKCA DINÇ G.
AKDAS Y.
AKDENIZ E.
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AKHUNJI M.
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AKKITAP YIĞIT M.
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AKKÜTÜK ÖNGEL E.
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AKSEL-UYLAR A.
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AKTEMUR ÜNLÜ A.
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AKUTSU T.
AKYAN SOYDAŞ Ş.
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AKYLBEKOV A.
AL ABRI A.
AL ABRI M.
AL AMERI S.
AL ARFI K.
AL BUSAIDI N.
AL DHOUYANI B.
AL DUHAILIB Z.
AL HAJ O.
AL JASSIM F.
AL JUBAER S.
AL KHABBAZ H.
AL KHATTAN K.
AL KINDI H.
AL MAASHARI R.
AL MAGDUB I.
AL MUTAIRI S.
AL SALLOUM S.
AL SHEHHI B.
AL TORKMANI M.
AL WAHEDI3 M.
AL YARUBI S.
AL ZOUBI H.
ALABADAN E.
ALABED S.
ALÁEZ GÓMEZ M.
ALAGA A.
ALAGAPPAN V.
ALAGOZ N.
ALAGÜNEY M.
ALAHAKOON J.
AL-AHMAD M.
ALAIMO A.
ALAJMI R.
ALAM M.
ALAM S.
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ALAMI S.
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ALARCÓN S.
ALARCON CALDERON A.
ALARFI K.
ALAŞAN F.
ALATAS F.
ALATAS F.
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ALBANO G.
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ALBERS G.
ALBERT KOLSTAD H.
ALBERTINI C.
ALBICINI F.
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ALBOUZIDI C.
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ALBUQUERQUE J.
ALBUQUERQUE R.
ALCABEDOS L.
ALCAINE A.
ALCANTARA S.
ALCANTARA HOLANDA M.
ALCANTARA VERRI B.
ALCARAZ V.
ALCARAZ-SERRANO V.
ALCARRAZ VÁZQUEZ L.
ALCÁZAR-NAVARRETE B.
ALCORTA MESAS Á.
ALDAKHIL H.
ALDÀS I.
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ALDECO M.
ALDERAZI S.
ALDOSSARY H.
ALECTO-AZNAR E.
ALEEMUDDIN N.
ALEGRIA M.
ALEJANDRE ALCÁZAR M.
ALEJANDRE ALCÁZAR M.
ALEJANDRE-ALCÁZAR M.
ALEKKOU D.
ALEKSANDROVA I.
ALEKSIC V.
ALEMÁN SEGURA D.
ALEMDAR A.
ALENEZY N.
ALESSA A.
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ALETAHA D.
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ALEXIADIS A.
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ALEXOPOULOS I.
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ALFAIATE T.
ALFAIZ L.
ALFANO F.
ALFANO G.
ALFANO P.
ALFARO E.
ALFARO COTO M.
ALFAYA FIAÑO I.
ALFEHEID N.
ALFERES DA LIMA HEADLEY D.
ALFERES DE LIMA HEADLEY D.
ALFIERI P.
ALFONSO-CRISTANCHO R.
ALFORD E.
AL-FORI J.
ALGE M.
ALGHAMDI S.
ALGHARABLY A.
ALGWAIZ G.
ALHAJ AHMAD M.
AL-HARBAWI B.
ALHARBI A.
ALHARBI A.
ALHARBI E.
ALHARBI T.
ALHAWITI T.
ALHEFNY A.
ALHELOU T.
AL-HINDAWI Y.
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AL-HUSBAN H.
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ALHUTAYLAH N.
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ALICI N.
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ALIKHAN A.
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ALIMI H.
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ALISHBAYLI G.
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ALISON J.
ALIUS R.
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ALIYEVA G.
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AL-JARAH B.
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ALJOHANI H.
ALKAN A.
ALKAN M.
ALKASSAR Y.
ALKATTAN K.
ALKAYYAT A.
ALKHATHAMI M.
ALLAGA RAMOS L.
ALLAHYAR A.
ALLALI B.
ALLANORE Y.
ALLARD B.
ALLEGRINI C.
AL-LEHEBI R.
ALLEHYANI B.
ALLEN A.
ALLEN D.
ALLEN J.
ALLEN J.
ALLEN N.
ALLEN V.
ALLÈS B.
ALLGEIER-SMITH C.
ALLINNE J.
ALLINSON J.
ALLINSON J.
ALLINSON J.
ALLISON J.
ALLMON A.
ALLU S.
ALLUHIBI R.
ALLUHIBI* R.
ALLWOOD B.
ALMA F.
ALMADANA PACHECO V.
ALMADANA-PACHECO V.
ALMAGHRABI A.
ALMAGHRABI F.
ALMALKI R.
ALMANSOOR Z.
ALMAZROUEI K.
ALMEAMAR H.
ALMEIDA F.
ALMEIDA F.
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ALMEIDA-SOUZA H.
ALMEIDA-VAL F.
ALMENDROS I.
ALMESHARI M.
ALMIR FEITOSA MORAIS P.
ALMONACID SÁNCHEZ C.
ALMOND H.
ALMQVIST C.
ALMQVIST G.
ALMUHANNA A.
ALMUTAIRI A.
ALMUTAIRY E.
AL-MUTAIRY E.
AL-NAABI I.
ALNAHDI N.
ALNAIMI A.
ALOBID I.
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ALOI A.
ALOISIO M.
ALOMARI O.
ALONSO MORALEJO R.
ALONSO PÉREZ T.
ALOSTA K.
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ALOTAIBI M.
ALOTAIBI N.
ALOTAIBI N.
ALOUI A.
ALOULOU Y.
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AL-RAMADHAN M.
AL-RAMMAHI U.
ALRASHDI A.
ALRFOOH A.
ALRODIMAN O.
ALSAAB S.
ALSAFI M.
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ALSEM M.
AL-SHAIR K.
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ALSHARIFI A.
ALSHARKAWY A.
ALSHEKLLY B.
ALSHIHRY A.
ALSINA RESTOY X.
ALSINA-RESTOY X.
ALSOMALI A.
AL-TAMIMI A.
ALTAN G.
ALTAN I.

ALTARAIHI S.
ALTARELLI M.
ALTARRIBAS-BOLSA E.
ALTAY A.
ALTENBURG J.
ALTER P.
ALTHOBIANI M.
ALTIN C.
ALTIN S.
ALTINCATAL A.
ALTINDAS C.
ALTINIŞIK ERGUR G.
ALTRAJA A.
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ALTUNA-CO A.
ALTUNAY E.
ALTWAIJRI Y.
ALUMNO S.
ALUPO P.
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ALVARADO CASTILLO J.
ALVARENGA SANTOS M.
ALVARENGA-SANTOS M.
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ALVAREZ P.
ÁLVAREZ ALBARRÁN J.
ÁLVAREZ GUTIERREZ F.
ALVAREZ NAPOLES A.
ALVAREZ-GUTIERREZ F.
ÁLVAREZ-SALA R.
ÁLVAREZ-SALA WALTHER R.
ALVES A.
ALVES C.
ALVES J.
ALVES L.
ALVES P.
ALVES S.
ALVES S.
ALVES DE QUEIROGA VILAR S.
ALVES MOREIRA L.
ALVES VALENTE M.
ALVES-MOREIRA L.
ALVING K.
ALVOEIRO M.
AL-WAWI O.
ALYAMI A.
ALYAMI R.
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ALZAHARNI H.
ALZAHRANI A.
AL-ZAYER S.
ALZETANI A.
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AMADO DIAGO C.
AMAKUSA Y.
AMAN J.
AMANDA G.
AMANDA P.
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AMARO R.
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AMATO-LOURENÇO L.
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AMBROSINI F.
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AMRANI Y.
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AMSELEM S.
AN M.
AN Q.
AN T.
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ANAGNOSTOPOULOU C.
ANAGNOSTOPOULOU P.
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ANASTASOPOULOU I.
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ANCOCHEA-BERMÚDEZ J.
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ANDRADE L.
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ANDRADE RODRIGUES DA FONSECA H.
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ANDREASSON T.
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ANDRENACCI B.
ANDREONI P.
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ANDREUCCI G.
ANDREW R.
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ANDRIQUE L.
ANDROVANDI L.
ANDRZEJEWSKI K.
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ANEVLAVIS S.
ANG C.
ANG K.
ANG L.
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ANGELI F.
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ANGELO DE MORAES B.
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ANGILERI G.
ANGINO A.
ANGINO A.
ANGKERST J.
ANGLIN R.
ANGUITA-RUIZ A.
ANGULO-CRUZ L.
ANIBARRO GARCÍA L.
ANICKER S.
ANIFTOS O.
ANIL H.
ANIM-KORANTENG C.
ANISCENKO J.
ANKARALI H.
ANKE W.
ANKERST J.
ANNA AALBERG VIKJORD S.
ANNANE D.
ANNEMA J.
ANNEMA J.
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ANNESI-MAESANO I.
ANNETTS G.
ANNONI R.
ANNUNZIATA A.
ANOKYE N.
ANORO-ABENOZA L.
ANSARI H.
ANSARI Z.
ANTAL D.
ANTÃO J.
ANTAO V.
ANTCLIFFE D.
ANTHRACOPOULOS M.
ANTICS D.
ANTIGNY F.
ANTINOZZI M.
ANTOGNONI E.
ANTOINE F.
ANTON E.
ANTON ALBISU P.
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ANTONAGLIA C.
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ANTONAKIS M.
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ANTONIEWICZ L.
ANTONINO L.
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ANTYPKIN Y.
ANUJA R.
ANVER J.
ANWAR M.
ANZUETO A.
AO D.
AO M.
AONO A.
AOWEN Z.
AP P.
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APALITE E.
APARECE-SOLIS S.
APARECIDA NEPOMUCENO N.
APHRIDASARI J.
APOLLONATOU V.
APOSTOLOVA O.
APPELT D.
APPENDINI L.
APPERLOO L.
APRILE V.
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AQUILA G.
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ARAI T.
ARAI T.
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ARAQUE MOLINA C.
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ARAS I.
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ARAÚJO C.
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ARAÚJO T.
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ARAUJO HOEFEL G.
ARAÚJO PEREIRA M.
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ARCHER G.
ARCO-HIERVES A.
ARCOS PACHECO L.
ARCOVERDE NUNES E.
ARCUCCI R.
ARCUCCI R.
ARDAVANIS G.
ARDESI F.
ARDIL U.
ARDITO M.
ARÊAS G.
AREAS G.

AREIAS V.
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ARENAS VALLS N.
ARENTS E.
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ARFA S.
ARFEEN M.
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ARGIROPOULOU A.
ARGUIS M.
ARGUN BARIŞ S.
ARGUS F.
ARGYRIOU A.
ARGYRIOU I.
ARGYROPOULOU A.
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ARIAS E.
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ARIB G.
ARIENS R.
ARIENZO A.
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ARIF M.
ARIF M.
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ARIKAN I.
ARINÇ S.
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ARISMENDI NÚÑEZ E.
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ARISTOV J.
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ARN S.
ARNAOUT R.
ARNAUD L.
ARNAUDOVA DANEVSKA I.
ARNEDILLO MUÑOZ A.
ARNEDILLO-MUÑOZ A.
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ARNOL N.
ARNOLD D.
ARNOLD D.
ARNOLD J.
ARNOLD L.
ARNOLD P.
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ARN-ROTH T.
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ARORA K.
ARORA S.
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AROWOSEGBE O.
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ARREDONDO M.
ARRIGO E.
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ARROUCH S.
ARROYO M.
ARROYO AGUIRRE M.
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ARTAUD C.
ARTAUD MACARI E.
ARTAUD-MACARI E.
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ARTIANO M.
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ARTIGA G.
ARTIGAS A.
ARTIGAS A.
ARTILLO PICÓN M.
ARTUSO R.
ARTYSH N.
ARUANNO D.
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ARVANITAKI A.
ARVANITI V.
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ARVELO CASTRO L.
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ASCANIUS JACOBSEN P.
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ASCUNTAR VELÁSQUEZ M.
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ASMA C.
ASMARA O.
ASO J.
ASO GONZÁLEZ S.
ASO-GONZÁLEZ S.
ASPDAHL M.
ASPEY M.
ASRAT S.
ASSADINIA N.
ASSASA M.
ASSAWABHUMI J.
ASSAWAWORRARIT P.
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ASSEM M.
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ASSOUAD J.
ASTLEY J.
ASTORECA MARTINDEZ A.
ASTORI C.
ASTOUL P.
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ATA N.
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ATAN R.
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AUGISTO DOS SANTOS J.
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AUGUSTINE D.
AUGUSTYNIAK M.
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AVCIOĞLU A.
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AVERJANOVAITĖ V.
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AVERY L.
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AZUBUIKE-DYER E.
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AZZAM A.
AZZOLA A.

B

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BANZE D.
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BARALDI F.
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BARAŃSKI K.
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BÁRBARA C.
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BARBERIO J.
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BARBIERI V.
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BARBOSA F.
BARBOSA P.
BARBOSA R.
BARBOSA CARNEIRO DE ARAUJO PINHO A.
BARBOSA DE BARROS FERREIRA N.
BARBOSA-SILVA M.
BARBRY P.
BARCA HERNANDO M.
BARCELÓ GONZÁLEZ E.
BÁRCENAS MONTIEL A.
BARCOS P.
BARCOS V.
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BARDAPURKAR S.
BARDAPURKAR S.
BARDARO F.
BARDERAS R.
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BARONE R.
BAROT A.
BARQUERO P.
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BARRETO I.
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BARRIOS-RUIZ A.
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BARROS R.
BARROS Y.
BARROS COELHO D.
BARROSO A.
BARROSO A.
BARROSO M.
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BARROZO L.
BARRY V.
BAR-SHAI A.
BARSON E.
BARST S.
BARTA Z.
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BARTHOLMAI B.
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BARTOLUCCI P.
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BARUA P.
BARWAD A.
BARZAGHI G.
BARZANTI E.
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BAS V.
BAŞ BILGIN G.
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BASAGAÑA X.
BASANÇELEBI B.
BAŞARAN A.
BAŞARAN A.
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BASILE S.
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BASÍLIO J.
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BASOGLU O.
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BASTOS H.
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BATTALGLIA S.
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BATTILORO C.
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BAUNSGAARD-PEDERSEN G.
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BERGER K.
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BERGERON C.
BERGERON V.
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BERGNA M.
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BERMUDO PELOCHE M.
BERNAD SERRANO N.
BERNADY A.
BERNARD A.
BERNARDINELLO N.
BERNARDINO DA SILVA V.
BERNARDO B.
BERNARDO FIGUEIRÊDO B.
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BERNASCONI E.
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BERTOLI M.
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BIANCHI L.
BIANCHI S.
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BIEHLER, ELENA E.
BIEKSIENE K.
BIEKSIENE K.
BIELI C.
BIELOSLUDTSEVA K.
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BIFFI A.
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BINGÖL Z.
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BINNIE W.
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BÍRÓ M.
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BIRRING S.
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BISCHOFF E.
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BISWAS B.
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BITEŽNIK J.
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BIZIOREK L.
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BJERREGAARD A.

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BJØRKEKJÆR H.
BJÖRKLUND F.
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BLÁHA R.
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BLANCHARD M.
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BLEL Y.
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BLIZOU A.
BLIZOU M.
BLOCH J.
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BLOEMEN P.
BLOKLAND K.
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BLOMBERG A.
BLOMBERG R.
BLOMQVIST H.
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BLOOM C.
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BLOT-CHABAUD M.
BLOYE G.
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BLUM T.
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BLUMER S.
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BOARON AZARIA S.
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BOCCABELLA C.
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BODE C.
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BODTGER U.
BOECKELER M.
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BOGADO J.
BOGAERT D.
BOGAERTS K.
BOGOEVSKA V.
BOGOMOLOV A.
BØGVALD AARLI B.
BOHÁCS A.
BOHNET S.
BOHNS MEYER G.
BOHR B.
BOIKO O.
BOIRIE Y.
BOISSIN C.
BOISSON C.
BOITIAUX J.
BOIZA J.
BOIZEAU P.
BOKHARI S.
BOKHAUT J.
BOKOV P.
BOLAND L.
BOLAND U.
BOLD P.
BOLDEN L.
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BOLIS M.
BOLIVAR GRIMALDOS F.
BOLLÉ L.
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BOMMER OUSAGER L.
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BONDARENKO O.
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BONELLI M.
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BONIFAZI M.
BONINI M.
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BONNÉ R.
BONNEAULT T.
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BONNET D.
BONNET S.
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BONOMOLO A.
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BOOSARPU G.
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BORG B.
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BORG J.
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BORGH-SILVA A.
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BÖRNER E.
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BORRILL Z.
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BORYSENKO S.
BORYSHCHUK D.
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BOS S.
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BOSCARO F.
BOSCH W.
BOSCHANN F.
BOSETTI A.
BOSIO A.
BOSKI N.
BOŞNAK GÜÇLÜ M.
BOSNIC-ANTICEVICH S.
BOSNIC-ANTICEVICH S.
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BOSSÉ Y.
BOSSERS A.
BOSSI M.
BOSSIOS A.
BOSSON DAMEWOOD J.
BOSTANCI S.
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BOTTIER M.
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BOUAFIA S.
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BOUAZZI S.
BOUAZZI S.
BOUBEKRI W.
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BOUCHAREB S.
BOUCHER M.
BOUCHERAT O.
BOUCHET C.
BOUCHRA B.
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BOUCOT I.
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BOUDAYA M.
BOUDEWIJN I.
BOUDEWYNS A.
BOUDJEMAA A.
BOUDREAU D.
BOUDREAU M.
BOUÉE S.
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BOURDIN A.
BOURGEAIS G.
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BOURGEOIS M.
BOURGEOIS N.
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BOURKE J.
BOURKE S.
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BOURNE M.
BOUROS D.
BOUROS D.
BOURS V.
BOUSLAMA S.
BOUSMOUKILIA S.
BOUSRAOU Z.
BOUSSAFSAF A.
BOUSSERRHINE Y.
BOUSSOFFARA L.
BOUTAGHANE L.
BOUTANQUOI P.
BOUTBAGHA N.
BOUTIN-PARADIS A.
BOUTOU A.

BOUVAIST H.
BOUVRY D.
BOUYON S.
BOUZ A.
BOU-ZEID W.
BOVE D.
BOVERMANN X.
BOVOLENTA B.
BOWEN T.
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BOWERS B.
BOWHAY B.
BOWLER R.
BOWLER R.
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BOX A.
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BOYD J.
BOYKO V.
BOYLE A.
BOYLE K.
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BOZ C.
BOZ ERAVCI D.
BOZA K.
BOZACK A.
BOŽANIĆ B.
BOZDAĞ F.
BOŽIČ D.
BOZINOVSKI S.
BOZKIR S.
BOZKURT T.
BOZKUS F.
BOZZA E.
BOZZETTI V.
BOZZINI S.
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BRACAMONTE F.
BRACCIALI A.
BRACCIONI F.
BRACEY N.
BRACKE K.
BRACKEL C.
BRADBURY J.
BRADBURY T.
BRADDING P.
BRADDING# P.
BRADDY-GREEN A.
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BRADISH S.
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BRADSHAW T.
BRAGÓS R.
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BRAHEM E.
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BRAILSFORD W.
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BRANDÃO D.
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BRAUN J.
BRAUN J.
BRAUN T.
BRAUNSTAHL G.
BRAUWERS B.
BRAVO C.
BRAVO S.
BRAVO CORTÉS P.
BRAVO LÓPEZ S.
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BRAVO MASGORET C.
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BRAVO-LÓPEZ M.
BRAY J.
BRAZHNIKOV G.
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BREATHNACH C.
BREDA C.
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BREITHAUPT A.
BREITNER-BUSCH S.
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BRENNAN V.
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BRERETON J.
BRESLAVSKY A.
BRETON V.
BRETÓN RUIZ M.
BRETOS T.
BRETOS DORRONSORO T.
BREUER O.
BREUIL-BONNET S.
BREUILS-BONNET S.
BREULS S.
BREW B.
BREW J.
BREWIN K.
BREWIS M.
BREYER M.
BREYER-KOHANSAL R.
BREYTENBACH N.
BRIANÇON-MARJOLLET A.
BRICEÑO FRANQUIZ W.
BRICHETTI V.
BRICKELL K.
BRIDEVAUX P.
BRIDGES E.
BRIDGES J.
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BRIGANTI F.
BRIGATO V.
BRIGGS E.
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BRILL S.
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BRINKMAN P.
BRINKMANN F.
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BRIOUDE G.
BRISSON NIELSEN S.
BRISTER D.
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BRITO U.
BRITO GONÇALVES I.
BRITS M.
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BRITYO M.
BRITZKE T.
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BRIZOLA L.
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BROCHIERO E.
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BROHAWN Z.
BROKKEN T.
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BROOKS D.
BROOKS L.
BROOKS L.
BROOMFIELD J.
BROPHY S.
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BROUWER U.
BROWAEYS R.
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BRUGGMANN R.
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BRUGNOLI B.
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BRUINEN A.
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BRUSSE-KEIZER M.
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BRUUN J.
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BRUZZANITI S.
BRUZZESE D.
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BUBER E.
BUCATARU A.
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BUCCHIERI F.
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BUCSÁN C.
BUDAI B.
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BUDWEISER S.
BUEKERS J.
BUENDÍA GARCÍA M.
BUENDIA-ROLDAN I.
BUENGER J.
BUENO FREIRE L.
BUGA N.
BUGLI C.
BUHL R.
BUHLMANN A.
BUHR R.
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BUI D.
BUIKHUISEN W.
BUJAC S.
BUJNOWSKI P.
BUKKFALVI-CADOTTE A.
BUKLIOSKA ILIEVSKA D.
BÜLBÜL Y.
BULFAMANTE A.
BULFONE-PAUS S.
BULGUR I.
BULIFON S.
BULLICH RAMON M.
BULPA P.
BULS N.
BULUT I.
BUMBACEA D.
BUNCLARK K.
BUNCLARK K.
BUNEL V.
BUNNIRAN S.
BUNTROCK-DÖPKE H.
BUNYAPHOTHI S.
BUONAMICO E.
BUONPENSIERO P.
BUONSENSO D.
BURAN ÇIRAK Y.
BURASCHI R.
BURCH D.
BURCHARD E.
BURCHI-KHAIRY T.
BURGARD A.
BURGE G.
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BURGIO S.
BURGOS J.
BURGOYNE T.
BURGSTALLER G.
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BURIÁN K.
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BURMEISTER Y.
BURN P.
BURNEY R.
BURNS P.
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BURRACK N.
BURRELL A.
BURROUGH J.
BURROUGHS-GARCIA J.

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BURT M.
BURTIN C.
BURTON H.
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BUSBY J.
BUSCEMI A.
BUSCETTA M.
BÜSCHER E.
BÜSCHER J.
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BUSCHULTE K.
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BUSHELL N.
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BUSTAMANTE M.
BUSTAMANTE VILLANUEVA F.
BUSTANI P.
BUSTOS C.
BUSTOS D.
BUTCHER B.
BUTFIELD R.
BUTLER C.
BUTLER F.
BUTLER H.
BUTLER J.
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C. MANSFIELD D.
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C. SCOTT I.
C. T. FERNANDES M.
C.A CUNHA M.
CABALLERO CAMPOS J.
CABALLERO CUENCA U.
CABALLERO ERASO C.
CABALLERO ERASO C.
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CABAYA J.
CABECERANS J.
CABEZA SERRANO A.
CABRAL J.
CABRERA C.
CABRERA E.
CABRERA R.
CABRERA CÉSAR E.
CABRERA GODOY M.
CABRERA MARTOS I.
CABRERA PIMENTEL L.
CABRERA-GALÁN C.
CABRERA-MARTOS I.
CABRERIZO CARREÑO H.
CABRIADA NUÑO V.
CABRIADA-NUÑO V.
CABRITA H.
CACELA D.
CADARSO VAZQUEZ F.
CADE J.
CADE S.
CADELLANS ARRÓNIZ A.
CADGE C.
CADRANEL J.
CADUS C.
CAETANO COELHO M.
CAETANO MOTA P.
CAFAROVA G.
CAFFO O.
CAFFREY OSVALD E.
ÇAĞLAR H.
ÇAGLAR Y.
CAGLIONI F.
CAGLIYAN H.
CAGNAN A.
CAHAL M.
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CAI S.
CAI Y.
CAIAFFA M.
CAIANA DOS SANTOS G.
CAIAZZA S.
CAILLEAUX M.
CAILLEAUX CEZAR FERREIRA M.
CAILLEAUX-CEZAR M.
CAILLÉE Y.
CAILLIAU E.
CAIN J.
CAINZOS M.
CAIRES I.
CAIRNCROSS A.
CAJIGAS H.
ÇAKIR A.
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CAKIR E.
ÇAKIR F.
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CAKMAK-ONAL A.
CALABRESE C.
CALABRESE F.
CALABRESE L.
CALABRETTA R.
CALABRO' N.
CALADO T.
CALAGE PINTO A.
CALAMITA E.
CALANCEA E.
CALANCEA V.
CALANDRIELLO L.
CALARAS D.
CALARI T.
CALCATERRA V.
CALCIOLARI ROSSI R.
CALDEIRA D.
CALDEIRA V.
CALDERA C.
CALDERA FERNÁNDEZ C.
CALDERÓN J.
CALDERON V.
CALDERÓN ALCALÁ M.
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CALDERON SORIANO J.
CALDERONI M.
CALDERWOOD C.
CALERO G.
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CALEY K.
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CALHOUN S.
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CALIK-KUTUKCU E.
ÇALIKOĞLU M.
CALIS A.
CALISKANER OZTURK B.
CALKOVSKA A.
CALLAHAN S.
CALLEGARI M.
CALLEGARI M.
CALLEJAS-GONZÁLEZ F.
CALLEJON CALLEJON A.
CALLES-PLATA I.
CALLET A.
CALLEWAERT L.
CALLIGAN M.
CALLOL-SÁNCHEZ L.
CALLUM J.
CALÒ O.
CALOGERO C.
CALULO RIVERA Z.
CALVACHE MATEO A.
CALVAT A.
CALVERLEY P.
CALVERLEY P.
CALVERT J.
CALVINO IGLESIAS E.
CALVO A.
CALVO-ALVAREZ U.
CALVO-HENRÍQUEZ C.
CALZETTA L.
CAMACHO MENDOZA N.
CAMARA F.
CÁMARA SALMERÓN P.
CAMARGO D.
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CAMARGO P.
CAMARGO BERTI V.
CAMELI P.
CAMERLINGO N.
CAMERON A.
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CAMICIOTTOLI G.
CAMILLERI J.
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CAMILO DE SOUZA D.
CAMINATI M.
CAMMAROTA A.
CAMP P.
CAMPA G.
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CAMPAINHA S.
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CAMPELO BEZERRA CAVALCANTI M.
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CAMPOS-CERDA R.
CAMPOS-RODRÍGUEZ F.
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CAN BOSTAN Ö.
CAN OKSAY S.
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CANAVAN J.
CANAVESIO C.
CANCELO DIAZ L.
CANCIO H.
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CANDAS TURKIS F.
CANDEMIR I.
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CANEIRAS C.
CANEJA C.
CANESTRARI S.
CANETE RAMIREZ C.
CANEVA J.
CANGÜR Ş.
CANHOTO D.
CANI M.
CANITEZ Y.
CANLAS J.
CANNELLA L.
CANNON J.
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CANO-GAMEZ K.
CANON D.
CANONICA G.
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CANONICO * M.
CANO-PUMAREGA I.
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CAPARRELLI C.
CAPASSO G.
CAPASSO R.
CAPEK V.
CAPELLI A.
CAPELLI E.
CAPELLI M.
CAPELOZZI V.
CAPENER D.
CAPENER D.
CAPIT N.
CAPIZZI G.
CAPORASO M.
CAPOZZA P.
CAPPAGLI S.
CAPPELLERI J.
CAPPELLI S.
CAPPELLO F.
CAPPIELLO C.
CAPRAZ YAVUZ B.
CAPUANO A.
CAPUANO V.
CAPUTI M.
CARAI C.
CARAIOLA S.
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CARATOZZOLO D.
CARAUS V.
CARAVITA S.
CARBALLIDO-ROMERO B.
CARBONE A.
CARBONELL-ASINS J.
CARDANI E.
CARDEN C.
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CARDER M.
CARDINI C.
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CARDOSO A.
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CARDOSO R.
CARDOUAT G.
CARDUCCI C.
CAREY B.
CAREY W.
CARIGNANO A.
CARINGELLA A.
CARITG CICERA O.
CARKEEK E.
CARLENS J.
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CARLON M.
CARLOS Y.

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CARLUCCI P.
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CARMONA E.
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CARO AGUILERA P.
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CARRASCO P.
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CARRASCO-CARRASCO C.
CARRASSI A.
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CARREGAL ROMERO S.
CARREIRA P.
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CARRETERO JIMÉNEZ J.
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CARRIERA L.
CARRIERO V.
CARRILLO H.
CARRILLO ROMERO J.
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CARROLL A.
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CARSANA L.
CARSTENS D.
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CARUCCI A.
CARUCCIO S.
CARUNTA V.
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CARVALHO-OLIVEIRA R.
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CARVALHO-PINTO R.
CARVALHO-PINTO R.
CARZANIGA L.
CASABURI R.
CASACÃO ESTALAGEM I.
CASADIO V.
CASAGRANDE PASSONI LOPES L.
CASALE M.
CASALE M.
CASALINI E.
CASANOVA C.
CASANOVA R.
CASARI L.
CASARTELLI A.
CASAS M.
CASAS S.
CASAS HERRERA A.
CASAS MALDONADO F.
CASAS RECASENS S.
CASAS RUIZ L.
CASASAYAS M.
CASAS-RECASENS S.
CASCAIS M.
CASCAVAL V.
CASEY A.
CASEY A.
CASEY K.
CASH E.
CASIMIRO DANIEL A.
CASINI M.
CASITAS R.
CASKEY S.
CASS A.
CASS S.
CASSAGNES L.
CASSANDRO R.
CASSANDRO V.
CASSANELLI F.
CASSIMAN D.
CASTALDI A.
CASTAÑO G.
CASTEIGT J.
CASTELLÀ M.
CASTELLANA G.
CASTELLANOS LÓPEZ L.
CASTELLETTI F.
CASTELLI G.
CASTELLO-SIMÕES V.
CASTELLS OLIVERES X.
CASTELO GRANDE A.
CASTIER Y.
CASTIGLIONE A.
CASTIGLIONI G.
CASTIGLIONI N.
CASTILLO D.
CASTILLO F.
CASTILLO CORULLON S.
CASTILLO GIL I.
CASTILLO PÉREZ I.
CASTILLO RIVILLAS I.
CASTILLO VERGARA J.
CASTILLO VILLEGAS D.
CASTILLO-CORULLÓN S.
CASTILLÓN-BENAVIDES N.
CASTILLO-RIVILLAS I.
CASTILLO-VARGAS E.
CASTLE L.
CASTO E.
CASTOLDI F.
CASTRO L.
CASTRO M.
CASTRO S.
CASTRO QUINTAS S.
CATALISANO A.
CATANZARITI A.
CATANZARO V.
CATARATA J.
CATCHESIDE P.
CATCHESIDE P.
CATELAN D.
CATTANEO M.
CATTANEO R.
CATTANI L.
CATTARUZZA M.
CATTELAN M.
CATTRAM A.
CAUDRI D.
CAUL-FUTY M.
CAUSSÉ C.
CAUTERUCCIO R.
CAUWENBERGHS E.
CAVACO M.
CAVALCANTE TRAJANO A.
CAVALCANTI G.
CAVALHERI V.
CAVALIER E.
CAVALLARO G.
CAVALLARO M.
CAVALLI F.
CAVALLINI M.
CAVALLO C.
CAVALLO M.
CAVAZZUTTI B.
CAVE P.
CAVIGIOLI F.
CAVIGLI E.
CAVILDAK KARAASLAN G.
CAVUOTO S.
CAZES A.
CAZZOLA M.
CEBERIO HUALDE L.
CEBOLLERO RIVAS P.
CEBRIAN MÉNDEZ L.
CECCATO A.
CECCHINATO S.
CECILI M.
CEDERBERG A.
CEDILLO H.
CEDILLO H.
CEFALO J.
CEFALONI F.
ÇEFLE A.
CEJUDO RAMOS M.
CEKELI DEGIRMENCI C.
CELEBIOGLU E.
CELEDÓN J.
CELEJEWSKA-WÓJCIK N.
CELI A.
ÇELIK A.
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CELIK TUGLU H.
CELIK-BASARAN F.
CELIKBICAK O.
CELIS C.
CELIS G.
CELIS PRECIADO C.
CELLE E.
CELORRIO N.
CELORRIO JIMÉNEZ N.
CENERINI G.
CENICCOLA E.
CENIK M.
CENSE B.
CENSO C.
CENSO C.
CENTANNI S.
CENTENO-SAENZ G.
CENTIS R.
CENTOLANZE G.
CERBONI S.
CERCEAU T.
CERCI G.
CERDA-REYES S.
CEREATTI A.
CEREZO LAJAS A.
CERIANA P.
CERINA L.
CEROCCHI M.
CERQUA I.
CERRATO E.
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CERRI S.
CERRINI C.
CERRO CHIANG G.
CERRONE E.
CERUTTI-MONTEVENTI O.
CERVANTES P.
ČERVENJAK B.
CERVERA V.
CESANA PORTUGAL P.
CESARI M.
CESARONI G.
CESTELLI L.
CESTNIK B.
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CETIN BEYAZ N.
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CETINKAYA A.
ÇETINKAYA E.
CEULEMANS L.
CEULEMANS L.
CEUPPENS S.
CEVDET CEYLAN A.
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CEYLAN A.
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CEYLAN K.
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CEYRAN B.
CEZARE T.
CHA H.
CHAABANE M.
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CHAABOUNI M.
CHAARI Z.
CHABOT F.
CHABROL J.
CHACAROUN S.
CHACÓN MCWEENY V.
CHADEAU M.
CHADEAU HYAM M.
CHADEAU-HYAM M.
CHADIA K.
CHADWICK A.
CHAELEUX F.
CHAHIN A.
CHAI A.
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CHAIB A.
CHAIEB W.
CHAILLAN HUNTINGTON C.
CHAILLOU C.
CHAIMA S.
CHAKER A.
CHAKER J.
CHAKIR J.
CHAKRABARTI B.
CHAKRABORTY A.
CHAKRABORTY D.
CHAKRABORTY K.
CHAKRABORTY S.
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CHALECKIS R.
CHALELA RENGIFO R.
CHALEM M.
CHALLEN R.
CHALMERS J.
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CHAMAON D.
CHAMBERLAIN C.
CHAMBERS D.
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CHAMMAS M.
CHAMPION D.
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CHANAJAPO M.
CHANDALIA A.
CHANDARANA S.
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CHANDRA N.
CHANDRANAIK D.
CHANEZ P.
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CHANG Y.
CHANG* (*CO-SENIOR AUTHORS) A.
CHANOINE S.
CHANTALAT C.
CHANTEPIE S.
CHANTZARAS A.
CHAO C.
CHAO J.
CHAOUAT A.
CHAOUCH N.
CHAOUCHE Y.
CHAOUECH N.
CHAPELLE C.
CHAPLIN E.
CHAPMAN D.
CHAPMAN J.
CHAPMAN K.
CHAPMAN L.
CHAPMAN R.
CHARALAMBOUS L.
CHARALAMPOPOULOS A.
CHARALAMPOUS P.
CHARAVU R.
CHARBONNEY E.
CHARBONNIER F.
CHARBONNIER J.
CHARBONNIER J.
CHAREF S.
CHARFI M.
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CHARIAG M.
CHARITOS I.
CHARLES H.
CHARLES-RUDWICK M.
CHARLO-BERNARDOS M.
CHAROENSAPPAKIT A.
CHAROENSUK N.
CHAROKOPOS A.
CHARPIDOU A.
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CHARRIOT J.
CHASELING G.
CHASHCHINA M.
CHASIMPHA S.
CHASSAGNON G.
CHATHA K.
CHATTERJEE A.
CHATTERJEE D.
CHATTERJEE S.
CHATTI S.
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CHAUDHARY A.
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CHAUMET G.
CHAUTHMAL S.
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CHAVANON O.
CHAVARRIA M.
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CHAVOSHIAN S.
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CHAWKE L.
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CHAY O.
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CHECA A.
CHECKETTS G.
CHECKLEY W.
CHEDDAD M.
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CHEIKH MHAMED S.
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CHEKROUN MARTINOT A.
CHELAGALA R.
CHELALA L.
CHELBI VIALLON M.
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CHEOUR R.
CHERIAN A.
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CHERMITI F.
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CHERREZ-OJEDA I.
CHESOV D.
CHETTA A.
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CHIANESE M.
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CHIAPPERO C.
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CHIERAKUL N.
CHIHARA Y.
CHIKAMA S.
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CHIKASUE T.
CHILD C.
CHILLAPPAGARI S.
CHILLEMI A.
CHIMANKAR V.
CHIMERA D.
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CHINAZOM O.
CHING S.
CHINNA K.
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CHINNERY H.
CHIO E.
CHIODINI G.
CHIONG M.
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CHIPER R.
CHIRAKALWASAN N.
CHIRAZ A.
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CHIRINOS R.
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CHISHOLM E.
CHITANO P.
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CHIZZOLINI M.
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CHOOSONGDET T.
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CHOPRA P.
CHOPRA S.
CHORGE S.
CHOROSTOWSKA-WYNIMKO J.
CHOTIRMALL S.
CHOTIRMALL S.
CHOU H.
CHOUAID C.
CHOUBEY A.
CHOUCHANE A.
CHOUDHARY B.
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CHOUDHURY G.
CHOUDRY Z.
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CHOWHURY S.
CHOY D.
CHOY K.
CHRISTENSEN B.
CHRISTENSEN E.
CHRISTENSEN H.
CHRISTENSEN M.
CHRISTENSEN R.
CHRISTENSEN V.
CHRISTENSEN-DALSGAARD M.
CHRISTENSON S.
CHRISTENSON S.
CHRISTIAN L.
CHRISTIANSEN E.
CHRISTIANSEN E.
CHRISTIE J.
CHRISTIE J.
CHRISTINSEN K.
CHRISTLE J.
CHRISTODOULAKIS A.
CHRISTOFFERSEN C.
CHRISTOFFERSEN M.
CHRISTOFIDOU A.
CHRISTONE F.
CHRISTOPHER D.
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CHRISTOPOULOS A.
CHRISTOPOULOS I.
CHRISTOPOULOU M.
CHRISTOPOULOU M.
CHRONI M.
CHRUSCIEL B.
CHRYSOCHOOU E.
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CHRYSOU G.
CHU E.
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CHUA F.
CHUANG H.
CHUANG M.
CHUANG S.
CHUMPANGERN W.
CHUN C.
CHUN KWOK W.
CHUNG A.
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CHUPP G.
CHURCH C.
CHURSINA N.
CHUVA DE SOUSA LOPES S.
CHWIEDŹ A.
CHYNKIAMIS N.
CIANCI R.
CIANI L.
CIARAVINO G.
CIARLEGLIO G.
CIASCHINI G.
CIAVARELLA C.
CICCHETTI G.
CICCHETTI M.
CICCONE B.
CICCULLO A.
ÇIÇEK S.
CICERI L.
CID D.
CID R.
CIERNA-PETEROVA I.
CIESIELSKA-MARKOWSKA I.
CIET P.
CIET P.
CIFRIÁN J.
ÇIFTÇI A.
CIFTCI A.
CIHANBEYLERDEN M.
CILEKAR S.
CILIBERTI G.
CILIC A.
ÇILLI A.
CILVETI PORTILLO R.
CIMINO G.
CIMINO M.
CIMPEANU O.
CIMSIT N.
CINAR B.
CINAR C.
CINAR R.
CINARKA H.
CINEL G.
CINEL KARATAŞ A.
CINGI C.
CINKOOGLU A.
CINOTTI S.
CINQUINI S.
CIOBANU N.
CIOFFI G.
CIOMPI F.
CIPOLLI M.
CIPOLLINA C.
CIRACH M.
CIRCIELLO A.
CIRIACO F.
CIRIO S.
CIRNES L.
CISNEROS SERRANO C.
CISNEROS-SERRANO C.
CISOTTA F.
CISTERÓ B.
CISTULLI P.
CITAK N.
CITERA G.
CIVELLI M.
CIVIRJIC I.
CIZEAU I.
CLAAS L.
CLACK L.
CLAES K.
CLAESSON M.
CLAIRE M.
CLAPAUD E.
CLARAMBO M.
CLARENBACH C.
CLARI M.
CLARIÁ F.
CLARIDGE M.
CLARK A.
CLARK A.
CLARK C.
CLARK R.
CLARK S.
CLARK T.
CLARK T.
CLARK V.
CLARKE C.
CLARKE D.
CLARKE G.
CLARKE G.
CLARKE M.
CLARKE N.
CLARKE S.
CLARKSON M.
CLARKSON M.
CLAUDE F.
CLAUDINO DE AQUINO SCUARCIALUPI M.
CLAUS J.
CLAUS V.
CLAUSE D.
CLAUSSEN J.
CLAUSSEN M.
CLAVERIA CABELLO A.
CLAXTON A.
CLAY A.
CLAY A.
CLEMENO F.
CLEMENS T.
CLEMENTE B.
CLEMENTE S.
CLEMENTS J.
CLEMM H.
CLEYNEN I.
CLICHE D.
CLICHE D.
CLIFF I.
CLIFFORD R.
CLIFFORD R.
CLIFTON H.
CLIFTON I.
CLINI E.
CLINICAL RESEARCH COLLABORATION OF THE EUROPEAN RESPIRATORY SOCIETY C.
CLIVE A.
CLOONAN S.
CLOUTIER J.
CLOW L.
CLYNCH A.
ĆMIEL A.
CNOCKAERT P.
CO J.
COALTER S.
COATRIEUX V.
COBANOGLU N.
COBER N.
COBUCCIO A.
COCCONCELLI E.
COCHE E.
COCHRANE B.
COCHRANE L.
CODECASA L.
CODECASA L.
CODREARANU A.
COELHO D.
COELHO D.
COELHO J.
COELHO L.
COELHO L.
COELHO S.
COELLE M.
COEMERT H.
COGHLAN G.
COGHLAN J.
COGHLAN J.
COHEN D.
COHEN E.
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COHEN J.
COHEN R.
COHEN S.
COHEN S.
COHEN-CYMBERKNOH M.
COHEN-HAGAI K.
COHN-SCHWARTZ D.
COHN-SCHWARTZ E.
COÏC L.
COIFFARD B.
COIFFIER O.
COKER R.
ČOKIĆ E.
ÇOKSÜER F.
ÇOLAK M.
ÇOLAK Y.
COLANARDI M.
COLBERT J.
COLE F.
COLELLA S.
COLEMAN C.
COLES J.
COLINDRES ZUEHLKE R.
COLL I.
COLLAUD E.
COLLAUD S.
COLLAZO R.
COLLI M.
COLLIER G.
COLLINS A.
COLLINS H.
COLLINS S.
COLLINSON A.
COLLISON A.
COLL-KLEIN F.
COLLOMB N.
COLMEGNA I.
COLNAGHI M.
COLOM A.
COLOMBO S.
COLTEY B.
COLUCCI M.
COMAJUAN M.
COMAN A.
COMANDINI S.
COMARELLA L.
COMBERIATI P.
COMBRET Y.
COMELLA T.
COMELLINI V.
COMERFORD L.
COMERT A.
COMIN C.
COMINS E.
COMOLI P.
COMONDORE V.
COMPANY-SE G.
COMPTON C.
COMUNE M.
CONALDI P.
CONCEIÇÃO DOS SANTOS C.
CONDE B.
CONDE E.
CONDE R.
CONDE GARCIA E.
CONDE-CAMACHO R.
CONDLIFFE A.
CONDLIFFE R.
CONDO J.
CONDON K.
CONDORELLI E.
CONEJERO M.
CONEJERO MERCHÁN M.
CONEMANS L.
CONESE M.
CONFALONIERI M.
CONFALONIERI P.
CONFLITTI A.
CONGERA P.
CONICA C.
CONIGLIARO A.
CONIO V.

CONLON T.
CONNELL D.
CONNELL D.
CONNETT G.
CONNOLLY B.
CONNOLLY C.
CONROY K.
CONSTAM E.
CONSTANT C.
CONSTANT S.
CONSTANTE M.
CONSTANTINIDIS J.
CONTENTO G.
CONTI G.
CONTI M.
CONTI M.
CONTI T.
CONTIN C.
CONTINO S.
CONTOLI M.
CONTRÉ C.
CONTRERAS M.
CONTRERAS-CONTRERAS A.
CONTRI G.
CONWAY F.
CONWAY J.
COOK A.
COOK B.
COOK J.
COOK L.
COOLEN J.
COOPER A.
COOPER A.
COOPER C.
COOPER J.
COOPER J.
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COOPER S.
COPATTI L.
COPELAND R.
COPIN M.
COPPOLA A.
COPPOLA A.
COPPOLA M.
COPPOLA M.
COPS D.
COPSEY H.
COQUOZ N.
CORBACHO-ABELAIRA D.
CORBETT M.
CORBETTA L.
CORBO G.
CORCIONE A.
CORCORAN J.
CORCUERA ELOSEGUI P.
CORCUERA-ELOSEGUI P.
CORDANI C.
CORDEIRO CARVALHO J.
CORDEIRO-FERREIRA G.
CORDEIRO-SANTOS M.
CORDELL R.
CORDELLA F.
CORDERO MARQUEZ J.
CORDOBA A.
CORDOBA-IZQUIERDO A.
CORDONI S.
CORHAY J.
CORLATEANU A.
CORLATEANU O.
CORLEIS B.
CORMIER J.
CORNE F.
CORNELISSEN C.
CORNELL A.
CORNET M.
CORNU J.
CORNU HEWITT B.
CORONNELLO C.
COROPCEANU I.
CORPELEIJN E.
CORRAL BLANCO M.
CORRAL-PEÑAFIEL J.
CORREA B.
CORREA DA SILVA H.
CORREA DE BARROS TROMBIM L.
CORREA DE BARROS TROMBIN L.
CORREA-JAQUE P.
CORREALE M.
CORREALE M.
CORREGIDOR C.
CORREIA F.
CORREIA J.
CORREIA N.
CORREIA CAMPOS SILVA R.
CORREIA-DE-SOUSA J.
CORREN J.
CORREO GUTIERREZ C.
CORRIGAN C.
CORSICO A.
CORSICO A.
CORSO C.
CORTE T.
CORTE T.
CORTÉS COLORADO J.
CORTÉS SAN AGUSTÍN C.
CORTESI E.
CORTESI E.
CORTES-TELLES A.
CORTEZON L.
CORTEZÓN GARCES L.
CORTOT A.
CORTOZI BERTON D.
CORTUK M.
CORVELEYN A.
CORVOL H.
CORWIN D.
COSAR N.
COSATTI M.
COSENTINO C.
COSENTINO F.
COSGROVE G.
COSGUN Z.
COSIO B.
COSIO M.
COSIO M.
COŞKUN F.
COŞKUN BEYAN A.
COSKUN EKIZ C.
COŞKUNPINAR E.
COSMA B.
COSMI L.
COSS P.
COSSON E.
COSTA A.
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COSTA ALCACER I.
COSTA DA SILVA V.
COSTA I COLOMER J.
COSTA MATTOS L.
COSTA OLIVEIRA D.
COSTA PEREIRA A.
COSTA SILVA M.
COSTA SOLA R.
COSTABEL U.
COSTABEL U.
COSTABILE G.
COSTÁN-GALICIA J.
COSTANZO G.
COSTANZO S.
COSTELLO E.
COSTELLO R.
COSTES F.
COTÉ A.
COTEŢ M.
COTOMAN A.
COTTET J.
COTTIN V.
COTTINI M.
COUCH J.
COUILLARD S.
COULET F.
COULL B.
COULLIARD S.
COULOMB L'HERMINÉ A.
COULOMB L'HERMINÉ A.
COULOMBEL N.
COULSON N.
COUNIL F.
COUPER J.
COURALET M.
COURTOIS-COMMUNIER E.
COUSSEMENT A.
COUTIER L.
COUTINHO D.
COUTO OLIVEIRA B.
COUTU-BEAUDRY K.
COUTURAUD F.
COUTURIER D.
COWBURN A.
COWBURN R.
COWELL G.
COX D.
COX M.
COY E.
COYLE S.
COZIER H.
COZZI D.
COZZI E.
CPM RESEARCH GROUP ..
CRABBÉ A.
CRACIUN O.
CRACOWSKI J.
CRAIG S.
CRAMER C.
CRANNEY H.
CRAPARO E.
CRAPO J.
CRASTER A.
CRAWFORD A.
CRAWFORD J.
CRAWLEY S.
CRAWSHAW A.
CREAMER A.
CREANE D.
CREBASSA M.
CREESE J.
CREGAN R.
CREMER O.
CREMONINI A.
CRESCENZI M.
CRESCIMANNO G.
CRESPO A.
CRESSMAN S.
CRESTANI B.
CRETU C.
CREUEN X.
CRICK J.
CRIEL M.
CRILLEY F.
CRIM C.
CRIMI C.
CRIMI N.
CRINER G.
CRINER G.
CRINER L.
CRISAFULLI E.
CRISAN A.
CRISPI F.
CRISPIM T.
CRISTETO PORRAS M.
CRISTIANO A.
CRISTIANO2 L.
CRISTINA M.
CRISTINA DASILVA A.
CRISTINA MOTA DE SOUSA B.
CRISTINZIANO L.
CRISTOFALO A.
CRNKOVIC S.
CROCE G.
CROCE S.
CROFT E.
CROGHAN I.
CROISSILLE P.
CROKAERT B.
CROMBAG L.
CROMBAG L.
CROMPTON K.
CRONIN E.
CROOK C.
CROOK R.
CROOKS L.
CROOKS M.
CROOKS M.
CROOKS M.
CROS P.
CROSA F.
CROSS T.
CROWLEY E.
CROWLEY L.
CROWLEY R.
CROWLEY S.
CRUDU V.
CRUICKSHANK G.
CRUICKSHANK J.
CRUTU A.
CRUTZEN R.
CRUZ A.
CRUZ Á.
CRUZ C.
CRUZ F.
CRUZ J.
CRUZ J.
CRUZ K.
CRUZ M.
CRUZ CARMONA M.
CRUZ CARMONA M.
CRUZ FERREIRA R.
CRUZ GAMEIRO DUARTE J.
CRUZ MEDINA A.
CRUZ SANTA CRUZ T.
CSERVID V.
CSIKÓS A.
CSÓKA I.
CSOMA B.
CSOMA Z.
CSONKA D.
CSONKA L.
CSONKA P.
CSÓSZA G.
CUADRAT I.
CUBERO P.
CUBERO MARÍN J.
CUBERO MARÍN P.
CUBERO-MARIN P.
CUBIC M.
CUBILLOS-ZAPATA C.
CUCCARO I.
CUDDIHY M.
CUE ALVAREZ A.
CUETO G.
CUEVAS LOBATO O.
CUHACI CAKIR B.
CUI J.
CUI J.
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CUICUI L.
CUIJPERS M.
CUKIER A.
ÇULPAN H.
CUMELLA A.
CUMMINGS H.
CUNDRLE I.
CUNHA C.
CUNHA H.
CUNHA K.
CUNHA T.
CUNHA BRANDÃO D.
CUNHA FILHO H.
CUNHA-FILHO H.
CUNICH M.
CUNNINGHAM H.
CUNNINGHAM S.
CUNNINGTON D.
CUNNINGTON M.
CUNOOSAMY D.
CUNOOSAMY D.
CUOMO A.
CUOMO C.
CUOMO G.
CURA YAYLA B.
CURI CHERCOLES S.
CURION F.
CURNOW R.
CURRÀ M.
CURRAN K.
CURRELI C.
CURROW D.

CÜRÜK GÜRBÜZ B.
CUSACK R.
CUSACK R.
CUSACK S.
CUSATI DE ANDRADE F.
CUSAY T.
CUSHEN B.
CUSHING A.
CUSHION M.
CUTHBERT K.
CUTONE C.
CUTRERA R.
CUVELIER A.
CUYVERS B.
CUZZI G.
CVEJOSKA CHOLAKOVSKA V.
CVETKOVSKI B.
CYBULSKI A.
CYSNEIROS A.
CZAUN P.
CZÖVEK D.
CZYSTOWSKA-KUŹMICZ M.
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D ANNA C.
D CHALMERS J.
D EDWARDS G.
D. BENÍTEZ I.
D. FEIST M.
D. JACKSON P.
D. S. TARGA A.
D.T.Q.S.LOPES F.
D'AMORE A.
D'ANCONA G.
D'CRUZ R.
D'SOUZA G.
DA GAMA M.
DA PURIFICAÇAO J.
DA ROCHA COUTO D.
DA ROCHA OLIVEIRA CARDOSO A.
DA SILVA C.
DA SILVA G.
DA SILVA M.
DA SILVA ALVES C.
DA SILVA CHIAPPA G.
DA SILVA FILHO L.
DA SILVA GONÇALVES AFONSO A.
DA SILVA JUNIOR E.
DA SILVA SENA C.
DA SILVA VIEIRA R.
DABBEBI M.
DABBOUSSI S.
DABBOUSSI S.
D'ABRONZO R.
DĄBROWIECKI P.
DĄBROWSKA M.
DABSCHECK E.
DACCÒ V.
DACHERT S.
DACOSTA URBIETA A.
DADAS O.
DADIER R.
DADVAND P.
DAENEN F.
DAENEN M.
DAG O.
DAGAN L.
DAGDELEN E.
DAGDELEN M.
DAGHFOUS H.
DAGHFOUS J.
DAGHFOUS J.
DAGLI E.
D'AGNANO V.
D'AGOSTINO B.
DAHABREH M.
DAHELE M.
DAHHAN A.
DAHL M.
DAHL R.
DAHL V.
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DAHLAN L.
DAHLBÄCK H.
DAHLÉN B.
DAHLÉN B.
DAHLÉN E.
DAHLÉN S.
DAHLGAARD HOVE J.
DAHLGREN M.
DAHLHOFF J.
DAHLHOFF J.
DAHLHOFF, J.
DAHLMANN F.
DAHOUM N.
DAI C.
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DAI R.
DAI R.
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DAI S.
DAKIN P.
DAKSHINAMURTI S.
DAL GRANDE A.
D'ALAGNI G.
DALAL A.
DALAL G.
DALAL S.
DALAL S.
DALAMAGA M.
DALATI T.
DALE M.
DALECK A.
DALENA G.
D'ALESSANDRO M.
DALEY C.
DALEY C.
DALI P.
DALKILIC O.
DALLA ROSA I.
DALLAS J.
DALMAU-ARIAS J.
D'ALOISIO L.
DALSAGER L.
DALSGAARD B.
DALSGAARD J.
D'ALTO M.
DALTON J.
DALTON M.
DALY J.
DALY L.
DAMADOGLU E.
DAMAJ G.
DAMAN T.
DAMARCO F.
DAMASCENO T.
DAMATO F.
D'AMATO J.
D'AMATO M.
D'AMATO M.
DAMBKOWSKI C.
DAMHUIS R.
DAMHUIS R.
DAMIAŃSKI P.
DAMIN M.
DAMINOV B.
DAMM T.
DAMMANN A.
DAMME M.
DAMO VEDANA M.
DAN L.
DANA F.
D'ANCONA G.
DANDA S.
DANDANELL JUUL A.
D'ANDRIA M.
DANDURAND R.
DANDURAND R.
DANEMAN N.
DANESHVAR C.
D'ANGELO M.
DANIEL A.
DANIEL M.
DANIELS H.
DANIELS I.
DANIELS J.
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DANIELS L.
DANIELSSON H.
DANIIL Z.
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DANILA E.
D'ANNA S.
DANON L.
DANSUK E.
DANTAS D.
DANTAS L.
DANTAS FLORENTINO LIMA Í.
D'ANTONI L.
DANZAN N.
DANZO F.
DAORATTANACHAI K.
DAOUD S.
DAOUSSIS D.
DARAPI D.
DARAWSHY F.
D'ARCANGELO F.
DARDANI C.
DAREKAR V.
DARI SALISBURGO L.
DARIE A.
DARIE A.
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DARK P.
D'ARMIENTO J.
DARRAGI M.
D'ARRUDA J.
DARTT M.
DARWICHE K.
DARWISH M.
DARYANANI R.
DARYANI V.
DAS M.
DAS R.
DAS S.
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DASADIA Y.
DASANAYAKE A.
D'ASCANIO M.
DASH D.
DASH S.
DASHPUTRE A.
DASKALAKIS A.
DASKALOPOULOU A.
DASKALOU E.
DASSEN L.
DASSIOS T.
DASTOT LE MOAL F.
DASTOT-LE MOAL F.
DATE H.
DATTANI V.
DAUDVOHRA F.
DAUKSTE S.
DAULETBAEV N.
DAUPHIN C.
DAURA VIDAL M.
DÁVALOS TORRES V.
DÁVALOS-YEROVI V.
DAVE A.
DAVE M.
DAVENPORT E.
DAVERIO M.
DAVID A.
DAVID D.
DAVID I.
DAVID J.
DAVID S.
DAVIDAVIČIENĖ V.
DAVIDESCU L.
DAVIDSEN J.
DAVIDSEN J.
DAVIDSON C.
DAVIDSON J.
DAVIES A.
DAVIES B.
DAVIES D.
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DAVIES S.
D'AVINO D.
DAVIS K.
DAVIS M.
DAVIS P.
DAVIS P.
DAVIS R.
DAWES T.
DAY B.
DAYMAN N.
DAYNES E.
D-C MAN W.
D'CRUZ L.
D'CRUZ R.
DE T.
DE AGUIAR BAPTISTA F.
DE ALMEIDA GOMES M.
DE ANGELIS A.
DE ARAÚJO A.
DE ARAÚJO JUNIOR D.
DE ARAÚJO NETO C.
DE BACKER D.
DE BACKER V.
DE BACKER W.
DE BAETS G.
DE BARROS RODENBUSCH C.
DE BATLLE J.
DE BECDELIÈVRE A.
DE BEER S.
DE BENITO ZORRERO E.
DE BESSA JR J.
DE BIE C.
DE BIE E.
DE BIE DEKKER A.
DE BLASIO M.
DE BLEECKER S.
DE BOECK I.
DE BOER I.
DE BOER J.
DE BOER S.
DE BOER W.
DE BONTRIDDER S.
DE BRANDT J.
DE BRITO J.
DE BRITO MARTINS A.
DE BRUIN D.
DE BRUIN D.
DE BRUYNE K.
DE CARVALHO BETHLEM M.
DE CASTRO A.
DE CASTRO S.
DE CATERINA R.
DE CENSO C.
DE CHAISEMARTIN L.
DE COEN K.
DE COLVENAER V.
DE CONINCK M.
DE CORSO E.
DE CREM N.
DE DIEGO DAMIÁN A.
DE FALCO C.
DE FAYS C.
DE FONZO C.
DE FREMINVILLE J.
DE FRUTOS G.
DE FUENTES-MIRET C.
DE GASPARI M.
DE GIROLAMO M.
DE GONZALO-CALVO D.
DE GOUMOËNS V.
DE GRAAF D.
DE GRAUW A.
DE HAAN P.
DE HEUS L.
DE HOOGH K.
DE HOORNE J.
DE HOSSON S.
DE JAGER M.
DE JONG J.
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DE JONGE W.
DE JONGH F.
DE JONGH F.
DE KLEER I.
DE KONING GANS J.
DE KRUIF M.
DE LA CRUZ RODRÍGUEZ M.
DE LA ESCOSURA MUÑOZ M.
DE LA HOZ R.
DE LA POZA ABAD M.
DE LA POZA ABAD, M.
DE LA PUENTE BUJIDOS C.
DE LA ROSA D.
DE LA ROSA CARRILLO D.
DE LA SERNA BLAZQUEZ O.

DE LA TOUR P.
DE LARA E.
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DE LAS HERAS GAITE A.
DE LAS VECILLAS L.
DE LAUSNAY M.
DE LEEUW E.
DE LEO L.
DE LIMA F.
DE LIMA F.
DE LIMA F.
DE LIPERI A.
DE LOOPER A.
DE LUCA A.
DE LUCA G.
DE LUCAS ALTABLE S.
DE LUQUE J.
DE MADDALENA L.
DE MAN F.
DE MAN F.
DE MAN F.
DE MATOS SANCHEZ F.
DE MATTEIS S.
DE MEERSMAN Y.
DE MELO MATOS I.
DE MESA ALVAREZ J.
DE MEULDER B.
DE MEYER M.
DE MEYER Y.
DE MICHELE F.
DE MIR MESSA I.
DE MONTPRÉVILLE V.
DE MOULLIAC A.
DE NADAI T.
DE NES A.
DE NUCCI G.
DE OLIVEIRA F.
DE OLIVEIRA P.
DE OLIVEIRA Y.
DE OLIVEIRA KAWAKAMI D.
DE OLIVEIRA SOUSA S.
DE OLIVEIRA-SICARD L.
DE PAEPE C.
DE PAIVA S.
DE PALO G.
DE PAOLIS G.
DE PRADO GOMEZ L.
DE PROST N.
DE QUEIROZ V.
DE RAEDEMAECKER J.
DE ROBERTO L.
DE ROOIJ M.
DE ROOIJ M.
DE ROOY M.
DE ROSA P.
DE ROSE C.
DE ROSE G.
DE SADELEER L.
DE SADELEER L.
DE SANTIAGO E.
DE SANTIS M.
DE SIMEIS F.
DE SIMONE F.
DE SIMONI A.
DE SOOMER K.
DE SOUZA A.
DE SOUZA A.
DE SOUZA R.
DE SOUZA MEDEIROS T.
DE SOYZA A.
DE SOYZA J.
DE STEFANO E.
DE TORRES J.
DE VEGA SANCHEZ B.
DE VERA M.
DE VOS M.
DE VOS R.
DE VRIES C.
DE VRIES M.
DE VRIES N.
DE WACHTER S.
DE WEVER W.
DE WIJS N.
DE WOLF C.
DEAMICIS R.
DEAN A.
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DEANEY C.
DEANTONIO C.
DEAS R.
DEB A.
DEBACKER W.
DEBBARMA S.
DEBBICHE A.
DEBBICHE S.
DEBELAK C.
DEBEUF N.
DEBICHE S.
DEBIEUVRE D.
DEBONERA F.
DĘBOWSKI T.
DEBRAY M.
DEBRAY M.
DECARIS M.
DECHOMET M.
DECKER P.
DECKER CHRISTENSEN T.
DECOUVREUR C.
DECREM N.
DECROO T.
DEDE B.
DEDE K.
DEDEOGLU B.
DEENSTRA D.
DEFELICI M.
DEFILIPPIS A.
DEFORCE K.
DEFRANCE C.
DEGANI-COSTA L.
DEGANO B.
DEGER M.
DEGOBBI QUIRINO SANTOS LOPES F.
DEGOBBI TENORIO QUIRINO SANTOS LOPES F.
DEGRAEVE J.
DEHGHANI A.
DEHGHANI S.
DEHLINK E.
DEHONDT V.
DEJSATHA Y.
DEJSOMRITRUTAI W.
DEKA H.
DEKKER S.
DEKKER T.
DEKLAVA R.
DEL CASTELLO L.
DEL CASTILLO OTERO D.
DEL CORRAL T.
DEL CORRAL- T.
DEL DIN S.
DEL GALDO F.
DEL GIACCO S.
DEL GOBBO I.
DEL GRECO P.
DEL OLMO R.
DEL PINO ZAMBRANO M.
DEL POZZO M.
DEL PRADO S.
DEL RIO-HIDALGO R.
DEL VALLE K.
DEL VALLE GOMEZ SISSO V.
DELACOURT C.
DELAIRE T.
DELAMEILLIEURE A.
DELANEROLLE G.
DELANEY B.
DELANGHE A.
DELAUBENFELS T.
DELAVENNE X.
DELAZARI L.
DELBRESSINE J.
DELCROIX M.
DELCROIX M.
DELESTRAIN C.
DELEU A.
DELEVEAUX S.
DELGADO A.
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DELGADO BARROS PEREIRA E.
DELGADO ORTIZ L.
DELGADO PÉREZ L.
DELGADO RODRIGUEZ M.
DELGADO SANCHEZ L.
DELGADO UREÑA A.
DELGADO-ORTIZ L.
D'ELIA G.
DELICHA E.
DELIENS L.
DELIN M.
DELL S.
DELLA SALA A.
DELLA ZOPPA M.
DELLACA' R.
DELL'ADAMI DE TARCZAL O.
DELL'ANIELLO S.
DELLATORRE F.
DELLERE L.
DELLGREN G.
DELL'OMO M.
DELMAS M.
DELMAS P.
DELMESTRI A.
DELOS REYES V.
DELOVINFOSSE S.
DELPUTTE P.
DELRIEU J.
DELSART P.
DELSHAD B.
DELSING M.
DELTAS C.
DELTENRE M.
DELUCA B.
DELUCA D.
DELUCCHI K.
DELVART D.
DEMAISON C.
DEMARCHI S.
DEMARET J.
DEMCHAK L.
DEMCHUK A.
DEMCHUK A.
DEMEDTS I.
DEMEO D.
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DEMERTZIS P.
DEMESMAEKER E.
DEMEY M.
DEMEYER H.
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DEMI L.
DEMIR A.
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DEMIR R.
DEMİR YAZICI Ş.
DEMIRALP E.
DEMIRBAŞ Ş.
DEMIRCAN N.
DEMIRCI ATIK M.
DEMIRCI ÜÇSULAR F.
DEMIRDÖĞEN E.
DEMİREL A.
DEMIREL D.
DEMIREL AYDIN A.
DEMIRKAYA A.
DEMIRKOL B.
DEMIRKOL E.
D'EMMANUELE DI VILLA BIANCA R.
DEMOLY P.
DEMOULIN-ALEXIKOVA S.
DEN BOEF L.
DEN BRINKER A.
DEN HERTOG-OOSTERHOFF L.
DEN UIL C.
DENAMUR S.
DENDROU C.
DENG C.
DENG F.
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DENGUIR H.
DENIS A.
DENIS H.
DENIS J.
DENIZ P.
DENIZ Y.
DENIZOGLU KÜLLI H.
DENK-LINNERT D.
DENNHARDT N.
DENNISON P.
DENNISTON P.
DENTE F.
DENUZIÈRE F.
DEPALO A.
DEPTA F.
DERBEL Y.
DERDE L.
DEREBEK E.
DERI O.
DERMOT O.
DEROM E.
DEROUICHE S.
DERRÉ TORRES F.
DERVISHOLLI B.
DESACHY M.
DESAI S.
DESBIENS R.
DESBORDES P.
DESCALÇO A.
DESCHAMPHELEIRE M.
DESCHILDRE A.
DESHPANDE V.
DESILVA K.
DESLÉE G.
DESMET C.
DESOYZA A.
DE-SOYZA A.
DESPONDS R.
DESROSIERS M.
DESROZIERS T.
DESROZIERS-LOUEDEC T.
DESSAU R.
DESSAU R.
DESSI O.
DESSON Z.
DESTEFANO E.
DESTERE A.
DESTORS M.
DESWARTE K.
DETTMER S.
DEUGI V.
DEURLOO E.
DEUSEBIO G.
DEUTSCHER J.
DEUX J.
DEVANEY R.
DEVARAJ A.
DEVAULT K.
DEVBHANDARI A.
DEVELI E.
DEVENNEY A.
DEVENNY A.
DEVI H.J G.
DEVILLIER P.
DEVINE J.
DEVLIN J.
DEVOL E.
DEVOS S.
DEVOUASSOUX G.
DEVRAN Ö.
DEVULDER J.
DEWAR F.
DEWHURST J.
DEWHURST J.
DEWING K.
DEY A.
DEY D.
DEY P.
DEY S.
DEYKIN A.
DEZITZER HILL Y.
DHAHRI B.

DHAHRI B.
DHAIFALLAH H.
DHAKAD D.
DHALIWAL K.
DHALIWAL R.
DHALIWAL R.
DHALLUIN X.
DHAMDHERE D.
DHANJI A.
DHAR R.
DHARA A.
DHARIWAL J.
DHARMADHIKARI S.
DHARMAGE S.
DHARMAGE S.
DHARMALINGAM A.
DHAWALE M.
DHERWANI V.
DHIEFFALLAH H.
DHIF S.
DHIFALLAH H.
DHILLON G.
DHILLON R.
DHILLON R.
D'HOOGHE J.
DHOORIA S.
DHOUIB F.
DHRUVE H.
DHUMAL D.
D'HUMIÈRES T.
DHUNGANA A.
DI C.
DI W.
DI BONA D.
DI BOSCIO V.
DI CICCO M.
DI CRECCHIO R.
DI DOMENICO A.
DI FILIPPO P.
DI FIORE I.
DI FRANCO G.
DI FUSCO M.
DI GIOIA G.
DI GIOIA S.
DI GIORGI N.
DI GRADO M.
DI LECCE V.
DI LEO I.
DI LEONARDO L.
DI LIBERTI R.
DI MARCO F.
DI MARCO M.
DI MARCO R.
DI MARTINO V.
DI MATTEO R.
DI MATTIA G.
DI MEO F.
DI NORCIA M.
DI PALMA L.
DI PASQUALE C.
DI PERNA M.
DI PILLO S.
DI RESTA I.
DI SANO C.
DI SPAZIO L.
DI STASIO M.
DI STEFANO S.
DI STEFANO V.
DI VINCENZO M.
DI VINCENZO S.
DIAB F.
DIAB N.
DIACHENKO M.
DIACONU N.
DIAFERIA F.
DIAMANT Z.
DIAMANTI A.
DIAO G.
DIAS A.
DIAS A.
DIAS C.
DIAS M.
DIAS N.
DIAS P.
DIAS COSTA M.
DIAS FERRAZ M.
DIAS RODRIGUES G.
DIAW A.
DIAZ A.
DIAZ A.
DÍAZ D.
DIAZ E.
DÍAZ K.
DIAZ L.
DÍAZ M.
DIAZ R.
DÍAZ- ALMIRÓN M.
DIAZ BOSSA C.
DÍAZ CAMPOS R.
DIAZ GARCIA C.
DÍAZ GARCÍA E.
DÍAZ GARCÍA J.
DÍAZ MARTOS I.
DÍAZ SANCHEZ T.
DÍAZ SANZ B.
DIAZ-CAMPOS R.
DÍAZ-CAMPOS R.
DIBARTOLO M.
DIBOUN I.
DICIOLLA N.
DICK A.
DICKENS A.
DICKER A.
DICKGREBER N.
DICKHOFF C.
DICKINSON E.
DICKINSON H.
DICKMAN* N.
DICKSIT D.
DICKSON H.
DICKSON J.
DICKSON J.
DICPINIGAITIS P.
DIEL R.
DIEMER S.
DIEP P.
DIERCKX S.
DIERCKX W.
DIERICK B.
DIESLER R.
DIETERT K.
DIETL A.
DIEZ IZQUIERDO A.
DIEZ SIERRA J.
DÍEZ-MONGE N.
DIGALAKI A.
DIGBY G.
DIGIANDOMENICO A.
DIJK L.
DIJKHUIS A.
DIK S.
DIKIS O.
DIKMEN E.
DIKMEN Z.
DILANGGA P.
DILASSER F.
DILLENHÖFER S.
DILLER G.
DILLES T.
DILOV P.
DILROBA A.
DILŞA TUĞCU G.
DIMA E.
DIMAANDAL N.
DIMAGGIO G.
DIMAKOPOULOU K.
DIMAKOU K.
DIMEAS I.
DIMIENE I.
DIMITRAKOPOULOS F.
DIMITROULIS I.
DIMITROV V.
DIMITROVA V.
DIMMELER S.
DIMONTE V.
DIMOPOULOS K.
DIMOPOULOU I.
DINÇ Y.
DINÇEL B.
DINCER ONER K.
DINDAR CELIK F.
DING B.
DING C.
DING D.
DING J.
DING Y.
DING Z.
DING Z.
DINH V.
DINH-XUAN A.
DINH-XUAN A.
DINIS S.
DINIZ CAVALCANTI J.
DIOGO J.
DIOMAIUTI M.
DIONELLI E.
DIONÍSIO J.
DIOP A.
DIOT E.
DIPLA K.
DIRCEU S.
DIREK K.
DIRIX H.
DIROU S.
DIRUPO E.
DISDIER VICENTE C.
DISKIN WETTER E.
DISLER R.
DISTLER J.
DISTLER O.
DITTRICH A.
DITTRICH S.
DIVALL P.
DIVER S.
DIVER S.
DIWAKAR A.
DIX A.
DIXEN U.
DIXEY P.
DIXIT N.
DIXMIER A.
DIXON A.
DIXON G.
DIXON M.
DJEBAILI R.
DJEBALI T.
DJEGHRI Y.
DJENFI T.
DJIBRE M.
DJIDOTOR R.
DJUKANOVIC R.
DŁUGOŁĘCKA M.
DMITROVIC R.
DMYTRIIEV K.
DMYTRIV M.
DMYTRYCHENKO V.
DOBBELS F.
DOBLER C.
DOBOSZYNSKA A.
DOBRIANSKYI D.
DOBRIN M.
DOBROTA R.
DOCKRY R.
DOCKRY R.
DOCTOR S.
DODD J.
DODD J.
DODD J.
DODS S.
DOE G.
DOE S.
DOE S.
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DOFFMAN S.
DOGAN C.
DOGAN D.
DOGAN M.
DOGAN Ö.
DOGAN R.
DOGAN S.
DOGAN S.
DOĞAN Y.
DOGAN MULAZIMOGLU D.
DOGAR S.
DOGAS Z.
DOGGEN C.
DOGRA P.
DOĞRU D.
DOGRU S.
DOGRU ERSOZ D.
DOHÁL M.
DOHERTY H.
DOHERTY I.
DOHERTY M.
DOHERTY R.
DOHERTY U.
DOHI Y.
DOHMEN C.
DOI A.
DOIRON D.
DOKSIMOVSKI F.
DOLAN G.
DOLECKOVA K.
DOLEZAL T.
DOLEŽALOVÁ K.
DOLGA A.
DOLIC D.
DOLIDON S.
DOLIN P.
DOLNY-MICHNO J.
DOMAGAŁA I.
DOMAGAŁA-KULAWIK J.
DOMAGNE J.
DOMANSKI U.
DOMBAI B.
DOMENICHINI F.
DOMINGO C.
DOMINGO J.
DOMINGO MORERA J.
DOMINGO RIBAS C.
DOMINGUES N.
DOMINGUEZ A.
DOMINGUEZ M.
DOMINGUEZ R.
DOMINGUEZ ALVAREZ M.
DOMÍNGUEZ CARO J.
DOMÍNGUEZ GÓMEZ M.
DOMINGUEZ ZABALETA I.
DOMÍNGUEZ-ORTEGA J.
DOMINICI M.
DOMINIQUE S.
DOMNIK N.
DOMNIK N.
DOMPELING E.
DON S.
DONALD A.
DONALD A.
DONALDSON M.
DONCHYK V.
DONDAINE L.
DONFRANCESCO F.
DONG F.
DONG J.
DONG L.
DONG T.
DONG Y.
DONGHI S.
DONGO L.
DONINI A.
DONNAN M.
DONNELL D.
DONNELLY L.
DONNELLY L.
DONNELLY R.
DONNELLY S.
DONOVAN C.
DONOVAN G.
DONOVAN H.
DONS M.
DONTH LEGAR G.
DONTH LEGER G.
DONZÌ D.
DOOMS C.
DOPAZO A.
DORAN E.
DORAN P.
DÖRFLER-SCHALM M.
DORIGON C.
DORN J.
DORNA M.
DORNELAS DE ANDRADE A.
DOROKHOVA A.
D'OROLOGIO A.
DORSCHEID D.
DORSCHEID D.
DORSSELAER S.
DÖRSSERS B.
DOS REIS BORGERS F.
DOS SANTOS C.
DOS SANTOS D.
DOS SANTOS J.
DOS SANTOS J.
DOS SANTOS R.
DOS SANTOS FERNANDES D.
DOS SANTOS LOPES F.
DOS SANTOS MARTINS A.
DOSANJH D.
DOSANJH D.
DOSBABA F.
DOSI R.

DOSMAN J.
DOSSETT C.
DOSWADA S.
DOTAN Y.
DÖTSCH J.
DOTT W.
DOU M.
DOUADI S.
DOUCET K.
DOUCETTE J.
DOUGE A.
DOUGHTY C.
DOUIK EL GHARBI L.
DOUILLET M.
DOULBERIS M.
DOULGERAKIS E.
DOUMANI M.
DOURADO P.
DOURADO JÚNIOR M.
DOURNES G.
DOUROS K.
DOUSCHAN P.
DOUŠOVÁ T.
DOUVRY B.
DOVE R.
DOVGAN A.
DOWLING J.
DOWMAN L.
DOWNER N.
DOWNEY D.
DOWNEY R.
DOWSETT K.
DOYEN M.
DOYLE L.
DRAGONIERI S.
DRAICCHIO D.
DRAIN M.
DRAKAKI A.
DRAKE W.
DRAKOPANAGIOTAKIS F.
DRANGE RØKSUND O.
DRANSFIELD M.
DREANO E.
DREHER M.
DREIER E.
DREVINEK P.
DREWS J.
DRIENDL S.
DRIESSENS C.
DRIJVER-MESSELINK M.
DRISCOLL S.
DROBBE L.
DROBNIEWSKI F.
DRÖMANN D.
DROUTMAN S.
DROVER H.
DROZD K.
DRUBE J.
DRUMMOND D.
DRUMMOND I.
DRUMMOND M.
DRY L.
DRYHURST-PEARCE L.
D'SA L.
DSOUZA N.
D'SOUZA A.
D'SOUZA A.
D'SOUZA R.
DU D.
DU Q.
DU S.
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DU PLESSIS N.
DU PLOOY E.
DU RUSQUEC P.
DUAN A.
DUAN Q.
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DUARTE A.
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DUARTE J.
DUARTE J.
DUBÉ B.
DUBEY A.
DUBINI A.
DUBOIS C.
DUBOIS M.
DUBOIS R.
DUBUIS E.
DUBUIS E.
DUBUS J.
DUCA F.
DUCHARME F.
DUCK G.
DUCKERS J.
DUCKWORTH A.
DUCOU LE POINTE H.
DUDBRIDGE F.
DUDHBHATE P.
DUDNYK V.
DUDOIGNON B.
DUENHAS ACCORSI T.
DUESTERHOEFT D.
DUFFIN T.
DUFFY A.
DUFFY A.
DUFFY S.
DUFOUR S.
DUGGAN L.
DUGOUR A.
DUI L.
DUIJTS L.
DUIJTS L.
DUINISVELD A.
DUISHEKEEVA A.
DUITMAN J.
DUITMAN J.
DUITS N.
DUIVERMAN M.
DUIVERMAN M.
DULAI V.
DUMAN D.
DUMAS F.
DUMAS M.
DUMAS O.
DUMITRACHE-RUJINSKI S.
DUMITRAS M.
DUMITRAS T.
DUMRA H.
DUNHAM M.
DUNLOP M.
DUNN W.
DUNNE J.
DUNNINK M.
DUNSTAN I.
DUNWEG A.
DUO M.
DUONG-VERLE T.
DUPIN C.
DUPIN I.
DUPLAQUET F.
DUPONT L.
DUPONT L.
DUPONT L.
DUPONT S.
DUPUY J.
DURAK G.
DURAK U.
DURÁN D.
DURAN E.
DURANTI C.
DURANTI D.
DURDAN A.
DURDIK P.
DURE R.
DUREZ P.
DURHEIM M.
DURHEIM M.
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DURHEIM M.
DURIE A.
DURIEU I.
DURKIN A.
DURMAZ D.
DUROM E.
DURRANT M.
DURRINGTON H.
DURRMEYER X.
DURU CETINKAYA P.
DURUISSEAUX M.
DURUKAN E.
DURUSTKAN ELBASI N.
DURUSU TANRIÖVER M.
DUSCHAU-WICKE A.
DÜSTERHÖFT D.
DUTA J.
DUTAU H.
DUTKOVA A.
DUTT N.
DUTTA K.
DUTTA P.
DUVAL M.
DUVALL K.
DUYAR AĞCA F.
DUYSINX B.
DVORACKOVA E.
DVORAK P.
DVOŘÁKOVÁ V.
DWIBEDI B.
DWIVEDI K.
DY-AGRA G.
DYER B.
DYHRE-PETERSEN N.
DYTRYCH V.
DYTYATKOVSKA E.
DZIUBLYK Y.
DŽUBUR F.
DZUBUR F.
DZUBUR F.
E
E HYNDS R.
E SHAUL M.
E. CORTESI E.
E. HARTMAN J.
E. KUEHNI C.
E. MOHAMMED H.
E.K RUSSELL R.
EADEN J.
EAGAN T.
EAGAN T.
EAPEN M.
EAPEN M.
EARLEY O.
EASTALL J.
EASTWOOD M.
EASTWOOD M.
EBADI Y.
EBADI Z.
EBERHARDT F.
EBERHARDT R.
EBERHARTER O.
EBIHARA S.
EBRAHIMI B.
ECCLESON H.
ECHAVARRIA D.
ECHAVARRIA KASHMIRI D.
ECHEVARRIA C.
ECHEVARRÍA GUERRERO E.
ECKE P.
ECKERT D.
ECKERT D.
ECKERT D.
EDBROOKE L.
EDDY R.
EDDY R.
EDDY R.
EDENIUS C.
EDENS M.
EDENS M.
EDER J.
EDEY A.
EDGELL S.
EDGUNLU T.
EDMONDS C.
EDMONDSON C.
EDVARDSEN A.
EDWARDS A.
EDWARDS B.
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EDWARDS C.
EDWARDS D.
EDWARDS G.
EDWARDS M.
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EDWARDS S.
EDWARDS T.
EE MING K.
EELEN B.
EFFNER R.
EFRATI O.
EFROS D.
EFSTATHIOU C.
EFSTATHOPOULOS P.
EGASHIRA R.
EGBERS S.
EGEA-ZORRILLA A.
EGENOD T.
EGER K.
EGESTEN A.
EGGELING S.
EGHOLM C.
EGHOLM G.
EGMOSE J.
EGRON C.
EHLIN A.
EHMANN R.
EHMKE N.
EHRCHEN J.
EHRHART B.
EIBERGEN A.
EICHENLAUB M.
EICHHORN F.
EICHMANN T.
EICHSTAEDT C.
EICKELBERG O.
EID S.
EIKELIS N.
EINARSSON J.
EINVIK G.
EISENHAWER C.
EISENMANN S.
EISENMANN S.
EIZAGUIRRE ANTON S.
EJAZ S.
EJAZ S.
EJAZ T.
EK C.
EKBOM E.
EKE Z.
EKENHORST C.
EKEOWA U.
EKERLJUNG L.
EKIZ ISCANLI I.
EKKELENKAMP M.
EKLÖF J.
EKLÖF J.
EKPUMIMAS K.
EKROOS H.
EKSTEDT S.
EKSTRÖM M.
EKSTRÖM* M.
EKTESABI A.
EKYARUHANGA P.
EL ALILI H.
EL AMINE B.
EL ASHKAR I.
EL ATROUS S.
EL DEIRY D.
EL EUCH A.
EL GHARBI L.
EL GHAZZANI I.
EL HUSSEINI K.
EL KHOURY J.
EL LABBAN M.
EL TERESS K.
EL YAHYAOUI M.
ELAKHDAR Y.
ELATRIS S.
ELBARAZI I.
EL-BASHIR M.
ELBASTI M.
ELBEHAIRY A.
ELBEK O.
ELBORN J.
ELBORN S.
ELDEIRY D.
ELDERMAN J.
ELEANGOVAN N.
ELEFTHERAKI A.
ELEFTHERIADOU E.
ELEFTHERIOU K.
ELEK F.
EL-EMIR E.
ELFEKIH L.
ELFERINK R.
EL-GAZZAR A.
ELGETI T.
ELHAI M.
ELHOFFY A.
ELIA D.
ELIA G.
ELIA S.
ELIAS F.
ELIAS M.
ELIASON G.
ELIZAROVA O.

ELKAYAM G.
ELKHATROUSHI B.
ELKIN S.
ELKJAER L.
ELLEMUNTER H.
ELLER M.
ELLERY A.
ELLINGSEN J.
ELLINGSEN T.
ELLIOT C.
ELLIOT C.
ELLIS D.
ELLIS P.
ELMAALEL O.
ELMADAG N.
ELMANKABADI B.
ELNEIMA O.
ELNESS H.
ELOWSSON L.
ELOY P.
ELPHICK H.
ELRASHIDY E.
ELRAYESS M.
ELSEY L.
ELSHAARAWY B.
EL-SHAARAWY B.
ELSHARAWY D.
ELSHAZLY A.
ELSHEIKH A.
ELSHERIF Y.
ELSHINAWI E.
ELSOUEIDI S.
ELSOURADY Y.
ELSTON P.
ELTON-WALTERS E.
ELWING J.
ELWORTHY V.
EMAMIPOUR S.
EMDADIAN E.
EMELYANOV A.
EMILSSON Ö.
EMILSSON Ö.
EMINSON K.
EMIRALIOGLOU N.
EMIRALIOĞLU N.
EMIRALIOGLU ORDUKAYA N.
EMIRALIOGU N.
EMIROĞLU E.
EMIRZA CILBIR Ç.
EMMANUEL B.
EMME C.
EMNA B.
EMTNER M.
EMURA M.
ENACHE I.
ENCANTADO J.
ENDEMAN H.
ENDO D.
ENDO T.
ENDRES A.
ENDRES C.
ENDRES C.
ENDRÉSZ V.
ENEROTH K.
ENG C.
ENG C.
ENGAN M.
ENGELBERG S.
ENGELKE F.
ENGESET M.
ENGHELMAYER J.
ENGHELMAYER J.
ENGKASAN J.
ENGLISH K.
ENGLISH K.
ENGONGA R.
ENGSEVI M.
ENGSTRÖM G.
ENNETT C.
ENNIS S.
ENOMOTO N.
ENRIQUEZ R.
ENYA D.
EO E.
EPAUD R.
EPAUD R.
EPIFANI E.
EPOSITO R.
ER DEDEKARGINOGLU B.
ERALP E.
ERALP E.
ERBAY U.
ERBAY U.
ERBIL M.
ERBOY KESKINTIG F.
ERCAN F.
ERCAN S.
ERCAN S.
ERÇELIK M.
ERÇEN DIKEN Ö.
ERDAL DONMEZ G.
ERDEM E.
ERDEM E.
ERDEM ERALP E.
ERDOGAN G.
ERDOĞAN Z.
ERDOGDU V.
ERDUT A.
EREN R.
ERER O.
ERFURTH A.
ERGAN B.
ERGEÇ ÖZMEN B.
ERGENEKON A.
ERGENEKON A.
ERGENEKON P.
ERGUN D.
ERGÜN R.
ERIK JULIUS HÅKANSSON K.
ERIKSEN L.
ERIKSSON STRÖM J.
ERION D.
ERJEFÄLT J.
ERJEFÄLT J.
ERJEFÄLT J.
ERKAN N.
ERKOSAR B.
ERLE D.
ERMIDOU C.
ERMIS S.
ERMOLAEV N.
ERNEST V.
ERNST B.
ERNST L.
ERNST M.
ERNSTSSON O.
EROL S.
ERÖZ R.
ERPENBECK V.
ERPENBECK V.
ERRASTI J.
ERRASTI VIADER J.
ERRO M.
ERRO IRIBARREN M.
ERSKINE J.
ERSOY A.
ERSÖZ H.
ERSÖZLÜ M.
ERSSON K.
ERSU R.
ERTAN HARPULTU O.
ERTAN HARPUTLU Ö.
ERTAN YAZAR E.
ERTÜRK M.
ERTÜRK N.
ERYILMAZ POLAT S.
ERYUKSEL E.
ERZEN I.
ERŽEN R.
ERZURUM S.
ESADA COLLABORATIVE NETWORK T.
ESCAL J.
ESCOBAR R.
ESCOURROU P.
ESCRIBANO I.
ESCRIBANO SUBÍAS P.
ESCRIBANO-SUBIAS P.
ESCUDERO F.
ESCUDERO L.
ESCUDERO M.
ESCUDERO HERRERA L.
ESENDAGLI D.
ESHGHI S.
ESKILSSON L.
ESKOLA V.
ESLAMI M.
EŞME M.
ESNAUD R.
ESPEJO D.
ESPEJO CASTELLANOS D.
ESPINÁS PIÑOL J.
ESPINOSA E.
ESPINOZA M.
ESPINOZA PÉREZ J.
ESPLEY J.
ESPLUGUES A.
ESPOSITO E.
ESQUINAS A.
ESQUINAS C.
ESQUIVEL-PACHECO A.
ESSAID Y.
ESSAM H.
ESSIAM A.
ESTEBAN L.
ESTEBAN L.
ESTEBAN-RODRÍGUEZ I.
ESTEVAM CARVALHO A.
ESTÊVÃO GOMES R.
ESTEVES P.
ESTEVEZ M.
ESTOPIER-CASTILLO V.
ESTRADA O.
ESTRADA PASTOR M.
ESZES N.
ETAL D.
ETEVE-PITSAER C.
ETHERINGTON C.
ETIENNE H.
EUBA REMENTERÍA B.
EUCHI K.
EULLER H.
EVANGELISTA COURA MACHADO GALESSI M.
EVANGELISTI M.
EVANGELODIMOU A.
EVANS A.
EVANS A.
EVANS H.
EVANS H.
EVANS I.
EVANS M.
EVANS R.
EVANS R.
EVANS R.
EVANS R.
EVANS R.
EVANS S.
EVANS S.
EVE-LEMAY S.
EVELIN WAGNER L.
EVERAERTS S.
EVERAERTS S.
EVERARD M.
EVERINGHOFF F.
EVERITT L.
EVERS L.
EVISON M.
ÉVORA GARCÍA M.
EVRARD O.
EWERT R.
EXARCHOS K.
EXETER D.
EYRAUD E.
EYRE D.
EYUBOGLU F.
EYUBOGLU T.
EZE C.
EZER N.
EZIRCAN A.
EZZAT M.
F
F FREGONEZI G.
F GAYYED M.
F UDWADIA Z.
F. BUCHVALD F.
F. CARVALHO C.
F. D'CRUZ R.
F. SANTOS R.
F. VOGELMEIER C.
F.M VAN BOVEN J.
F.M. VAN BOVEN J.
F.M. WOUTERS E.
FABBRI E.
FABBRI L.
FABBRI L.
FABBRI L.
FABBRI L.
FABIETTI G.
FABINYI H.
FABIUS T.
FABOZZI A.
FABRE A.
FABRE E.
FABRO A.
FABRY-VENDRAND C.
FAÇANHA J.
FACCHINETTI F.
FACCIOLI E.
FACCIOLONGO N.
FACI DO MARCO M.
FADEL E.
FADHEL R.
FADLI T.
FAESSER H.
FAGAN P.
FAGERÅS M.
FAGEVIK-OLSÉN M.
FAGUNDES DONADIO M.
FAGUNDES TAVARES P.
FAGUNDES-DONADIO M.
FAHD K.
FAHIM A.
FÄHNDRICH S.
FAHY J.
FAHY J.
FAHY W.
FAIEZ T.
FAIMAN J.
FAINARDI V.
FAINI A.
FAIRBROTHER C.
FAIRLEY L.
FAIZ A.
FAJARDO A.
FAKHARIAN A.
FAKHFAKH R.
FALAGARIO G.
FALCÃO A.
FALCES-SIERRA A.
FALCH-JØRGENSEN A.
FALCO A.
FALCO S.
FALCON M.
FALCONE R.
FALCONES B.
FALDE S.
FALFÁN-VALENCIA R.
FALL T.
FALLY M.
FALQUE L.
FALSTER C.
FAMING J.
FAMULSKA P.
FAN C.
FAN G.
FAN H.
FAN J.
FAN L.
FAN P.
FAN S.
FAN Y.
FAN Y.
FAN Y.
FAN Z.
FANARIDIS M.
FANDELLI P.
FANDINO J.
FANDINO GOMEZ J.
FANEN P.
FANER R.
FANER CANET R.
FANETTI M.
FANFULLA F.
FANFULLA F.
FANG C.
FANG D.
FANG H.
FANG J.
FANG L.
FANG L.
FANG Y.
FANG Z.
FANIDIS D.
FANTINI A.
FANUCCHI O.
FARAH C.

FARAH C.
FARAH E.
FARAH R.
FARAH W.
FARAJPOURLAR F.
FARD N.
FÄRDIG M.
FARGAH M.
FARGES M.
FARHADI H.
FARHANI Y.
FARHAT S.
FARIA C.
FARIA CAMARGO P.
FARIERI V.
FARINHA I.
FARINHA I.
FARINHA I.
FARKAS Á.
FARKAS E.
FARKAS F.
FARKAS J.
FARKHOOY A.
FARLEY A.
FARNE H.
FARNIK M.
FAROLFI A.
FARQUHAR M.
FARR A.
FARR A.
FARRE N.
FARRÉ R.
FARRE MADUELL A.
FARRÉ VENTURA R.
FARRELL E.
FARRELLY L.
FARRERO E.
FARRÉS-CASTANY A.
FARTOUKH M.
FARUQ M.
FARUQI S.
FARVER-VESTERGAARD I.
FARVER-VESTERGAARD I.
FASSAD M.
FASSIO A.
FATIMA A.
FATIMA Z.
FATIMA LOPES CALVO TIBERIO I.
FATTORI A.
FATTOUMI A.
FAUCHER M.
FAUJDAR S.
FAULKNER S.
FAURE M.
FAUROUX B.
FAUSTINO L.
FAUSTINO P.
FAUX S.
FAVARD F.
FAVARI A.
FAVERIO P.
FAVORY X.
FAVROLT N.
FAWAZ A.
FAWCETT K.
FAWKES A.
FAYON M.
FEARY J.
FEARY J.
FEATHER I.
FEDAK I.
FEDELI U.
FEDYK W.
FEENEY C.
FEENSTRA J.
FEGHALI-BOSTWICK C.
FEI X.
FEIG S.
FEIGH M.
FEIGLER N.
FEIJÓ S.
FEINEIS M.
FEITOSA A.
FEITOSA E.
FEKI W.
FEKI W.
FEKIH L.
FEKKAK M.
FELBY M.
FELDING GOUL S.
FELDMAN R.
FELEKOĞLU E.
FELESZKO W.
FELHI K.
FELICI E.
FELICIANGELI S.
FELICIANO J.
FELIX J.
FÉLIX M.
FELIZARDO M.
FELLAT N.
FELLONI P.
FELLRATH J.
FELUDU T.
FEND F.
FENG A.
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FENINA W.
FENNICHE S.
FENNICHE S.
FENNICHE S.
FENTON M.
FENU G.
FENWICK P.
FERA T.
FERCHICHI M.
FERDAOUS Y.
FERDOUS S.
FEREY B.
FERGADIS E.
FERGUSON C.
FERGUSON J.
FERGUSON K.
FERGUSON R.
FERIOLI M.
FERKOL T.
FERMOSO J.
FERMOYLE C.
FERNANDES C.
FERNANDES G.
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FERNANDES H.
FERNANDES J.
FERNANDES L.
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FERNANDES N.
FERNANDES P.
FERNANDES T.
FERNANDES T.
FERNANDES V.
FERNANDES BELLA Y.
FERNANDES DA CHAGAS A.
FERNANDES DE ANDRADE M.
FERNANDES DE CARVALHO C.
FERNANDES-JAMES C.
FERNANDEZ C.
FERNANDEZ C.
FERNÁNDEZ C.
FERNANDEZ C.
FERNANDEZ G.
FERNANDEZ L.
FERNÁNDEZ M.
FERNANDEZ P.
FERNÁNDEZ R.
FERNANDEZ R.
FERNÁNDEZ ÁLVAREZ R.
FERNANDEZ ANTUÑA P.
FERNÁNDEZ ARACIL M.
FERNÁNDEZ ARCOES A.
FERNANDEZ-CADENAS A.
FERNÁNDEZ DELGADO M.
FERNÁNDEZ DÍAZ-CRESPO E.
FERNANDEZ FABRELLAS E.
FERNANDEZ GAY S.
FERNÁNDEZ MENDEZ L.
FERNANDEZ MILANO A.
FERNÁNDEZ-AZORÍN L.
FERNANDEZ-BARAT L.
FERNÁNDEZ-BARAT* L.
FERNÁNDEZ-BOZA A.
FERNANDEZ-BUSSY S.
FERNANDEZ-CADENAS Á.
FERNÁNDEZ-GRANDA I.
FERNÁNDEZ-HERNÁNDEZ R.
FERNÁNDEZ-PÉREZ J.
FERNANDEZ-VARAS B.
FERNÁNDEZ-VILLAR A.
FERNANDO MORENO M.
FERRANDO C.
FERRANTE G.
FERRANTE S.
FERRANTI G.
FERRAO G.
FERRARA A.
FERRARA G.
FERRARESE M.
FERRARI C.
FERRARI D.
FERRARI G.
FERRARI K.
FERRARI M.
FERRARI P.
FERRARIO S.
FERRARO M.
FERRARO M.
FERRARO V.
FERRAROTTI I.
FERRAZ C.
FERRAZ S.
FERREIRA A.
FERREIRA A.
FERREIRA B.
FERREIRA D.
FERREIRA D.
FERREIRA D.
FERREIRA J.
FERREIRA J.
FERREIRA L.
FERREIRA L.
FERREIRA M.
FERREIRA M.
FERREIRA O.
FERREIRA P.
FERREIRA S.
FERREIRA S.
FERREIRA CARVALHO I.
FERREIRA CRUZ F.
FERREIRA DA SILVA A.
FERREIRA DE ALMEIDA M.
FERREIRA LAURENTINO E.
FERREIRA LOPES C.
FERREIRA SILVA A.
FERREIRA-SANTOS D.
FERREIRO S.
FERREIROS DE LA CAMPA L.
FERRER A.
FERRER E.
FERRER M.
FERRER M.
FERRER ESPINOSA S.
FERRER GALVAN M.
FERRER PONS A.
FERRETTI G.
FERRI S.
FERRINI E.
FERRO F.
FERRONE M.
FERRULLI S.
FERRY H.
FERSCH B.
FERTL A.
FERTMANN J.
FESENBECKH J.
FESHCHENKO D.
FESHCHENKO Y.
FESLSENSTEIN D.
FETCO-MEREUTA D.
FETTES E.
FETTES L.
FEYS T.
FEZEU L.
FIALCOSKI A.
FICHEUR G.
FICILI A.
FICKER J.
FICKER J.
FIDALGO T.
FIDAN A.
FIDAN U.
FIDANOĞLU V.
FIDDLER C.
FIEDLER A.
FIELDEN H.
FIETEN K.
FIETZE I.
FIGARD C.
FIGOLS M.
FIGUEIRA-GONÇALVES J.
FIGUEIRÊDO B.
FIGUEIREDO C.
FIGUEIREDO L.
FIGUEIREDO R.
FIGUEIREDO R.
FIGUEIREDO R.
FIGUEIREDO S.
FIGUEIREDO V.
FIGUEIREDO ROQUETE C.
FIGUEREIDO R.
FIGUEROA J.
FIGUEROA-HURTADO E.
FIJOŁEK J.
FILA L.
FILGUEIRAS L.
FILHO A.
FILIMON-CEAHLĂU M.
FILIPOW N.
FILIPPINI D.
FILIPPOU I.
FILIPPOUSIS P.
FILOCAMO G.
FILOCHE M.
FINCH S.
FINDIK B.
FINGER M.
FINK J.
FINLAY L.
FINLEY D.
FINN A.
FINNEY L.
FINNEY L.
FINNEY-HAYWARD T.
FINNSSON E.
FINOCCHIARO G.
FINOCCHIO C.
FIONI A.
FIORAVANTI C.
FIORE L.
FIORELLI A.
FIORENTINO G.
FIORENTÙ G.
FIORENTU' G.
FIORENZO E.
FIORONI S.
FIRA-MLADINESCU O.
FIRAT M.
FIRDAWS J.
FIRE G.
FIREMAN KLEIN E.
FIRINU D.
FIRSOVA A.
FISCHER A.
FISCHER G.
FISCHER K.
FISCHER M.
FISCHER R.
FISCHINGER C.
FISHER A.
FISHER J.
FISHER J.
FISHER S.

FISHWICK D.
FISSER C.
FISSETTE L.
FISTE O.
FITCH S.
FITOUHI N.
FITOURI S.
FITTON J.
FITZGERALD D.
FITZGERALD R.
FITZPATICK N.
FITZSIMMONS D.
FIYAMINNA F.
FLACK J.
FLAHERTY K.
FLAHERTY K.
FLAMEN P.
FLAMENT T.
FLANAGAN Y.
FLASCHE C.
FLEISCHAUER T.
FLEISCHER A.
FLEISCHHAUER T.
FLEMING A.
FLEMING E.
FLEMING E.
FLEMING I.
FLEMING L.
FLEMING R.
FLETCHER C.
FLETCHER S.
FLETCHER S.
FLEURENCE E.
FLEURY M.
FLICK H.
FLIGOU F.
FLINT C.
FLØE A.
FLORA S.
FLORAS J.
FLORE P.
FLORES K.
FLORES-FLORES O.
FLÓREZ L.
FLÓREZ P.
FLOREZ T.
FLORIAN S.
FLOURI D.
FLOWER L.
FLUM J.
FLUME P.
FLUME P.
FLUVIÀ L.
FLYNN C.
FLYNN J.
FLYNN K.
FNEISH Z.
FODOR G.
FOESSL I.
FOGEL R.
FOKKENS A.
FOLCHINI F.
FOLET T.
FOLLET T.
FOLLETTI* I.
FOLLOWS R.
FOLTAN M.
FONDEUR A.
FONG I.
FONG K.
FONG Y.
FONSECA A.
FONSECA A.
FONSECA L.
FONSECA M.
FONSECA M.
FONSECA P.
FONSEKA N.
FONT M.
FONTANA A.
FONTANA G.
FONTANA M.
FONTANA M.
FONTANELLA S.
FONTANGES S.
FONTENOT A.
FONTOURA PASCOAL I.
FOO S.
FOONG J.
FOOT H.
FOR THE NOVELTY SCIENTIFIC COMMUNITY AND THE NOVELTY SCIENTIFIC INVESTIGATORS -.
FOR THE NOVELTY STUDY INVESTIGATORS -.
FORASTER M.
FORD A.
FORDE L.
FORDE S.
FORDE S.
FORGERON A.
FORGET A.
FORIS V.
FORLANI M.
FORMIGA M.
FORMIGA M.
FORMSMA B.
FORNANDER T.
FORNARI V.
FORNS N.
FORRESTER J.
FORSTER F.
FORTESCUE R.
FORTESOTO P.
FORTE-SOTO P.
FORTH R.
FORTON K.
FORTUNA GUTIÉRREZ A.
FORTUNA GUTIERREZ A.
FORTUNA-GUTIÉRREZ A.
FORTUNATO E.
FOSCHINO BARBARO M.
FOSS R.
FOSSI A.
FOSTER A.
FOSTER S.
FOTEINAKI I.
FOTHERGILL J.
FOTI RANDAZZESE S.
FOUAD F.
FOUADI M.
FOUKA E.
FOURATI S.
FOURNEL L.
FOURNIER J.
FOURRIER J.
FOUSEKIS-PAPAKONSTANTINOU E.
FOUZAS S.
FOUZAS S.
FOUZIA A.
FOWLER S.
FOWLER S.
FOWLER S.
FOWLER S.
FOWLER S.
FOX L.
FOX L.
FOX RUSHBY J.
FRACASSO M.
FRAGNI D.
FRAGOSO E.
FRANÇA RODRIGUES S.
FRANCELINO-ALVES V.
FRANCESCHI E.
FRANCESCHINI J.
FRANCESCONI I.
FRANCESQUI J.
FRANCHETTI L.
FRANCHI M.
FRANCÍN-GALLEGO M.
FRANCIONI S.
FRANCIOSI A.
FRANCIOSI A.
FRANCIOSI A.
FRANCIS A.
FRANCISCO GUERREIRO CARDOSO P.
FRANCKLING -SMITH Z.
FRANCO C.
FRANCO E.
FRANCO E.
FRANCO G.
FRANCO I.
FRANCO P.
FRANCO DE OLIVEIRA L.
FRANCZUK M.
FRANGOPOULOS F.
FRANK K.
FRANKE A.
FRANKEMOLLE B.
FRANKEN S.
FRANKENBERGER M.
FRANKLIN A.
FRANKLIN K.
FRANKLIN K.
FRANKLIN K.
FRANKLIN T.
FRAŇOVÁ S.
FRANSÉN PETTERSSON N.
FRANSSEN F.
FRANSSEN F.
FRANSSEN F.
FRANTZ R.
FRANTZESKAKI F.
FRANZEN D.
FRANZEN K.
FRANZEN K.
FRANZEN K.
FRANZÉN BOGER M.
FRANZINI L.
FRASER E.
FRASER J.
FRASER K.
FRASSANITO A.
FRASZCZAK J.
FRATELLI C.
FRATER A.
FRATERNALE D.
FRAU N.
FRAUCHIGER B.
FRAUENFELDER T.
FRAUGHEN D.
FRAUGHEN D.
FRÉALLE E.
FREDERIX G.
FREDRIKSEN P.
FREE R.
FREEMAN A.
FREEMAN M.
FREEMAN S.
FREGONEZI G.
FREI A.
FREIDKIN L.
FREIRE BENTO A.
FREITAG L.
FREITAS C.
FREITAS N.
FREITAS FERNANDES PEDROSA M.
FREITAS JABER DE OLIVEIRA R.
FREIWAN M.
FRENT M.
FRENT S.
FRERK T.
FRÉSARD I.
FRESENEL E.
FRESNEL E.
FRETHEIM H.
FREUDENBERG M.
FREUND O.
FREY J.
FREY U.
FREYMOND N.
FRICKE K.
FRICKE GALINDO I.
FRICKER M.
FRIDLENDER Z.
FRIED S.
FRIEDLANDER E.
FRIEDMAN REGEV I.
FRIEDRICH F.
FRIEDRICH S.
FRIEDRICH ARNDT P.
FRIES A.
FRIGERIO P.
FRIIS-HANSEN L.
FRIJA-MASSON J.
FRIJLINK E.
FRIKHA I.
FRIKKE-SCHMIDT R.
FRILLE A.
FRINGS M.
FRINO-GARCIA A.
FRISE M.
FRISK B.
FRISTON D.
FRITH G.
FRITZ C.
FRIX A.
FRIZZELLI A.
FROHN L.
FROIDURE A.
FRØKJÆR J.
FRØLUND J.
FROMENT L.
FRONZA M.
FRØSSING L.
FROST F.
FROST F.
FROST N.
FROST S.
FROST S.
FRUMKIN L.
FRYATT G.
FRYE B.
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FRYKHOLM E.
FU B.
FU D.
FU H.
FU J.
FU M.
FU P.
FU Q.
FU T.
FU W.
FU Y.
FU Z.
FUCARINO A.
FUCHS B.
FUCHS C.
FUCHS C.
FUCHS J.
FUCHS T.
FUCILE S.
FUENTES-MATEOS R.
FUERTES E.
FUGE J.
FUHOL K.
FUHR D.
FUJIEDA S.
FUJIMOTO K.
FUJIMOTO K.
FUJIMOTO N.
FUJIMOTO S.
FUJIMOTO S.
FUJIMOTO S.
FUJIMURA S.
FUJINO N.
FUJIOKA N.
FUJITA K.
FUJITA K.
FUJITA Y.
FUJITA Y.
FUKANO H.
FUKASAWA E.
FUKIHARA J.
FUKUDA S.
FUKUDA Y.
FUKUI M.
FUKUMITSU K.
FUKUMOTO Y.
FUKUNAGA K.
FUKUOKA J.
FUKUSHIMA K.
FUKUSHIMA Y.
FULGENCIO-DELGADO A.
FULLER B.
FULLER D.
FULTON O.
FULTON W.
FUMAGALLI A.
FUMAGALLI G.
FUMAGALLI J.
FUMAGALLI M.
FUNARO E.
FÜNDERICH M.
FUNENGA FITAS E.
FUNES D.
FUNES D.
FUNG M.

FUNG N.
FUNG W.
FUNK G.
FUNKE F.
FUNKE-CHAMBOUR M.
FURIAN M.
FURLAN L.
FURLAN JR. M.
FURLANETTO K.
FURQUIM T.
FURST D.
FÜRSTOVÁ E.
FURUKAWA T.
FURUKAWA Y.
FURUMOTO A.
FURUSE H.
FURUTAKA S.
FURUYAMA T.
FUSCHILLO S.
FUSCO A.
FUSHIMI K.
FUSTIK S.
FUZARI H.
FYFE A.
FYLES F.
FYNEFACE I.

G

G P.
G BARDIN P.
G F PIRES B.
G FIGUEIREDO F.
G FIGUEIREDO R.
G. ANDRE NG G.
G. BALDI B.
G. BELVISI M.
G. NIELSEN K.
G. SILVA C.
G. SILVA J.
GABA W.
GABILLET E.
GABOLI M.
GABR A.
GABRIEL ORTEGA F.
GABRŠČEK PAREŽNIK L.
GACEM H.
GACH D.
GAD-ALLAH M.
GADER N.
GADHAVE S.
GADITI A.
GADOUD A.
GADOWSKI A.
GAEDCKE S.
GAFFNEY B.
GAFFNEY E.
GAGA M.
GAGAT M.
GAGGAR A.
GAGIANNIS D.
GAGLIANI C.
GAGLIARDI M.
GAGLIARDO R.
GAGLIARDO R.
GAGNADOUX F.
GAGNON P.
GAGNON R.
GAHLEITNER F.
GÄHLER A.
GAIA G.
GAIK W.
GAIKWAD A.
GAIKWAD A.
GAIKWAD P.
GAILLARD E.
GAILLARD E.
GAINE S.
GAISL T.
GAJANAN A.
GAJUL M.
GALA K.
GALACTEROS F.
GALAMAY L.
GALAN GONZALEZ A.
GALANI I.
GALANT S.
GALASSO T.
GALBAN C.
GALDEANO M.
GALEA Y.
GALEANO MESA A.
GALEAZZI R.
GÁLFFY G.
GALGANI M.
GALGANI S.
GALGANO G.
GALINDO K.
GALISTEO PANADERO R.
GALL R.
GALLAGHER C.
GALLAGHER H.
GALLAGHER J.
GALLANT K.
GALLARDO-ESTRELLA L.
GALLARDO-GARCÍA A.
GALLAS L.
GALLE D.
GALLEGO BORREGO J.
GALLETTA F.
GÁLLFY G.
GALLI F.
GALLI G.
GALLIGAN M.
GALLINA P.
GALLIOU G.
GALLIVANONE C.
GALLO C.
GALLO E.
GALLO V.
GALLOWAY R.
GALODE F.
GALOGAVROU M.
GALOPE S.
GALRINHO A.
GALVAGNI I.
GALVAGNI RODRIGUES N.
GALVÃO T.
GALVIN L.
GALVOSAS M.
GAMBADAURO A.
GAMBAZZA S.
GAMBINI G.
GAMBINO M.
GAMBKE L.
GAMBLE G.
GAMBS L.
GAMEIRO A.
GÁMIZ MOLINA A.
GAMLATH S.
GAN E.
GAN J.
GANAIE M.
GANAIE M.
GANA-INATIMI J.
GANDO S.
GANDULFO LARA M.
GANESH V.
GANGEMI C.
GANGI S.
GANGI S.
GANGULY J.
GANOVSKA M.
GANSLANDT C.
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GAO C.
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GAONZÁLEZ ISLAS D.
GAO-SMITH F.
GAPPA M.
GARABET A.
GARANCINI N.
GARATUN-TJELDSTØ K.
GARCIA A.
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GARCIA A.
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GARCIA O.
GARCÍA P.
GARCÍA V.
GARCIA AYMERICH J.
GARCÍA CASTILLO E.
GARCIA CERRO G.
GARCÍA CHUMILLAS V.
GARCIA CLEMENTE M.
GARCÍA CLEMENTE M.
GARCÍA DE LA FUENTE A.
GARCÍA DELGADO E.
GARCÍA FADUL C.
GARCÍA GARCÍA A.
GARCIA GARCIA M.
GARCIA GARCIA V.
GARCÍA GIL S.
GARCÍA GONZÁLEZ P.
GARCIA GUERRERO T.
GARCIA IGLESIAS J.
GARCIA LOPEZ J.
GARCÍA LUJÁN R.
GARCIA MANSFIELED K.
GARCIA MARTEARENA M.
GARCÍA MOGUEL I.
GARCÍA MORALES S.
GARCIA MOYANO M.
GARCIA MUÑOZ H.
GARCIA OLIVÉ I.
GARCÍA RIVERO J.
GARCÍA RODRÍGUEZ O.
GARCÍA ROMERO DE TEJADA J.
GARCÍA SÁNCHEZ A.
GARCÍA SÁNCHEZ C.
GARCÍA TIRADO J.
GARCIA-AYMERICH J.
GARCÍA-CASTRO G.
GARCÍA-COSÍO F.
GARCÍA-CRUZ M.
GARCÍA-GALLARDO
SANZ M.
GARCÍA-GARCÍA R.
GARCIA-GARCIA V.
GARCÍA-HIDALGO M.
GARCIA-OLIVE I.
GARCÍA-POZA P.
GARCÍA-RAMÍREZ U.
GARCÍA-RÍO F.
GARCÍAS CLEMENTE M.
GARCÍA-SALVADOR A.
GARCÍA-SÁNCHEZ A.
GARCI-VARELA OLEA M.
GARDE A.
GARDE S.
GARDINER L.
GARDINER N.
GARDINER N.
GARDNER L.
GAREIOU Z.
GARG H.
GARG P.
GARG R.
GARG S.
GARGOURI I.
GARGOURI N.
GARGOURI R.
GARIAZZO C.
GARMENDIA GARCÍA J.
GARNER H.
GARNER J.
GARNER J.
GARNER J.
GARNER* J.
GARRIDO A.
GARRIDO C.
GARRIDO GARCÍA B.
GARRIGA GRIMAU L.
GARRIVET J.
GARROTE CORRAL S.
GARSIN E.
GARSTANG J.
GARVEY S.
GASCON M.
GASCON MORENO V.
GASER A.
GASHAW H.
GASHYNOVA K.
GASKELL R.
GASPAR M.
GASPAR RIBEIRO A.
GASPARD D.
GASPARIS N.
GASPARIS N.
GASPEROVIČ S.
GASSASSE Z.
GASTALDI A.
GASTON B.
GASTON M.
GASULL X.
GATER O.
GATES J.
GATHERAL T.
GATHERAL T.
GATIUS S.
GATT Y.
GATTERER H.
GATTI D.
GATTO L.
GATTO M.
GATZOULIS M.
GAUDERMAN W.
GAUME M.
GAUR A.
GAUR S.
GAUR V.
GAUTAM A.
GAUTIER-ISOLA M.
GAUVREAU G.
GAVARA N.
GAVEL J.
GAVILANES F.
GAVIN O.
GAVRYLYUK G.
GAVRYSYUK V.
GAWAS A.
GAWLIK-LIPINSKI A.
GAWRYLUK D.
GAY A.
GAYA I.
GAYÁ MORENO F.
GAYAN-RAMIREZ G.
GAYATHRI H.
GAYATHRI DEVI H.
GAYLE A.
GAYRETLI ATAN S.
GAYRETLI AYDIN Z.
GAYVERT K.
GAZWANI A.
GAZZANA M.
GE A.
GE S.
GE W.
GEALE K.
GEASON R.
GEBERT Z.
GEÇGEL E.
GEDDIE M.
GEELS C.
GEERING B.
GEFFERS R.
GEGIN S.
GEHRING U.
GEIRNAERT S.
GEIS M.
GEIßLER I.
GELL L.
GELTNER C.
GEMICIOGLU B.
GENÇALP A.
GENCER A.

GENCER TULUY M.
GENÇOĞLU M.
GENDUSO G.
GENECAND L.
GENKOVA K.
GENNARO N.
GENOV K.
GENSCHMER K.
GENTILE L.
GENTILI F.
GENTINA T.
GENZOR S.
GEOFFROY P.
GEORGAKOPOULOS C.
GEORGE E.
GEORGE G.
GEORGE K.
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GEORGE V.
GEORGES M.
GEORGIADIS T.
GEORGIADIS T.
GEORGIADIS X.
GEORGIEV P.
GEORGIOU M.
GEORGOMANOLIS T.
GEORGOULA K.
GEORJON L.
GEPHINE S.
GERARDS S.
GERAYELI F.
GERAYELI F.
GERBER A.
GERCKE P.
GERCKENS M.
GEREIGE J.
GERLIS C.
GERLOFS-NIJLAND M.
GERMACK H.
GERMAIN G.
GERMI A.
GERONUTTI J.
GEROVASILEIOU E.
GERRITSE B.
GERRITSMA Y.
GERSHMAN E.
GERSHON A.
GERSON S.
GERSTLAUER M.
GERVAIS Y.
GESIERICH W.
GESSNER B.
GESSNER C.
GESTER F.
GETHINGS C.
GEUDENS V.
GEVAERT P.
GEVERS E.
GEYSEN H.
GEZER M.
GEZER N.
GEZER T.
GEZZI A.
GHADA B.
GHADAGE P.
GHAITH A.
GHAMEM R.
GHAMMEM R.
GHANEM M.
GHANI H.
GHANI I.
GHANNOUCHI I.
GHARBI L.
GHARSALLAOUI S.
GHATAK S.
GHATTAS S.
GHAYE B.
GHAZAL R.
GHELARDINI P.
GHEORGHIU A.
GHEWADE B.
GHEZZI M.
GHEZZI S.
GHIADONI L.
GHIDINI A.
GHIGNA M.
GHIGO A.
GHILDIYAL A.
GHIMIRE J.
GHINASSI F.
GHIO S.
GHIRARDO S.
GHITA R.
GHIZAOUI Z.
GHOBADI-MARALLU H.
GHOFRANI A.
GHOFRANI H.
GHOFRANI H.
GHOFRANI H.
GHOLAMALISHAHI S.
GHORPADE D.
GHOSH A.
GHOSH K.
GHOSH P.
GHOSH S.
GHOUT I.
GHOZZI M.
GHRAIRI H.
GHRIBI W.
GHURAIBAWI M.
GIACOMELLI I.
GIACOMI G.
GIALAFOS E.
GIAMPALMA E.
GIANA I.
GIANCOTTI G.
GIANELLA P.
GIANG C.
GIANNAKOULAS G.
GIANNATTASIO C.
GIANNÌ C.
GIANNOCCARO F.
GIANNONI A.
GIANNOPOULOS S.
GIANNOZZI L.
GIASCHINI G.
GIAVINA-BIANCHI P.
GIBBONS J.
GIBBONS M.
GIBBONS M.
GIBBONS M.
GIBBS J.
GIBBS J.
GIBERT C.
GIBERTONI D.
GIBSON D.
GIBSON E.
GIBSON K.
GIBSON N.
GIBSON P.
GIBSON R.
GIBSON S.
GICQUELLO A.
GIE A.
GIELICZ A.
GIERLINSKI M.
GIETEMA H.
GIEZEMAN M.
GIFFEN E.
GIGI V.
GIGNANI J.
GIJSEN C.
GIL A.
GIL H.
GIL S.
GIL V.
GIL GÓMEZ A.
GIL MARTÍN F.
GILBERT H.
GILBERT M.
GILCHRIST C.
GILCHRIST C.
GILCHRIST C.
GILCHRIST F.
GILELES-HILLEL A.
GILES G.
GILL C.
GILL C.
GILL C.
GILL P.
GILL P.
GILLAND C.
GILLES D.
GILLESPIE L.
GILLESPIE P.
GILLETT T.
GILLETT T.
GILLI M.
GILLIES C.
GILMOUR A.
GIL-MUÑOZ F.
GILPIN R.
GILRANE V.
GILROY-CHEETHAM J.
GILWORTH G.
GIMÉNEZ S.
GIMÉNEZ BADÍA S.
GIMÉNEZ-CAPITÁN A.
GIMENO DIAZ DE ATAURI A.
GIMENO SANTOS E.
GIMENO-SANTOS E.
GINI E.
GINIGE I.
GINIS A.
GINOUX M.
GINOVSKA-TASEVSKA E.
GIN-SING W.
GIOFFRÈ G.
GIOIA P.
GIOLDASI I.
GIORDANO P.
GIORGIANO N.
GIOVANNELLI J.
GIOVANNINI-CHAMI L.
GIOXARI E.
GIRALDO MONTOYA A.
GIRALDO-CADAVID L.
GIRARDI M.
GIRAUD P.
GIRAUDO C.
GIRAULT A.
GIRAULT C.
GIRDLER E.
GIRELLI J.
GIRGIN DINDAR B.
GIRI M.
GIRI M.
GIRIT S.
GIRODET P.
GIROLAMO R.
GIRON MATUTE W.
GIROTTO ALBERTI C.
GIROUX-LEPRIEUR E.
GISBERT SOLER J.
GÍSLASON T.
GISPERT J.
GITHINJI L.
GITTINS M.
GITTO E.
GIUBERGIA V.
GIUFFRÈ M.
GIUFFREDA E.
GIULIANELLI G.
GIULIANI D.
GIULIETTI F.
GIUNTOLI L.
GIURGEA I.
GIUSEPPI A.
GIUSEPPUCCI C.
GIVRAN L.
GJELOSCHI J.
GJINOVSKA TASEVSKA E.
GKIOZOS I.
GKIOZOS I.
GLAESER S.
GLÄSER A.
GLASPOLE I.
GLASS F.
GLATTER T.
GLAZZARD C.
GLEESON F.
GLEESON L.
GLEESON M.
GLEESON M.
GLEN C.
GLICK S.
GLIMELIUS I.
GLODIC G.
GLOECKL R.
GLOGOVSKA P.
GLOMBA K.
GLOVER S.
GLUHOVIC V.
GNAGBO C.
GOBAT N.
GOBBO M.
GOBURDHUN R.
GOCHI M.
GOCHUICO B.
GODET C.
GODFREY E.
GODIC I.
GODINAS L.
GODINHO D.
GODOY I.
GODOY R.
GODSAL M.
GODTFREDSEN N.
GODTFREDSEN N.
GODTS J.
GOEHRINGER F.
GOEIJENBIER M.
GOEKERI C.
GOEL A.
GOEL A.
GOEL K.
GOEL M.
GOEL S.
GOEMANS A.
GOEMINNE P.
GOEMINNE P.
GOEMINNE P.
GOËRTZ Y.
GOESCH J.
GOETEYN E.
GOETZ T.
GOETZE J.
GOFFINON E.
GOGAERT S.
GOGALI A.
GOGGIN P.
GOGOI D.
GOGOI N.
GOGTAY J.
GOH A.
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GOHIER B.
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GÖHRE F.
GOHY S.
GOIRAND F.
GOITISOLO OYON A.
GÖKBEL M.
GÖKÇE B.
GÖKDEMIR F.
GOKDEMIR Y.
GÖKMEN D.
GOKSEL O.
GOLAN D.
GOLAN-TRIPTO I.
GÓLCZEWSKI T.
GOLD D.
GOLDBAG-MANSKY R.
GOLDBERG M.
GOLDBERG O.
GOLDFEDER S.
GOLDKLANG M.
GOLDMAN A.
GOLEC A.
GOLETTO T.
GOLI M VENKATA K.
GOLIAS J.
GOLIGHER E.
GÖLITZ F.
GOLLINUCCI C.
GOLOGANU D.
GOLOGANU D.
GOLUBOVIC A.
GOMÀ G.
GOMAS S.
GOMBERG-MAITLAND M.
GOMES A.
GOMES E.
GOMES G.
GOMES J.
GOMES L.
GOMES R.
GOMES T.
GOMES DE SOUZA ANDRADE C.
GOMEZ A.
GOMEZ D.

GOMEZ N.
GOMÉZ R.
GOMEZ S.
GÓMEZ BASTERO A.
GOMEZ BONILLA A.
GOMEZ CAMBLOR J.
GOMEZ CRESPO B.
GÓMEZ DEL OLMO V.
GOMEZ MARIANO G.
GÓMEZ OLLÉS C.
GOMEZ OLLES S.
GÓMEZ PALAU R.
GOMEZ REAL F.
GOMEZ SACRISTAN A.
GÓMEZ SISO V.
GOMEZ-BASTERO FERNANDEZ A.
GÓMEZ-CARBALLA A.
GÓMEZ-CARRERA L.
GÓMEZ-CORREDOIRA E.
GOMEZ-GARRIDO A.
GÓMEZ-LÓPEZ A.
GOMEZ-OLLES S.
GÓMEZ-PALAU R.
GOMEZ-PASTRANA DURAN D.
GOMEZ-PUERTA J.
GÓMEZ-ROIG M.
GOMMERS D.
GOMMERS D.
GOMPELMANN D.
GON Y.
GÖNÇ E.
GÖNÇ E.
GONCA UĞUR CHOUSEIN E.
GONÇALES R.
GONÇALES V.
GONÇALVES A.
GONÇALVES I.
GONÇALVES M.
GONÇALVES M.
GONÇALVES CUNH M.
GONÇALVES CUNHA M.
GONCALVES CUNHA M.
GONCALVES FELIX R.
GONÇALVES MARQUES A.
GONÇALVES MENDES R.
GONCALVES ROMEU P.
GONCHAROVA E.
GONDÁŠ E.
GONDER ERDEDE N.
GÖNDEREN K.
GONDHALI G.
GONFIOTTI A.
GONG J.
GONG S.
GONGATI KRUPARAO P.
GONGOL B.
GOÑI-DE-CERIO F.
GONNELLI F.
GONSARD A.
GONZALES A.
GONZALES BERMEJO J.
GONZALEZ C.
GONZALEZ I.
GONZÁLEZ J.
GONZALEZ J.
GONZÁLEZ J.
GONZALEZ L.
GONZALEZ L.
GONZÁLEZ L.
GONZALEZ O.
GONZÁLEZ BARCALA F.
GONZALEZ CASTRO S.
GONZÁLEZ DÁVILA E.
GONZÁLEZ DEL PINO C.
GONZÁLEZ GARCÍA M.
GONZÁLEZ GONZÁLEZ M.
GONZALEZ GUTIERREZ J.
GONZÁLEZ GUTIERREZ S.
GONZÁLEZ HERNÁNDEZ A.
GONZÁLEZ ISLAS D.
GONZÁLEZ MAURAZOS G.
GONZÁLEZ MONTAÑEZ C.
GONZALEZ MORO J.
GONZÁLEZ RAMOS L.
GONZALEZ RIBEIRO M.
GONZÁLEZ VERGARA D.
GONZÁLEZ VICENTE M.
GONZÁLEZ-BARCALA F.
GONZALEZ-BERMEJO J.
GONZÁLEZ-COLOM R.
GONZÁLEZ-DONIZ L.
GONZÁLEZ-FERNÁNDEZ C.
GONZÁLEZ-JIMÉNEZ P.
GONZÁLEZ-PÉREZ R.
GONZÁLEZ-TUYUB Y.
GONZÁLEZ-URIBE V.
GONZATO E.
GOOBIE G.
GOODALL M.
GOODMAN L.
GOODREM P.
GOODWIN A.
GOODWIN J.
GOOM R.
GOONDI D.
GOORSENBERG A.
GOOS T.
GOOSSENS E.
GOOSSENS N.
GOPAL K.
GOPAL R.
GOPAL V.
GOPALAKRISHNA P.
GOPIKA U.
GOR D.
GORDAT M.
GORDON A.
GORDON B.
GORDON S.
GORDON S.
GORDON T.
GORE R.
GÖREK DILEKTAŞLI A.
GORENJAK M.
GORENKO G.
GORI A.
GORI G.
GORI L.
GORINI G.
GÖRLACH A.
GORMAN P.
GORODNA O.
GOROHOVA M.
GÓRSKA K.
GORST S.
GORT-PANIELLO C.
GOSAL E.
GOSENS R.
GOSKER H.
GOSKER H.
GÖSTERICI S.
GOTERA C.
GOTERA-RIVERA C.
GOTERI G.
GOTE-SCHNIERING J.
GOTHI D.
GOTO N.
GOTO Y.
GÖTSCHKE J.
GOTTLIEB J.
GOTTLIEB U.
GOTTSCHALK S.
GØTZE J.
GOUBAU C.
GOUBERT L.
GOULAOUIC H.
GOULART C.
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GOULAS A.
GOULD S.
GOULDING R.
GOUMANS M.
GOUMANS M.
GOUMIDI L.
GOUNANT V.
GOUPIL F.
GOUR S.
GOURDIER A.
GOURGOULIANIS K.
GOUROUNTI K.
GOURTI M.
GOUSSARD P.
GOUTAKI M.
GOUTHRO I.
GOUVERIS H.
GOVINDARAJU T.
GOVONI M.
GOWING F.
GOWMAN H.
GOYAL A.
GOYAL J.
GÖYNÜMER F.
GOZAL D.
GÖZEN BAYRAMOĞLU G.
GOZZI F.
GRAALMANN T.
GRABCZAK E.
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GRACCI S.
GRACE T.
GRACIA E.
GRACIA LAVEDAN E.
GRÄF S.
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GRAH C.
GRAHAM C.
GRAHAM L.
GRAHAM L.
GRAINGE C.
GRALINSKI M.
GRAMAGNA A.
GRAMEGNA A.
GRAMMATOPOULOU I.
GRAN G.
GRANADOS G.
GRANADOS SANTIAGO M.
GRANATO M.
GRANDHI S.
GRANELL R.
GRANGER C.
GRANGER C.
GRANGER L.
GRANOZZI B.
GRANT A.
GRANT S.
GRANUM B.
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GRASEMANN H.
GRASL M.
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GRASS V.
GRASSELLI G.
GRASSHOFF U.
GRASSI L.
GRASSION L.
GRATACÓS M.
GRATACÓS I AURICH M.
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GRAU-BOSCH O.
GRAUER Y.
GRAUMANN O.
GRAVE A.
GRAVELL E.
GRAVEN E.
GRAVER PETERSEN A.
GRAVES M.
GRAVESEN SALINAS C.
GRAVIER F.
GRAY A.
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GRAZI R.
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GREGORI A.
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GREIF B.
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GRENHA R.
GRENVILLE J.
GRESHAM D.
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GREULICH T.
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GREUTMANN M.
GREY L.
GREYLING M.
GRICKSCHAT V.
GRIEGER K.
GRIESE M.
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GRIFFITHS S.
GRIFFON L.
GRIGG J.
GRIGOLETTO I.
GRIGORESCU C.
GRIKSAITIS M.
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GRILLO G.
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GRIMAL C.
GRIMALDI A.
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GRIMWOOD K.
GRINGRAS P.
GRINSCHGL-LEIS T.
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GROENEN M.
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GROHÉ C.
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GROSSO S.
GROß-OPHOFF-MÜLLER C.
GROßSTÜCK A.
GROSU A.
GROTE L.
GROTE V.
GROTH E.
GROTJOHAN H.
GROUP I.
GROVES H.
GRUBEN D.
GRUBER A.
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GRUEBL A.
GRUMLEY S.
GRUND D.
GRUNDEVIK P.
GRUNDTVIG SKAARUP K.
GRUNDY S.
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GRUTTERS J.
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GRUZIEVA O.
GRYCHTOL R.
GRYMONPREZ M.
GRYNBLAT J.
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GUAJARDO MADORRÁN M.
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GUALANO G.
GUAN J.
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GUARINI G.
GUARISE R.
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GUARNERA M.
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GUCSAV M.
GÜDÜL BACANLI M.
GUDUMAC E.
GUECAMBURU M.
GUEDER N.
GUEDES GOMES M.
GUENETTE J.
GUENETTE J.
GUENTHER A.
GUENTHER S.
GUENZLER V.
GUERRA B.
GUERRA RAMOS J.
GUERRA RUIZ V.
GUERRA-RUIZ V.
GUERREIRO C.
GUERRERO J.
GUERRERO M.
GUERRIERI A.
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GUERRIERI M.
GUERRIERI R.
GUERRINI E.
GUESS M.
GUETS DOMBOU A.
GUETTLER B.
GUEZGUEZ F.
GUGGINO G.
GUGLIELMI F.
GUGLIELMI G.
GUIA M.
GUIDA G.
GUIDA V.
GUIDO P.
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GUIGNABERT C.
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GUILBERT T.
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GUILHERMINO M.
GUILLAMAT R.
GUILLAMAT PRATS R.
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GUILLAUMOT A.
GUILLEMINAULT L.
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GUILLEMOT A.
GUILLEN-GUIO B.
GUIMARÃES M.
GUIMARÃES S.
GUIMENO-SANTOS E.
GUINTO E.
GUIOT J.
GUISOT N.
GUISSARD F.
GUITARD J.
GUIZAOUI Z.
GUL D.
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GULATI A.
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GULEC A.
GÜLEÇ BALBAY E.
GULEN F.
GULER H.
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GULER S.
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GULERIA R.
GULLA K.
GULLER P.
GULLIVER J.
GULLLA K.
GULLÓN BLANCO J.
GULPO G.
GÜLŞEN E.
GULSVIK A.
GÜLTEKIN C.
GÜLTEKIN Ö.
GUMBER A.
GUMBIENE L.
GUMELER E.
GUMENIUK G.
GUMENIUK M.
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GUMENYUK M.
GUMPOLDSBERGER M.
GÜMÜŞ A.
GUNARATNAM C.
GÜNAY B.
GÜNAY H.
GUNDERSEN M.
GUNDOGAN E.
GÜNDOĞUŞ B.
GUNDUZ C.
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GUNEL-OZCAN A.
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GÜNEY Z.
GUNGOR B.
GÜNGÖR E.
GUNGOR G.
GÜNGÖR Ö.
GUNGOR S.
GUNGORDU N.
GUNLUOGLU G.
GUNNARSSON R.
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GÜNTHER C.
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GUPTA V.
GUR M.
GURBANOVA E.
GÜRBÜZ A.
GÜRBÜZ O.
GÜREL D.
GURGUN A.
GURJAR M.
GURLEK KISACIK O.
GÜRLER E.
GURNEA K.
GURNELL M.
GURSES H.
GURUN KAYA A.
GURYEV V.
GUSCIORA M.
GUSHKEN F.
GUSMÃO I.
GUSMÃO T.
GUSTAFSON P.
GUSTAFSSON L.
GUSTAFSSON P.
GUSTAFSSON P.
GUSTO G.
GUSTYA G.
GUTBIER B.
GUTIÉRREZ E.
GUTIÉRREZ M.
GUTIERREZ ALVAREZ F.
GUTIERREZ CAMPOS D.
GUTIÉRREZ HERNÁNDEZ S.
GUTIÉRREZ PEREYRA F.
GUTIÉRREZ ROUCO M.
GUTIÉRREZ URRA T.
GUTIERREZ-CAMPOS D.
GUTIERREZ-GALLEGOS P.
GUTIERREZ-HERNANDEZ S.
GUTIÉRREZ-LARRAYA SÁNCHEZ-ANDRADE R.
GUTTMANN-DUCKE C.
GUVEN COSGUN I.
GÜVENIR A.
GUXENS M.
GUYARD A.
GUYON A.
GÜZEL E.
GÜZEL M.
GÜZIN Y.
GUZZARDELLA A.
GVOZDETSKA O.
GYARMATI É.
GYERTSON K.
GYESUN J.
GYIMAH C.
GYÖRIK S.
GYSAN M.
GYSELINCK I.
H
H MANSUR A.
H SAKELAROPOULOS E.
H. KHAN A.
H. KOPPELMAN G.
H. STORGAARD, RN L.
H.FAYED M.
H.M.K. USZKO-LENCER N.
HA E.
HA T.
HAAGSMA J.
HAAKANSSON, K.
HAANDRIKMAN R.
HAARMAN E.
HAARMAN E.
HAAS S.
HABANA L.
HABBIG S.
HABCHI B.
HABEAU R.
HABERECKER M.
HABERL S.
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HABEŞOĞLU M.
HABGOOD M.
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HABIB M.
HABIBECH S.
HABIBI A.
HABIB-MAILLARD S.
HABOURIA C.
HABSHYDZE N.
HACHICHA S.
HACHMI M.
HACHULLA A.
HACHULLA E.
HACKER A.
HACKETT T.
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HACKMANN M.
HACKSHAW A.
HACKX M.
HADAD Y.
HADCHOUEL A.
HADDA V.
HADDY N.
HADELI N.
HADHUD M.
HADJ BOUZID I.
HADJ DAHMEN M.
HADJERSI F.
HADZIC S.
HAEGY J.
HAENTSCHEL M.
HAERYNCK F.
HAESEBAERT J.
HAESEVOETS S.
HAFEEZ A.
HAFERMANN J.
HÄFLIGER A.
HAGA S.
HAGAN G.
HAGAN J.
HAGEN M.
HAGIMOTO S.
HÄGI-PEDERSEN M.
HAGIWARA A.
HAGIWARA E.
HAGL B.
HAGMEYER L.
HAGUE C.
HAHN A.
HAHN M.
HAHN M.
HAIDER S.
HAIFA Z.
HAILE S.
HAIN T.
HAINES J.
HAITCHI H.

HAJ DAHMEN M.
HAJI G.
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HAJIRO T.
HAJJA A.
HAJMAMMADLI H.
HAJMOHAMMADI H.
HAJOUJI L.
HAJRULLAHU G.
HAK E.
HÅKANSSON K.
HÅKANSSON K.
HAKÇIL ÖZ T.
HAKIM A.
HALAIDA M.
HALBACH M.
HALBERSTAT J.
HALDAR I.
HALDAR P.
HALDER A.
HALDER I.
HALE C.
HALE J.
HALEVY Y.
HALIL M.
HALIM H.
HALIS E.
HALITIM P.
HALIZ E.
HALL G.
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HALLAHAN P.
HALLBERG C.
HALLBERG J.
HALLGREN J.
HALLIDAY R.
HALLIFAX R.
HALLOUMI O.
HALLOWELL R.
HALLUM A.
HALPIN D.
HALPIN D.
HALPIN D.
HALVARSSON A.
HALVORSEN T.
HALWE N.
HAMADA Y.
HAMAGUCHI M.
HAMAGUCHI Y.
HAMAM-ALCOBER Y.
HAMAZAKI N.
HAMBLIN M.
HAMDAWI N.
HAMDI A.
HAMDI B.
HAMDI S.
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HAMELMANN E.
HAMERLIJNCK D.
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HAMIDI F.
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HAMILTON J.
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HAMMAMI Y.
HAMMAMI Z.
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HAMMER S.
HAMMERL P.
HAMMERSLEY V.
HAMMERSLEY V.
HAMMONDS J.
HAMMOUDA N.
HAMMOUDA Z.
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HAMOUDA M.
HAMOUDAA E.
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HAMREFORS V.
HAMROUNI M.
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HANDOKO M.
HANDOKO-DE MAN F.
HANDOO V.
HANEL B.
HANEY S.
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HANGAARD S.
HANGÜL M.
HANI Y.
HANIF H.
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HANIOTOU A.
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HARDAVELLA G.
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HARMERLIJNCK D.
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HARRISON* S.
HARSHA VARDHAN REDDY N.
HARSHAVARDHANA E.
HARSTON G.
HART N.
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HARTEVELT M.
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HARTLEY J.
HARTLEY T.
HARTLING H.
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HARTREE E.
HARTUNG A.
HARVEY A.
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HARVEY-DUNSTAN T.
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HAUFROID V.
HAUG G.
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HAUGHNEY J.
HAUGSTVEDT A.
HAUSER D.
HAUSS P.
HAUTAMÄKI A.
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HAVE M.
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HEBESTREIT H.
HEBISAWA A.
HEBLE J.
HECHING M.
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HECKER M.
HECTOR A.
HEDHLI A.
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HEDLIN G.
HEDLUND M.
HEDMAN A.
HEDMAN K.
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HEDNER J.
HEDNER* J.
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HEENDENIYA N.
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HEER P.
HEEZEN M.
HEFFLER E.
HEFFLER E.
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HEGERMANN J.
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HEIER M.
HEIJER M.
HEIJERMAN H.
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HEIM E.
HEIMANN A.
HEIMERL T.
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HEINE B.
HEINEMAN D.
HEINEMAN D.
HEINRICH J.
HEINSEN N.
HEINZER R.
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HEJDUK K.
HEKKING P.
HELD J.
HELENIUS D.
HELK O.
HELK-LIM C.
HELLE T.
HELLEMONS M.
HELLER-BAAN R.
HELLINGS P.
HELLQVIST Å.
HELLSTRÖM A.
HELLY F.
HELMI A.
HELMPROBST F.
HELMS S.
HELORET-CHOINIER P.
HEMINGWAY H.
HEMMINGS B.
HEMNES A.
HENCHI S.
HENDICK J.
HENDRICKX D.
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HENDRIKS J.
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HENNEGRAVE F.
HENNEICKE H.
HENNEQUIN C.
HENNESSY F.
HENNING A.
HENNING C.
HENNY* J.
HENRIKSEN A.
HENRIKSEN T.
HENRION M.
HENRIQUES F.
HENRIQUEZ N.
HENRÍQUEZ-BELTRÁN M.
HENROT P.
HENROT P.
HENRY C.
HENRY C.
HENSCHKE C.
HENSGENS M.
HENSHALL C.
HENTATI A.
HEPPLE M.
HEPWORTH G.
HER C.
HÉRÁK B.
HERAUD N.
HERAWATI A.
HERAZO-MAYA J.
HERBERT S.
HERBERTH G.
HERBRETEAU M.
HERBSTRITT L.
HERCBERG S.
HERDLISKA M.
HEREDIA CIURÓ A.
HÉRENGT F.
HERIBANOVA L.
HERMAN F.
HERMAN G.
HERMANN D.
HERMANN E.
HERMANN M.
HERMANS F.
HERMENS R.
HERMIDA-VALVERDE T.
HERMÓGENES DE SOUZA J.
HERMOSO DE MENDOZA S.
HERMOSO DE MENDOZA ARISTEGUI S.
HERNÁNDEZ A.
HERNÁNDEZ A.
HERNÁNDEZ A.
HERNANDEZ E.
HERNANDEZ F.
HERNANDEZ G.
HERNANDEZ I.
HERNÁNDEZ J.
HERNANDEZ M.
HERNANDEZ M.
HERNÁNDEZ ARGUDO M.
HERNANDEZ BIETTE A.
HERNÁNDEZ CRISTANCHO A.
HERNÁNDEZ GONZÁLEZ F.
HERNANDEZ GONZALEZ F.
HERNÁNDEZ HERNÁNDEZ M.
HERNANDEZ HERNANDEZ T.
HERNÁNDEZ LÓPEZ N.
HERNÁNDEZ MÉNDEZ A.
HERNÁNDEZ VÁZQUEZ J.
HERNÁNDEZ VOTH A.
HERNÁNDEZ-BLASCO L.
HERNANDEZ-GONZALEZ F.
HERNÁNDEZ-MARCOS M.
HERNANDEZ-PACHECO N.
HERNÁNDEZ-PÉREZ J.
HERNÍQUEZ M.
HEROLD I.
HEROLD S.
HERON M.
HERQUELOT E.
HERRAIZ A.
HERRE J.
HERREMAN A.
HERRERA A.
HERRERA A.
HERRERA E.
HERRERA TAMAYO M.
HERRERA VELASCO L.
HERRERO B.
HERRERO CORTINA B.
HERRERO HUERTA J.
HERRERO HUERTAS J.
HERRMANN M.
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HERTIG D.
HERVÁS D.
HERVÁS MARÍN D.
HERZOG H.
HERZOG S.
HESAMI G.
HESLOP MARSHALL K.
HESSE C.
HESSE L.
HESSELS L.
HESSLER L.
HESSLINGER C.
HETTIARACHCHI S.
HETTIARACHCHI S.
HETTICH I.
HETZEL J.
HETZEL J.
HETZEL M.
HEUKER OF HOEK T.
HEUNKS L.
HEUSCHMANN P.
HEUSCHMANN P.
HEUßEL C.
HEUVEL H.
HEUVELMANS M.
HEVIA MENÉNDEZ M.
HEW M.
HEWITT J.
HEWITT R.
HEWITT R.
HEWITT R.
HEYCKENDORF J.
HEYDARI G.
HEYER-CHAUHAN N.
HEYS M.
HEZER H.
HICKES W.
HICKEY H.
HICKEY L.
HICKEY M.
HICKEY R.
HICKS A.
HICKS D.
HIDAKA B.
HIDALGO-MOLINA A.
HIDIC N.
HIDRI R.
HIEMSTRA A.
HIEMSTRA P.
HIGASHIMOTO Y.
HIGASHIYAMA Y.
HIGGINS M.
HIGHAM A.
HIGON-CAÑIGRAL A.
HIGUCHI S.
HIHO S.
HIJLEH A.
HIJLEH A.
HILA A.
HILARES VERA J.
HILARES VERA J.
HILBERG O.
HILES S.
HILFIKER R.
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HILL A.
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HILLIARD T.
HILLIQUIN S.
HILMIOGLU O.
HILTON S.
HILTUNEN A.
HILTY M.
HILVERING B.
HIMPE U.
HINCE K.
HINDRÉ R.
HINDS D.
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HINGORANI A.
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HINTON E.
HINTON M.
HINZE C.
HINZPETER A.
HIPÓLITO N.
HIPÓLITO REIS C.
HIPÓLITO REIS M.
HIPPOLYTE S.
HIRAI K.
HIRAI M.
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HIRAIDE T.
HIRAMATSU M.
HIRANI D.
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HIRÇIN CENGER D.
HIROSE M.
HIROSE R.
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HIRST R.
HIRUTA M.
HITCHCOCK F.
HIVERT M.
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HOCHEPIED T.
HOCKING A.
HODA M.
HODGE H.
HODGKINS H.
HODGSON C.
HODKINSON C.
HODKINSON C.
HODZIC A.
HOEFSLOOT W.
HOEGER P.
HOEKSEMA M.
HOEKSTRA N.
HOEKSTRA N.
HOEPER M.
HOEPER M.
HOETZENECKER K.
HOFFMAN E.
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HOFFMAN T.
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HOFFMANN D.
HOFFMANN K.
HOFFMÄNNER D.
HOFFMANN-VOLD A.
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HOFFMAN-VOLD A.
HOFMAN D.
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HÖGER P.
HOGG C.
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HØGSBERG D.
HÖGSTRÖM G.
HOHEISEL A.
HOHEISEL G.
HOHEISEL G.
HOHEISEL* A.
HØJ S.
HOJO M.
HOLDAR U.
HOLDEN A.
HOLDEN C.
HOLDEN S.
HOLDEN S.
HOLEČEK KRIŠTOFOVÁ T.
HOLEČEK-KRIŠTOFOVÁ T.
HOLGERSEN K.
HOLGERSEN K.
HOLGUIN F.
HOLLAND A.
HOLLAND A.
HOLLAND A.
HOLLIDAY M.
HOLLINS C.
HOLLOWAY J.
HOLLOWAY J.
HOLM A.
HOLM J.
HOLM M.
HOLMARK H.
HOLMARK MOELLER H.
HOLMARK MØLLER H.
HOLMES K.
HOLMES L.
HOLMGREN E.
HOLMSVE M.
HOLOUKA G.
HOLT K.
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HOLTDIRK A.
HOLTKAMP M.
HOLWEG C.
HOLWEG C.
HOLZGREVE A.
HOMØE P.
HOMOLKA P.
HON C.
HONDA A.
HONDA K.
HONE L.
HONG A.
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HONG Q.
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HONG W.
HONGXIN L.
HONKANEN A.
HONKOOP S.
HONORÉ I.
HONTSU S.
HONTSU S.
HOOFT C.
HOOGIE A.
HOOK J.
HOOLI S.
HOON M.
HOOPER A.
HOPES R.
HOPFF S.
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HOPKINS C.
HOPKINS S.
HOPKINSON N.
HOPKINSON N.
HOPKINSON N.
HOPLEY G.
HOPMAN W.
HOPMANS GALOFRÉ M.
HÖPNER J.
HORAN G.
HORGAN L.
HORGEN F.
HORIE J.
HORIGAN G.
HORIGUCHI T.
HORIMOTO K.
HORN A.
HORNBERG E.
HORNDAHL J.
HORNE R.
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HORNEBER M.
HORNG J.
HOROSHENKO O.
HOROWITZ J.
HORSFALL L.
HORSLEY A.
HORSLEY A.
HORST C.
HORTELANO S.
HORTLE E.
HORTON M.
HORVAT A.
HORVÁTH A.
HORVATH C.
HORVATH C.
HORVÁTH I.
HORVÁTH P.
HOSCH R.
HOSHI M.
HOSHINO T.
HOSHINO Y.
HOSKING N.
HOSKINS M.
HOSOGAYA N.
HOSOGI S.
HOSOKAWA K.
HOSSAIN A.
HOSTETTER L.
HOSTETTLER K.
HOSTETTLER K.
HOSTETTLER K.
HOSTETTLER K.
HOTE M.
HOTI D.
HOTON D.
HOU G.
HOU H.
HOU J.
HOU X.
HOU Y.
HOUBEN-WILKE S.
HOUCHEN-WOLLOFF L.
HOUDOIN V.
HOUDOUIN V.
HOUGHTON J.
HOUGHTON L.
HOUGUIN F.
HOUSE R.
HOUSSEM M.
HOUSTON A.
HOUTEN M.
HOUTKOOPER A.
HOVEL M.
HOWARD L.
HOWARD L.
HOWARD L.
HOWARTH P.
HOWELL A.
HOWELL I.
HOWELL T.
HOWIE K.
HOWIESON E.
HOWLETT P.
HOY R.
HOYER N.
HOYLE J.
HOYLES R.
HOYLES R.
HOYTE F.
HOYTE F.
HOZUMI H.
HRAPKOWICZ T.
HRICIKOVA I.
HRNČIARIK M.
HROMIS S.
HROMIS S.
HRUSCHKA G.
HRYTSIUK A.
HSANEN E.
HSIA T.
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HUBA Y.
HUBBARD R.
HUBER R.
HUBERT W.
HUBICK J.
HÜBNER R.
HUDA M.
HUDSON E.
HUDSON L.
HUDSON P.
HUEBNER R.
HUERTA A.
HUFNAGEL M.
HUFTON A.
HUG M.
HUGHES C.
HUGHES D.
HUGHES D.
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HUGHES G.
HUGHES P.
HUGHES R.
HUGHES R.
HUH J.
HUH S.
HUI C.
HUI D.
HUI I.
HUI J.
HUIBERS L.
HUIJTS S.
HULL J.
HULL J.
HULL R.
HULL R.
HULLO E.
HULME R.
HUMBERT M.
HUME E.
HUMPHREYS L.
HÜNERMANN C.
HUNG Z.
HUNGER M.
HUNT A.
HUNT D.
HUNT E.
HUNT N.
HUNTER G.
HUNTER M.
HUNTLEY C.
HUNTLEY C.
HUNTLEY C.
HUNTSMAN S.
HUNZELMANN N.
HUPIN D.
HUQ F.
HURAISH F.
HURDMAN J.
HURDMAN J.

HURET F.
HURLEY K.
HURLEY M.
HURST C.
HURST J.
HURST J.
HURST J.
HURTADO GAÑAN G.
HURTADO GAÑAN M.
HUSEBØ G.
HUSEBØ G.
HUSEYNOVA A.
HÜSING A.
HUSSAIN I.
HUSSAIN M.
HUSSAIN N.
HUSSAIN S.
HUSSAIN S.
HUSSAIN S.
HUSSAIN Z.
HUSSAINI A.
HUSSEY A.
HUST STORGAARD L.
HUSTA B.
HUSZTI E.
HUTS H.
HÜTTEN M.
HÜTTENBERGER D.
HUTTIN O.
HUTYRA M.
HUYBRECHT L.
HUZHVA Y.
HVIDTFELDT M.
HWANG D.
HWANG Y.
HWANG Y.
HWANG Y.
HWEE J.
HYAKUDO M.
HYAMS C.
HYLAND M.
HYLAND M.
HYLANDER J.
HYLDGAARD C.
HYLKEMA M.
HYLKEMA M.
HYLTON H.
HYNDS R.
HYON Y.
HYRŠL M.
HYSENI B.
HYUN S.
HYUNG K.

I

I PEINADO V.
IACHINI M.
IACOB D.
IACOBESCU R.
IACOPINI E.
IADEVAIA C.
IALENTI A.
IALONGO S.
IAMMATTEO M.
IANNACCONE A.
IANNIELLO A.
IANNOLO G.
IAREMENKO O.
IATOMASI M.
IAVARONE M.
IAVRUMOV E.
IBÁÑEZ FONSECA A.
IBÁÑEZ-FONSECA A.
IBERL G.
IBINGIRA T.
IBRAHIM A.
IBRAHIM A.
IBRAHIM B.
IBRAHIM H.
IBRAHIM M.
IBRAHIM T.
IBRAHIM W.
IBRAHIM MASTHAN M.
IBRAHIMOVA M.
IBSEN M.
IBSEN R.
ICC-PPI GROUP I.
ICHIHARA N.
ICHIJO K.
ICHIKI K.
İCTEN S.
IDA N.
IDD G.
IDE S.
IDES K.
İDIKUT A.
IDOATE DOMENECH C.
IDREES S.
IDRIS E.
IDRIS L.
IDRIS M.
IDROSE S.
IDZKO M.
IELO G.
IELO N.
IELOSLUDTSVA K.
IERODIAKONOU D.
IERSEL L.
İFRIM M.
IFZAAL M.
IGARASHI Y.
IGBELINA D.
IGLAY K.
IGLESIAS A.
IGLESIAS D.
IGLESIAS-GARCIA E.
IGNATIEVA V.
IGRAS-CYBULSKA M.
IGYÁRTÓ R.
IHAMAKI S.
IHEOZOR-EJIOFOR Z.
IHRKE K.
II T.
IIJIMA H.
IJSPEERD W.
IJSSELSTIJN H.
IKEDA H.
IKEDA M.
IKEDA N.
IKEO S.
IKEUCHI T.
IKEZOE K.
IKHLAQ F.
IKIN J.
IKRAM A.
IKRAM D.
IKRAM N.
IKROU H.
IKWUANUSI E.
ILGAC E.
İLHAN M.
İLHAN U.
ILIA I.
ILIC B.
ILIĆ M.
ILIOPOULOU M.
ILIS D.
ILIUK I.
ILLARRAMENDI J.
ILLES B.
ILMARINEN P.
ILTZSCHE F.
ILYÉS N.
IMAIZUMI K.
IMAKITA T.
IMAMAURA K.
IMBODEN M.
IMEN K.
IMERI G.
IMHOLZ D.
IMITAZIONE P.
IMLER T.
IMMER F.
IMPAGNATIELLO S.
IMPELLIZZERI P.
IMPENS F.
IN ‘T VEEN J.
IN 'T VEEN J.
INAKI S.
INAL-INCE D.
INAM M.
INAMI T.
INAMO J.
INAN V.
INAN SUER A.
INANC M.
İNCEKARA Y.
INCHINGOLO R.
INCISO G.
INDARTO D.
INDELLICATI D.
INDOLFI C.
INDREKVAM S.
INES H.
INFANTE M.
INFANTINO R.
ING A.
INGEMANSSON M.
INGI EMILSSON Ö.
INGRAM J.
INGRAM K.
INGRAO P.
INGRASSIA E.
INGRE C.
INGUANTA R.
INKAYA A.
INOGUCHI S.
INOUE D.
INOUE D.
INOUE S.
INOUE T.
INOUE Y.
INSALATA G.
INTIGLIETTA L.
INTILI G.
INTRAVAIA R.
INUKAI S.
IOAN I.
IOANNIDI A.
IOANNIDOU D.
IOANNOU E.
ION I.
IONESCU A.
IONESCU A.
IONESCU R.
IONITA D.
IORI A.
IORILLO I.
IOVENE B.
IOVINE A.
IOVINE P.
IQBAL A.
IQBAL B.
IQBAL M.
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IQBAL N.
IQBAL R.
IQBAL S.
IRANI C.
IREDAHL F.
IRELAND D.
IRFAN M.
IRFAN THALIB H.
IRIBERRI PASCUAL M.
IRLBECK M.
IRVIN C.
IRVIN C.
IRVIN C.
IRVING E.
ISA Y.
ISAAC B.
ISABELLA OERBEK K.
ISAEVA E.
ISAXON C.
ÍSCAR URRUTIA M.
ISCARO J.
ISH P.
ISHAK D.
ISHIDA A.
ISHIDA K.
ISHIDA M.
ISHIDA M.
ISHIGURO T.
ISHII H.
ISHII M.
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ISHIKAWA N.
ISHIKAWA T.
ISHIKITA N.
ISHIMINE T.
ISHIMITSU Y.
ISHIMOTO L.
ISHIMWE J.
ISHIWATA S.
ISHIZAKI T.
IŞIKCI B.
ISKAKOVA A.
ISKANDAR B.
ISKENDER I.
ISLAM S.
ISMAIL H.
ISMAIL I.
ISMAIL I.
ISMAIL M.
ISOMURA Y.
ISON M.
ISRAEL E.
ISRAEL T.
ISRAEL SAILES P.
ISRAËLS J.
ITALIA M.
ITO J.
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ITOGA M.
ITURBE-FERNÁNDEZ D.
ITZHAKI R.
IULIANO A.
IULIANO A.
IUS F.
IVAN F.
IVÁN SERRANO-CANO F.
IVANES A.
IVANES I.
IVANKOVSKA S.
IVANOV Y.
IVANOVA Z.
IVERSEN I.
IVKOVIĆ A.
IVKOVIC D.
IVKOVIĆ S.
IVULICH S.
IWANAGA N.
IWANOWSKI M.
IWASAWA T.
IWATA T.
IYER A.
IYER A.
IYER S.
IZBICKI G.
IZHAKIAN S.
IZQUIERDO J.
IZQUIERDO ALONSO J.
IZQUIERDO CUERVO S.
IZQUIERDO-CUERVO S.
IZUMI S.
IZUMIKAWA K.
IZZO F.
IZZO L.

J

J EVANS H.
J LANGELY R.
J WILLIAMS P.
J. A. JANSSEN D.
J. VAN DER MOST P.
JABBERI M.
JABEEN S.
JABEER M.
JABEUR C.
JACHIMOWICZ D.
JACINTO FERNANDES G.
JACKMAN R.
JACKSON A.
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JACOB C.
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JACOBI E.
JACOBS M.
JACOBSEN E.
JACOBSEN J.
JACOBSEN P.
JACOBSEN BERTELSEN R.
JACOBSON P.
JÁCOME C.
JÁCOME PUMAR M.
JÁCOME-PUMAR M.
JACQUELINE L.
JACQUES A.
JACQUES L.
JADHAV G.
JADHAV R.
JADIDI A.
JAFFAR J.
JAFFRE S.
JAGDHARI Y.
JÄGER G.
JAGGI T.
JAGGI V.
JAGIRDAR R.
JAGOMAST T.
JAGTAP V.
JAHANGIR M.
JAHN K.
JAHNZ-RÓŻYK K.
JAILLET M.
JAIMCHARIYATAM N.
JAIMES M.
JAIN A.
JAIN A.
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JAIN J.
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JAIN R.
JAIN S.
JAIN T.
JAIS X.
JAISWAL S.
JAJBHAY D.
JAJODIA N.
JAK P.
JAKIELA B.
JAKJOVSKA T.
JAKJOVSKA MARETTI T.
JAKOBS N.
JAKOBSSON J.
JAKOVSKA-MARETTI T.
JAKSZYN P.
JAKUBIKOVA L.
JAKWERTH C.
JAKYMELEN D.
JALAL L.
JALAN R.
JALINK P.
JALUSIC GLUNCIC T.
JAMA A.
JAMAATI H.
JAMAI A.
JAMAL A.
JAMALI S.
JAMBON-BARBARA C.
JAMEAL M.
JAMEL A.
JAMELEDDINE S.
JAMES A.
JAMES J.
JAMES K.
JAMES L.
JAMES M.
JAMES M.
JAMES N.
JAMES SOSA M.
JAMIESON K.
JAMME T.
JAMOUR M.
JAMOUSSI A.
JAMPOLSKA M.
JAN LUKAS R.
JANAHI I.
JANARTHANAN B.
JANAUDIS-FERREIRA T.
JANCIAUSKIENE S.
JANDL M.
JANDOVA I.
JANES S.
JANES S.
JANG G.
JANG H.
JANG J.
JANG S.
JANG S.
JANG S.
JANG Y.
JANGRA V.
JANKOVIC MAKEK M.
JANNER J.
JANNS L.
JANNU A.
JANSA P.
JANSEN C.
JANSEN S.
JANSEN S.
JANSON C.
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LAUTENSCHLÄGER M.
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LLOPIS M.
LLORCA CERDÀ C.
LLORENTE-GARCIA A.
LLORET PUIG B.
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LLOYD-EVANS P.
LLUCIÀ-VALLDEPERAS A.
LLUNCOR SALAZAR M.
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LO GIUDICE F.
LO MAURO A.
LO MUZIO G.
LO PILATO A.
LO TURCO V.
LOARCE MARTOS J.
LOBÃO SOARES B.
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LOCK-JOHANSSON S.
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LÓPEZ-MUÑIZ BALLESTEROS M.
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MADERA HERNÁNDEZ D.
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MADHUSUDHAN STISOVA V.
MADI W.
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MADISON M.
MADKHALI A.
MADON K.
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MADRID-MEJÍA W.
MADSEN A.
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MAEHARA V.
MAEKAWA S.
MÄENPÄÄ J.
MAES T.
MAESTRE M.
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MAFFERT P.
MAFHAM C.
MAGALETTI P.
MAGALHÃES A.
MAGALHÃES J.
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MAGALHÃES FERREIRA P.
MAGALHÃES LIMA A.
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MAGDELAINE C.
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MAGGIONI E.
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MAGIN C.
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MAGLIO A.
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MAGRET IGLESIAS M.
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MAIDSTONE R.
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MAIERHOFER C.
MAILHOT-LAROUCHE S.
MAILLEUX A.
MAILLO M.
MAIN E.
MAIO S.
MAIONE V.
MAIORANO A.
MAIQUES LLACER J.
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MAIR F.
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MAISON N.
MAITER A.
MAITLAND - VAN DER ZEE A.
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MAITLAND VAN DER-ZEE A.
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MAITRE B.
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MAJED A.
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MAJERSDORF M.
MAJEWSKA R.
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MAJID M.
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MAJORMOEN DAVIDSEN J.
MAJORSKI D.
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MAJUMDAR A.
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MAKHLOUFI M.
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MAKOIDA I.
MAKOL A.
MAKOWSKA J.
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MAKOWSKA RASMUSSEN L.
MAKRIS M.
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MALATRAS A.
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MALIPEDDI REDDY R.
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MANZANARES CAVIN G.
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MAR M.
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MARADIT KREMERS H.
MARAL KIR H.
MARAMBIRE E.
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MARANT-MICALLEF C.
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MARCHANT J.
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MARFIN M.
MARGALEJO FRANCO Á.
MARGALLO IRIBARNEGARAY J.
MARGARITOPOULOS G.
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MARQUES OAGLIARELLI ACENCIO M.
MARQUES PAGLIARELLI ACENCIO M.
MARQUES SIMÕES J.
MARQUES, ON BEHALF OF THE U-BIOPRED STUDY GROUP A.
MARQUES-VIDAL P.
MARQUETTE M.
MARQUEZ MARTÍN E.
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MARRADES P.
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MARTIN NGUYEN A.
MARTÍN NÚÑEZ J.
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MARTIN SCHMID J.
MARTIN SERRABLO A.
MARTIN-ALMEIDA M.
MARTÍN-ARRISCADO ARROBA C.
MARTIN-CARRILLO A.
MARTINCOVA R.
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MARTÍNEZ-GARCÍA M.
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MARTÍNEZ-PALLÍ G.
MARTÍNEZ-PÉREZ E.
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MARTINS COSTA
GOMES G.
MARTINS MELO M.
MARTINS PEREIRA S.
MARTINU V.
MARTÍN-VALERO R.
MARTKA M.
MARTORELL-CALATAYUD A.
MARTOS RUIZ D.
MARTUCCI P.
MARTYN O.
MARUCA G.
MARUCCI R.
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MARULANDA MELO R.
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MASTERSON C.
MASTRANGELO F.
MASTROMARINO M.
MASTROTOTARO A.
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MATEOS TOLEDO H.
MATERA L.
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MATESANZ RUIZ C.
MATESANZ RUIZ, CARMEN C.
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MATHIOUDAKIS A.
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MATIKAINEN M.
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MATOS P.
MATOS GOMES R.
MATOŠIĆ M.
MATRUNCHYK I.
MATSOUKI N.
MATSUBARA H.
MATSUBAYASHI S.
MATSUBAYASHI-HOSOKAWA S.
MATSUDA F.
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MICHELS-ZETSCHE J.
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MIDDLETON N.
MIDGLEY A.
MIDHUN M.
MIDTVEDT Ø.
MIDULLA F.
MIEDEMA J.
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MIGLIORE M.
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MIGUÉNS-SUÁREZ P.
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MIHARA T.
MIHASHI Y.
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MIHAYLOVA B.
MIHAYLOVA B.
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MIJAKOSKI D.
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MIKEŠ O.
MIKI K.
MIKI M.
MIKI T.
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MIKLÓS Z.
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MIKOŁAJCZYK K.

MIKOLKA P.
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MILGER-KNEIDINGER K.
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MIŁKOWSKA-DYMANOWSKA J.
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MILLAR B.
MILLER B.
MILLER H.
MILLER J.
MILLER S.
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MILLS G.
MILLS G.
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MILNE S.
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MIN J.
MIN K.
MIN Z.
MIN KON O.
MINA B.
MINAGAWA S.
MINAMOTO H.
MINARIKOVA J.
MINAROWSKI Ł.
MINATO Y.
MINCHAM K.
MINCHEVA R.
MINEGISHI K.
MINESHITA M.
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MINGORA C.
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MINOV J.
MINTER F.
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MIRIJAJ S.
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MITEVA D.
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MITROVIC A.
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MOHAMED SADOK B.
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MORGAN C.
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MÜLLER J.
MÜLLER J.
MÜLLER M.
MÜLLER M.
MULLER P.
MULLER Q.
MULLER S.
MÜLLER T.
MÜLLER V.
MÜLLER-DUROVIC B.
MÜLLER-DUROVICA B.
MÜLLER-LADNER U.
MULLEROVA H.
MULLERPATTAN J.
MULLIGAN E.
MULLIN M.
MULLOL J.
MULQUIN N.
MULRENNAN S.
MULRYAN H.
MULVAD SANDVIK R.
MULVANNY A.
MULVEY N.
MUMINOV D.
MÜMMLER C.
MÜMMLER C.
MUMTAZ A.
MUNAGALA S.
MUNARI A.
MUNARINI E.
MUNCUNILL J.
MUNDADA V.
MUNDALI NSHIMBI D.
MUNDELL A.
MUNEESA F.
MUNEESWARAN S.
MUNGAN V.
MUNGOVAN S.
MUNIR M.
MUNIZ H.
MUNIZ DE SOUZA H.
MUNJE R.
MUNJE R.
MUNKETWIT S.
MUNKHOLM L.
MUNKHOLM M.
MUNKHOLM MØLLER D.
MUNN J.
MUÑOZ B.
MUÑOZ S.
MUNOZ X.
MUÑÓZ CORROTO C.
MUÑOZ ESQUERRE M.
MUÑOZ GALL F.
MUÑOZ GALL X.
MUÑOZ GONZÁLEZ N.
MUÑOZ MONTULL L.
MUÑOZ RAMIREZ I.
MUÑOZ SANCHEZ B.
MUÑOZ-ESQUERRE M.
MUÑOZ-LUCAS M.
MUÑOZ-PICHARDO J.
MUNOZ-SANCHEZ B.
MUNRO R.
MUNS J.
MUNTEANU O.
MUNTHAM D.
MUNUSAMY S.
MUQAMES A.
MURA C.
MURA M.
MURABITO A.
MURAKAMI K.
MURALIDHAR V.
MURALITHARAN P.
MURASE K.
MURASE Y.
MURATA K.
MURATA Y.
MURAUER G.
MURCIA LILLO F.
MURÉ E.

MURENU E.
MURGIA X.
MURGO A.
MURGOLO F.
MURGUZOVA N.
MURIEL A.
MURILLO L.
MURIS J.
MURNANE D.
MURO S.
MURO S.
MURPHY A.
MURPHY A.
MURPHY A.
MURPHY A.
MURPHY C.
MURPHY D.
MURPHY D.
MURPHY G.
MURPHY L.
MURPHY L.
MURPHY M.
MURPHY M.
MURPHY P.
MURPHY P.
MURPHY S.
MURPHY V.
MURPHY* * JOINT SENIOR AUTHORS A.
MURRAY B.
MURRAY C.
MURRAY C.
MURRAY C.
MURRAY E.
MURRAY K.
MURRAY K.
MURRAY M.
MURRAY R.
MURRAY S.
MURRAY S.
MURRIN O.
MURRIS M.
MURRIS ESPIN M.
MURSIC D.
MURTAGH E.
MURTHY S.
MURUGANANDAN S.
MUSA A.
MUSA OBADIA P.
MUSANTE V.
MUSCATELLO A.
MUSCATO G.
MUSCOGIURI E.
MUSE H.
MUSELLA S.
MUSETESCU D.
MUSIAŁ A.
MUSSA Z.
MUSSAFFI H.
MUSTAFA A.
MUSTAFA F.
MUSTAFA G.
MUSTAPA M.
MUSTAPA M.
MUSTAQE K.
MUSTFA N.
MUSTO V.
MUTHAS D.
MUTHREJA D.
MUTHU V.
MUTHUSAMI R.
MUTLU B.
MUTLUAY F.
MUTTOO S.
MUZSLAY E.
MWANDIGHA L.
MWANGA E.
MWASUKU C.
MYALL K.
MYALL K.
MYALL K.
MYAT Y.
MYCROFT-RZESZOTARSKA K.
MYER L.
MYERS A.
MYERS J.
MYERS S.
MYLLYMAA S.
MYONG J.
MYRBERG T.
MYRONENKO O.
MYRZALIEV B.
MYSZKIEWICZ M.
MYZITHRAS M.
MORENO-GALDÓ A.
N
N P.
N AJEIAN J.
N BEHALF OF THE COPD-MAP CONSORTIUM O.
N. HYLKEMA M.
NA R.
NA Y.
NAAMANY E.
NAANAA N.
NAAROURA A.
NAAROURA A.
NACHUM E.
NACORDA A.
NADAL E.
NADAL-ALFORJA E.
NADARAJAN P.
NADEEM C.
NADEEM I.
NADEEM S.
NADER A.
NADIA F.
NADIA MOREIRA-SILVA N.
NADIF R.
NADIF* R.
NADUVILEKOOT A.
NAEEM M.
NAEGELE K.
NAEHRIG S.
NAEHRLICH L.
NAFARRATE I.
NAFEES A.
NAFEES S.
NAFTEL J.
NAGAKAWA M.
NAGAKUMAR P.
NAGAMATSU H.
NAGAMINE H.
NAGAMOTO T.
NAGANO M.
NAGAO M.
NAGAR G.
NAGARKAR P.
NAGASE H.
NAGASHIMA O.
NAGATA J.
NAGATA K.
NAGATA R.
NAGATA Y.
NAGATANI Y.
NAGEL M.
NAGELKERKE A.
NAGEM D.
NAGER A.
NAGJI Z.
NAGORE E.
NAGRAJAN S.
NAGY A.
NAGY C.
NAGY T.
NAHA G.
NAHAR K.
NAIDOO R.
NAIDU B.
NAIDU S.
NAIK A.
NAIK V.
NAIM A.
NAIR A.
NAIR A.
NAIR H.
NAIR J.
NAIR K.
NAIR N.
NAIR P.
NAIR S.
NAIR S.
NAITO A.
NAITO N.
NAJAFI M.
NAJARRO DE LA PARRA M.
NAJIB M.
NAJJAR A.
NAJJINGO I.
NAJM A.
NAKAGAWA H.
NAKAGAWA Y.
NAKAI T.
NAKAISHI A.
NAKAJIMA D.
NAKAMOTO K.
NAKAMOTO Y.
NAKAMURA M.
NAKAMURA M.
NAKAMURA Y.
NAKAMURA Y.
NAKANISHI S.
NAKANO Y.
NAKAS A.
NAKATSUKA Y.
NAKAZATO L.
NAKHLI R.
NAKIELA P.
NAKKA S.
NAKSHBANDI G.
NALDEMIR I.
NALIBAEVA R.
NALTET C.
NAM J.
NAMBIRAJAN A.
NANAMI H.
NANCE B.
NANDA U.
NANDA V.
NANDI I.
NANISHI M.
NANKYA I.
NANTANDA R.
NANZER A.
NANZER A.
NANZER A.
NANZERKELLY A.
NAOUM I.
NAPOLITANO G.
NAPOLITANO G.
NAQIBULLAH M.
NAQVI M.
NARAIN A.
NARAN R.
NARANG I.
NARANG P.
NARANJE P.
NARANJO A.
NARAYAN O.
NARAYANA J.
NARAYANA RAO S.
NARAYANAN N.
NARAYANAN S.
NARDELLA F.
NARDELLI P.
NARDI A.
NARDO A.
NARDO A.
NARENDRA KUMAR N.
NAROŻNA B.
NART L.
NARUKE M.
NARWADE G.
NARWADE S.
NASCIMENTO R.
NASCIMENTO R.
NASCIMENTO CAMARGO L.
NASCIMENTO DA SILVA C.
NASCIMENTO SILVA C.
NASEER M.
NASER F.
NASH C.
NASH M.
NASH S.
NASHAT H.
NASI D.
NASIM M.
NASKA A.
NASR A.
NASR S.
NASR S.
NASRALLAH E.
NASSIRI KIGLOO H.
NASSOY P.
NASTAŁEK P.
NASTASIJEVIĆ BOROVAC D.
NATAL R.
NATALE M.
NATALELLO G.
NATALI F.
NATALI G.
NATARAJAN B.
NATH A.
NATHAN K.
NATHAN N.
NATHAN S.
NATHAN S.
NATIONAL COHORT STUDY OF PULMONARY HYPERTENSION ..
NÅTMAN J.
NATOLI L.
NATOLI T.
NAU V.
NAUD V.
NAUJOX J.
NAUMAN E.
NAUMAN H.
NAVA G.
NAVA S.
NAVAL E.
NAVALE N.
NAVANI N.
NAVA-RAMÍREZ C.
NAVARATNAM V.
NAVARETTE B.
NAVARRETE-RODRÍGUEZ E.
NAVARRO A.
NAVARRO D.
NAVARRO M.
NAVARRO MORON J.
NAVARRO PONS A.
NAVARRO-MARTÍN A.
NAVARRO-RIPOLL R.
NAVAS ACIEN A.
NAVAS OTERO A.
NAVASAKULPONG A.
NAVAS-OTERO A.
NAVEED A.
NAVEED S.
NAVODA I.
NAWALE N.
NAWIJN M.
NAWIJN M.
NAWOOR A.
NAYAK A.
NAYAK A.
NAYAK P.
NAYCI S.
NAYIR BUYUKSAHIN H.
NAZ A.
NAZ F.
NAZ I.
NAZ I.
NAZARETH D.
NAZEMI N.
NAZIFOVA F.
NAZIHA H.
NAZIK BAHCECIOGLU S.
NAZIM U.
NAZOIRI C.
NCIRI M.
NDAGIRE P.
NEAL M.
NEALE J.
NEALE K.
NEBELING HEDEGAARD J.
NECANDER S.
NEDELCU A.
NEDELCU V.
NEDER J.
NEDER J.
NEDER J.
NEDER-SERAFINI I.
NEEDHAM B.
NEELAM-NAGANATHAN D.
NEELY M.
NEEP B.
NEERINCX A.
NEERINCX A.
NEETZ B.
NEFF U.
NEGBENEBOR A.
NEGMELDIN A. YASSIN M.
NEGRI D.
NEGRINI PUCHALES K.
NEIL D.
NEISEN J.

NEIVA MACHADO J.
NEJI H.
NEJJARI R.
NELL C.
NELL C.
NELO E.
NELSON L.
NEMANIC T.
NEMERY B.
NEMET I.
NÉMETH L.
NEMOTO A.
NEMSI E.
NENNA R.
NENNSTIEL J.
NENSA F.
NEOPANE A.
NEOPHYTOU M.
NERI T.
NERVOSO A.
NERY J.
NESCOLARDE L.
NESTOROV H.
NETHERCOTT S.
NETO LOURENÇO J.
NETTESHEIM A.
NETTLETON K.
NETZER N.
NEUBAUER M.
NEUBERT L.
NEUEN S.
NEUENSCHWANDER S.
NEUKIRCH C.
NEUKIRCHEN M.
NEUMANN K.
NEUMANN T.
NEUMEISTER W.
NEUPANE S.
NEUPARTH N.
NEUROHR C.
NEVEN A.
NEVES D.
NEVES D.
NEVES I.
NEVES T.
NEVIANI M.
NEVILLE D.
NEVO Y.
NEVORANEK L.
NEW J.
NEWBY C.
NEWING A.
NEWMAN B.
NEWMAN J.
NEWMAN K.
NEWMAN T.
NEWNHAM M.
NEWSOME S.
NEWTON M.
NEYRINCK A.
NEZALZOVA P.
NEZIRI B.
NG C.
NG G.
NG H.
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NG W.
NG MAN KWONG G.
NGADAYA E.
NGAH V.
NGAI C.
NGAI J.
NGO O.
NGO V.
NGUYEN B.
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NGUYEN T.
NGUYEN T.
NGUYEN T.
NGUYEN V.
NGUYEN X.
NGUYEN HO L.
NGUYEN-HO L.
NHAMUAVE C.
NI M.
NI N.
NI Y.
NI Y.
NI CLEIRIGH M.
NI HAU F.
NIAZI M.
NIAZI-ALI S.
NICAISE P.
NICDHONNCHA E.
NICHOL A.
NICHOLSON A.
NICHOLSON T.
NICHOLSON T.
NICKEL K.
NICOL M.
NICOLAI L.
NICOLAS-SÁNCHEZ F.
NIEDENTHAL J.
NIEDERMAYR K.
NIEDOSZYTKO M.
NIELSEN A.
NIELSEN A.
NIELSEN C.
NIELSEN J.
NIELSEN K.
NIELSEN K.
NIELSEN K.
NIELSEN K.
NIELSEN L.
NIELSEN R.
NIELSEN S.
NIELSEN HOLCK E.
NIERS L.
NIES C.
NIESPODZIANA K.
NIESSEN H.
NIESTEN I.
NIETO- BARBERO M.
NIETO FONTARIGO J.
NIETO-FONTARIGO J.
NIEUWENHUIJSEN M.
NIEUWENHUIS J.
NIEVES A.
NIEVES SALCEDA J.
NIEVES SALCEDA J.
NIGHTINGALE R.
NIGRO M.
NIGRO MAZON F.
NIGULEANU A.
NIHTYANOVA S.
NII T.
NIIMI A.
NIJJAR M.
NIJMAN S.
NIJMEIJER B.
NIK ISHAK N.
NIKIEMA R.
NIKOLA F.
NIKOLETOU D.
NIKOLLA J.
NIKOLOV I.
NIKONOVA A.
NIKSARLIOGLU E.
NIKSARLIOGLU Y.
NILIUS G.
NILSEN K.
NILSEN K.
NILSEN M.
NILSSON A.
NILSSON J.
NILSSON J.
NILSSON U.
NIMMO C.
NINABER D.
NING R.
NING X.
NING Z.
NIRANJANE V.
NISANSALA N.
NISAR A.
NISCHAN N.
NISHI Y.
NISHII Y.
NISHIJIMA R.
NISHIKAWA Y.
NISHIKIORI H.
NISHIMOTO Y.
NISHIMURA M.
NISHIMURA N.
NISHIMURA T.
NISHIMURA Y.
NISHINE H.
NISHIOKA S.
NISHIOKA Y.
NISHIYAMA H.
NISHIYAMA K.
NISHIYAMA O.
NISIDA K.
NISLOW C.
NISRINA A.
NISSEN G.
NISSI L.
NISSIM A.
NITESCU D.
NITHISATIENCHAI C.
NITSCHE C.
NIU H.
NIU L.
NIWA T.
NIWAMOTO T.
NIXON L.
NIXON R.
NIXON R.
NIYOGI D.
NIZA G.
NJØTEN K.
NOBILE D.
NOBLE D.
NOBLE P.
NOBLE S.
NOBRE T.
NOBRE PEREIRA M.
NÓBREGA JÚNIOR C.
NÓBREGA JÚNIOR J.
NÓBREGA-JUNIOR J.
NOCENT C.
NOEH C.
NOEL SAVINA E.
NOGALES MORENO P.
NOGUEIRA C.
NOGUEIRA P.
NOGUEIRA COSTA P.
NOGUERIA COSTA P.
NOIBI S.
NOIJ L.
NOIJ L.
NOIJ L.
NOIRCLERC M.
NOKIHARA H.
NOKIN C.
NOKRON S.
NOLAN A.
NOLAN C.
NOLAN C.
NOLAN G.
NOLASCO S.
NOLIN M.
NOMURA M.
NOMURA N.
NOMURA N.
NONENT M.
NONGKOUNI G.
NONGPIUR V.
NONGPIUR V.
NONIASHVILI M.
NONYANE B.
NOONAN K.
NOOR M.
NOORDHOF A.
NOORDUYN S.
NOORDUYN S.
NOORI A.
NORDBY K.
NORDENMARK L.
NORDESTGAARD B.
NORDESTGAARD B.
NORDESTGAARD B.
NORDLUND B.
NORDØY S.
NORE B.
NORIDA N.
NORIEGA L.
NORLÉN A.
NORLIN N.
NORMAN-BRUCE H.
NORQUAY G.
NORTH E.
NORWELL J.
NOSOTTI M.
NOSSENT E.
NOSSENT E.
NOSSENT E.
NOSSENT E.
NÖSTLINGER A.
NOTH I.
NOTTINGHAM RESPIRATORY SERVICE ..
NOUAILLES G.
NOURAEI R.
NOVACK J.
NOVAIS L.
NOVAIS BASTOS H.
NOVAIS E BASTOS H.
NOVAK P.
NOVALI M.
NOVATI S.
NOVELLI L.
NOVELLO S.
NOVIC D.
NOVIELLI R.
NOVIELLO C.
NOVO A.
NÓVOA C.
NOVOA R.
NOVOSAD O.
NOVOTNY P.
NOVOTNÝ V.
NOVSARKA I.
NOVY C.
NOWAK B.
NOWAK D.
NOWINSKI A.
NOWOJEWSKI A.
NTASKAGIANNIS D.
NTENTI C.
NTITA M.
NTOTSIS K.
NTOUMOU V.
NUCHOVICH N.
NUEVO J.
NUKIWA T.
NUMATA T.
NUNES D.
NUNES H.
NUNES DE O COSTA G.
NÚÑEZ M.
NUNEZ N.
NUÑEZ DUBON A.
NUÑEZ OLLERO M.
NUNOKAWA H.
NUNOMURA Y.
NURKKALA E.
NURMI H.
NURMI L.
NÜRNBERGER C.
NURSE T.
NÜSKEN E.
NÜSKEN K.
NÜSSING C.
NUTTALL A.
NUTTALL J.
NUTTALL M.
NWANKWO L.
NWARU B.
NWARU B.
NWARU B.
NWOKORO C.
NWOZOR K.
NYAIGOTI C.
NYANGONG J.
NYANTI L.
NYATHI M.
NYBERG A.
NYBERG F.
NYGA K.
NYGREN I.
NYGREN-BONNIER M.
NYIRENDA M.
NYIRO J.
NYS J.
NYSTEDT T.
NZE OSSIMA A.
NZOKA S.

O
O' DONNELL S.
O JENKINS T.
O. SIMONS S.
O.E. DE CROM T.
O´KANE C.
O'BYRNE P.
O'BYRNE P.
O'CALLAGHAN C.
O'CALLAGHAN M.
O'CARROLL O.
O'CONNOR U.
O'DONNEL D.
O'DONNELL A.
O'DOWD E.
O'TOOLE D.
OAKDEN V.
OAKES A.
OANCEA C.
OBEID D.
OBEK E.
OBER C.
OBERG L.
OBERHUBER-KURTH J.
OBERMAN B.
OBERMAYER A.
OBERMAYER-PIETSCH B.
OBMINSKI C.
OBRADOVIC D.
OBRADOVIC M.
OBRIEN H.
O'BRIEN E.
O'BRIEN E.
O'BRIEN H.
O'BYRNE P.
OCAK E.
OCAK S.
OCAL B.
OCAL N.
O'CALLAGHAN C.
O'CALLAGHAN J.
O'CALLAGHAN M.
OCAÑA A.
OCAÑA PADILLA A.
O'CARROLL O.
OCCHIPINTI M.
OCHAB-KRUPNIK D.
OCHMAN M.
OCHOA-GARCÍA I.
OCHS M.
O'CONNOR C.
O'CONNOR J.
O'CONNOR J.
O'CONNOR M.
O'CONNOR S.
O'CONNOR T.
OCZKOWSKI S.
ODABAŞ A.
ODD D.
ODDONE E.
ODENDAAL M.
ODEYEMI Y.
ODILLE F.
ODIN B.
ODINK A.
ODINK J.
ODLER B.
ÖDLING M.
ODOBASIC PALKOVIC T.
O'DONNELL D.
O'DONNELL D.
O'DONNELL D.
O'DONNELL K.
O'DONNELL M.
O'DONOGHUE K.
ODOU M.
O'DOWD A.
ODQVIST L.
ODUOR P.
O'DWYER D.
OEDIT DOEBE A.
OELSNER E.
OERMAN B.
OEZTUERK-WINDER F.
OFENHEIMER A.
OFFEN D.
OFIARA L.
O'FLAHERTY N.
OGAN N.
OGAWA E.
OGAWA H.
OGBOLOSINGHA A.
OGDEN M.
OGGIONNI T.
OGIHARA Y.
OGINO H.
OGLESBY I.
OGLIC D.
OGUN H.
OGURA T.
OGURI S.
OGURI T.
OGUT N.
ÖĞÜTÇÜ A.
OĞUZ B.
OĞUZ E.
OGUZ M.
OĞUZ ERDEM G.
OH H.
OH J.
OH J.
OH J.
OH J.
OH M.
OH S.
O'HAGAN S.
OHARA D.
O'HARA J.
O'HARE L.
O'HICKEY S.
OHKUBO H.
OHKURA N.
OHLSSON C.
OHLSSON L.
ÖHRNEMAN H.
OHSHIMA S.
OHSUMI A.
OHTA H.
OHTA K.
OHTSUKA T.
OI I.
OIKAWA S.
OJALA P.
OJANGUREN I.
OJANGUREN ARRANZ Í.
OJANPERÄ L.
OJE I.
OJEDA CASTILLEJO E.
OJEDA SUÁREZ C.
OJHA P.
OJHA S.
OKAGAKI N.
OKAMOTO K.
OKAMOTO T.
O'KANE C.
OKAYAMA Y.
OKDEM Z.
OKECHUKWU C.
OKEN E.
OKHUIJSEN-KOS R.
OKI T.
OKOSHI M.
OKSAY S.
OKSHOLM T.
OKSUZLER KIZILBAY G.
ÖKTEM S.
OKUDA R.
OKUMA T.
OKUMURA S.
OKUMUŞ G.
OKUMUS Ö.
OLAGUIBEL J.
OLAIYA A.
OLAJIDE D.
OLANIPEKUN T.
OLAPOJU S.
OLBRICH H.
OLCAY S.
OLDANI S.
OLDENWENING M.
OLDHAM J.
OLDHAM J.
O'LEARY L.
OLGUN E.
OLGUN YILDIZELI S.
OLIJVE J.
OLIN A.
OLIN T.
OLIVA C.
OLIVARES RIVERA A.
OLIVARES- RIVERA A.
OLIVARES-RIVIERA A.
OLIVEIRA A.
OLIVEIRA A.
OLIVEIRA A.
OLIVEIRA A.
OLIVEIRA C.
OLIVEIRA J.
OLIVEIRA L.
OLIVEIRA L.
OLIVEIRA M.
OLIVEIRA M.
OLIVEIRA M.
OLIVEIRA P.
OLIVEIRA T.
OLIVEIRA V.
OLIVEIRA Y.
OLIVEIRA Y.
OLIVEIRA BAPTISTA DA SILVA F.
OLIVEIRA FERNANDES M.
OLIVEIRA JÁCOME C.
OLIVEIRA SCHIMDT N.
OLIVEIRA-FILHO R.
OLIVEIRA-SOUSA S.
OLIVER B.
OLIVER B.
OLIVER N.
OLIVER P.
OLIVERI R.
OLIVIER C.
OLLOSSON S.
OLMATI F.
OLMEDO RIVAS C.
OLMEZ C.
OLOVARRÍA A.
OLSCHEWSKI A.
OLSCHEWSKI H.
OLSEN L.
OLSEN M.
OLSEN O.
OLSON A.
OLSON L.
OLSSON H.
OLSSON K.
OLSSON M.
OLUGBADE C.
OLVERA N.
OLYMPIOU N.
O'MAHONY M.
OMALLEY D.
O'MALLEY D.
OMAR A.
OMAR M.
OMAR AL-LEHEBI R.
OMARA H.
OMARI S.
OMBREDANE H.
OMCIKUS M.
OMERSA D.
OMORI S.
OMRAN H.
OMRANE A.
OMULO H.
OMURA T.
OMURALIEVA A.
ON BEHALF OF CICERO CONSORTIUM ..
ON BEHALF OF PHOSP-R STUDY COLLABORATIVE GROUP N.
ON BEHALF OF THE ARESVI-006 STUDY GROUP -.
ON BEHALF OF THE BEXAS S.
ON BEHALF OF THE ESADA COLLABORATION NETWORK ..
ON BEHALF OF THE FORMAT TEAM -.
ÖNAL A.
ÖNAL ARAL A.
ONANGA M.
ONAY Z.
ONAY Z.
ÖNCÜ H.
ÖNDER S.
O'NEILL B.
O'NEILL R.
O'NEILL S.
ONG J.
ONG J.
ONG K.
ONG M.
ONIONS L.
ONO Y.
ONOFREI C.
ONOFREI R.
ONUR M.
ONYILMAZ T.
OOMEN M.
OOMS A.
OOSTDIJK E.
OOSTERWEGEL M.
OOSTROM K.
OPALA K.
OPARA D.
OPAVSKI N.
OPBROEK J.
OPENSHAW P.
OPHELDERS D.
OPHORST M.
OPIMAKH S.
OPITZ I.
OPITZ M.
OPPELAAR M.
OPPELT T.
OPPENLÄNDER M.
ORAL B.
ORAL TAPAN Ö.
ORASCHE K.
ORAZI L.
ORAZI M.
Ø
ØRBEK K.
O
ORCIANI M.
ORDING A.
ORDOÑA M.
ORDÓÑEZ GÓMEZ P.
ORDÓÑEZ LOZANO P.
OREA TEJEDA A.
O'REILLY K.
OREJUELA D.
ORELLANA J.
OREN A.
OREN M.
ORENGO J.
ORENGO J.
ORESTA B.
ORHAN D.
ORHAN D.
ORHANLI Y.
ORHO-MELANDER M.
ORI A.
ORI M.
ORII R.
ORIMO M.
O'RIORDAN P.
ORLANDI R.
ORLANDO A.
ORLOWSKI T.
ORMAETXEA SAENZ DE BURUAGA I.
ORMANDO G.
ORME B.
ORME M.
ORME M.
ORMESHER R.
ORMSBY R.
ORÓ D.
OROS M.
O'ROURKE N.
OROZCO MEJÍA L.
OROZCO ZAPATA J.
OROZCO-LEVI M.
ORPHALUNG NETWORK ..
ORR J.
ORR URTREGER N.
ORRIOLS MARTINEZ R.
ORRU H.
ORSI L.
ORSINI M.
ORTAÇ ERSOY E.
ORTAK C.
ORTEGA A.
ORTEGA F.
ORTEGA H.
ORTEGA M.
ORTEGA P.
ORTEGA V.

ORTEGA GONZÁLEZ A.
ORTEGA RUIZ L.
ORTIZ D.
ORTIZ N.
ORTIZ R.
ORTIZ MOLINA I.
ORTIZ RUBIO A.
ORTIZ ZAPATER E.
ORTIZ-FARIAS D.
ORTIZ-RUBIO A.
ORTIZ-SANTAMARIA V.
ORTIZ-ZAPATER E.
ORTMANN J.
ORTON C.
ORTON C.
ORTON C.
ORTON C.
ORUKLU N.
ORUQAJ G.
OSADA R.
OSADCHY A.
OSADNIK C.
OSADNIK C.
OSAWA H.
OSBORNE K.
OSCANOA P.
O'SHEA D.
OSHIMA Y.
OSINSKA M.
OSINSKI A.
OSIPOV T.
ÓSKARSDÓTTIR G.
OSMAN L.
OSMAN M.
OSMAN N.
OSORIO Á.
OSORIO J.
OSORIO TRUJILLO J.
ÖST K.
Ø
ØSTERGAARD C.
ØSTERGAARD G.
ØSTERGAARD L.
ØSTERGÅRD N.
O
OSTERHOUT R.
OSTERMANN L.
ÖSTGREN C.
OSTRIDGE K.
OSTRIDGE K.
OSTROVSKYY M.
OSTROWSKI S.
OSUGI A.
OSUNA-GÓMEZ R.
OTA K.
OTA S.
OTANI K.
OTAOLA M.
OTERO J.
OTERO R.
OTERO CANDELERA R.
OTERO CHAMOSO P.
OTHAYAMOORTHY T.
OTHMER T.
OTIENO G.
O'TOOLE D.
OTOSHI R.
OTSUKA H.
OTSUKA J.
OTSUKA K.
OTT S.
OTTAVIANI S.
OTTE F.
OTTENSMEIER C.
OTTER E.
OTTEWILL C.
OTTO YÁÑEZ M.
OTTOSSON T.
OTTO-YAÑEZ M.
OUAHCHI Y.
OUARDI A.
OUDE VOSHAAR M.
OUDIN A.
OUDIN C.
OUERGHEMMI A.
OUERGHI S.
OUERTANI H.
OUFELLA A.
OULAHBIB A.
OUMERT D.
OURADA M.
OUSOVA O.
OUWELTJES O.
OVAA C.
OVCHARENKO F.
OVERBEEK M.
OVERBEEK M.
OVEREEM S.
OVERGAAUW M.
OVERGAAUW M.
OVERTON K.
OWAN I.
OWEN A.
OWEN C.
OWEN C.
OWUSU ACHIAW S.
OWUSU-AFRIYIE J.
OXBOROUGH D.
OYAMA S.
OZ A.
ÖZ M.
ÖZ KAHYA M.
OZAKI M.
ÖZALEVLI S.
OZALTIN B.
ÖZASLAN M.
OZAWA Y.
ÖZBAKI F.
OZCAGLAR A.
ÖZCAN G.
OZCAN U.
OZCAN Z.
ÖZÇELIK A.
ÖZÇELIK A.
ÖZÇELIK N.
ÖZÇELIK U.
ÖZÇIBIK IŞIK G.
OZDAS GUNDOGAN A.
ÖZDEDE M.
ÖZDEMIR A.
ÖZDEMIR C.
OZDEMIR F.
ÖZDEMIR I.
OZDEMIR L.
ÖZDEMIR L.
OZDEMIR T.
ÖZDEMIRCIOĞLU F.
OZDEN H.
ÖZDEN SERTÇELIK Ü.
OZDUYGU G.
ÖZEN F.
OZEN G.
OZER G.
ÖZER S.
ÖZER BILKAY S.
ÖZGE C.
ÖZGEN H.
ÖZGEN ALPAYDIN A.
ÖZGÜL M.
OZGULER A.
ÖZGÜN NIKSARLIOĞLU E.
ÖZGÜNAY B.
ÖZGÜR A.
ÖZGÜR E.
OZIER A.
ÖZİNCE M.
OZKAN E.
ÖZKAN TABAKÇI S.
ÖZKAYA K.
ÖZKUTLU Ö.
OZLU T.
OZMEN I.
OZOE R.
ÖZÖN Z.
ÖZSANCAK UĞURLU A.
ÖZSEZEN B.
ÖZSOY Ö.
ÖZTOMURCUK D.
ÖZTOSUN B.
OZTURK B.
OZTURK B.
OZTURK E.
ÖZTÜRK E.
ÖZTÜRK G.
OZTURK M.
OZTURK M.
ÖZTÜRK Ö.
OZTURK Ş.
OZTURK Ş.
ÖZTÜRK Z.
OZTURK SAHIN B.
ÖZTUTGAN T.
ÖZUYGUR ERMIS S.
OZUYGUR ERMIS S.
OZYAVUZ S.
OZYILMAZ E.
ÖZYILMAZ S.
ÖZYÜREK B.
OZYURT S.
P
P VIEIRA R.
P. ALMEIDA M.
P. BRIDI G.
P.P. A.
PAAG SVANE S.
PABARY R.
PABÓN-QUEZADA A.
PAC A.
PACCHETTI L.
PACE C.
PACE E.
PACE N.
PACE BARDON M.
PACHECO S.
PACHECO BAZALDÚA E.
PACHECO CARRILLO I.
PACHECO DA SILVA E.
PACHINBURAVAN M.
PACINI A.
PACIOCCO G.
PACIUCCI G.
PACKHAM S.
PACZIA N.
PACZKOWSKI R.
PADANG R.
PADAWER D.
PADHY B.
PADILHA M.
PADILLA GALO A.
PADLEY S.
PADMASEKAR M.
PADRA M.
PADRIN Y.
PADRO C.
PADRONES-SÁNCHEZ S.
PAEK D.
PAES M.
PAGANI J.
PAGANO A.
PAGANO A.
PAGANO G.
PAGE C.
PAGEL K.
PAGGI I.
PAGLIARO R.
PAGNI M.
PAGNINI M.
PAHL M.
PÅHLMAN L.
PÅHLMAN L.
PAHRMANN T.
PAHUJA S.
PAHWA P.
PAI T.
PAIRO-CASTINEIRA E.
PAIS J.
PAIS M.
PAIS-CUNHA I.
PAITA L.
PAIVA A.
PAIVA REINERO R.
PAIXÃO C.
PAJARES V.
PAJORO A.
PAK O.
PAKHARE A.
PAKPAHAN E.
PAL S.
PAL V.
PALACIONYTE J.
PALACIONYTE J.
PALACIOS D.
PALADE J.
PALADINA M.
PALANGE P.
PALAVRA M.
PAŁCZYŃSKI C.
PALECZNY H.
PALERMO T.
PALESTRA F.
PALETHORPE M.
PALII I.
PALKONEN S.
PALLADINO M.
PALLERO M.
PALLESCHI A.
PALM A.
PALMA L.
PALMEN B.
PALMER C.
PALMER E.
PALMER M.
PALMER R.
PALMER S.
PALMERO-SÁNCHEZ R.
PALMIERI F.
PALMIERI G.
PALMIOTTI A.
PALMUCCI S.
PALOMARES I.
PALOMINO-TORO L.
PALOT A.
PALSSON T.
PALTA P.
PALUCH J.
PALUDAN S.
PALUMBO A.
PALUMBO G.
PALUMBO S.
PALWAYI S.
PAMADI N.
PAMADI N.
PAMAR P.
PAMPLONA P.
PAN C.
PAN C.
PAN L.
PAN P.
PAN S.
PAN S.
PAN X.
PAN Y.
PANA A.
PANAGIOTOPOULOU E.
PANAGIOTOU A.
PANAGIOTOU E.
PANAGOPOULOS F.
PANAYIOTOU A.
PANCANI R.
PANCERA S.
PANCHAL K.
PANDA N.
PANDEY A.
PANDEY A.
PANDEY K.
PANDO FEIJOO A.
PANDOLFINO D.
PANDOLFO A.
PANDYA P.
PANE M.
PANEK M.
PANERONI M.
PANETTIERI JR R.
PANG J.
PANG Y.
PANICHAPORN S.
PANICO F.
PANICZEK S.
PANJAN AVRAMOVIČ J.
PANKAJ A.
PANNING M.
PANT S.
PANTALEON GARCIA J.
PANTAZOPOULOS I.
PANTELI L.
PANTELI S.
PANTIN C.
PANTIN T.
PANWAR M.
PANZA L.
PANZARASA P.
PANZUTI G.
PAO C.
PAOLETTI G.
PAOLETTI M.
PAOLI S.
PAONE G.
PAPADOPOULOS D.

PAPADOPOULOS N.
PAPADOPOULOS S.
PAPADOPOULOU E.
PAPAGEORGAKOPOULOU S.
PAPAGEORGIOU E.
PAPAGIANIS P.
PAPAIAKOVOU G.
PAPAIOANNOU A.
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PAPAIOANNOU O.
PAPAKONSTANTINOU E.
PAPAKONSTANTINOZ E.
PAPAKOSTA D.
PAPALEXATOS D.
PAPALEXATOS D.
PAPAMATHEAKIS D.
PAPANASTASIOU P.
PAPANDREOU M.
PAPANIKOLAOU I.
PAPAPORFYRIOU A.
PAPAPOSTOLOU E.
PAPAPOSTOLOU G.
PAPAPOSTOLOU N.
PAPAREDDY P.
PAPASARANTOU A.
PAPASOTIROPOULOS T.
PAPASTERGIOU E.
PAPAZOGLOU E.
PAPE T.
PAPI A.
PAPIEŻ K.
PAPIN A.
PAPIRIS S.
PAPIRIS S.
PAPIRIS S.
PAPOCHIEVA V.
PAPON J.
PAPP R.
PAPPE E.
PAPUCCI T.
PAPY GARCIA D.
PAQUET J.
PARAB S.
PARACHINI L.
PARADA G.
PARADA M.
PARALIJA B.
PARAMASIVAN C.
PARAMEZ A.
PARANIČOVÁ I.
PARANJPE R.
PARASKEVA M.
PARATI G.
PARAZZINI E.
PARAZZINI E.
PARBHOO S.
PARDAL C.
PARDÀS PERAFERRER M.
PARDESSUS A.
PARDESSUS OTERO A.
PARDINA M.
PARDINI M.
PARDON K.
PARDO-SAGANTA A.
PAREDES M.
PAREDES M.
PAREDES R.
PAREDES LÓPEZ M.
PAREEK M.
PAREEK M.
PAREEK P.
PAREKH D.
PARENT F.
PARFREY H.
PARIKH B.
PARIS D.
PARISCENTI G.
PARISI G.
PARISI P.
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PARKE R.
PARKER G.
PARKER J.
PARKER J.
PARKER S.
PARKER S.
PARKER-DEEKS S.
PARKES E.
PARKINSON-MEARNS N.
PARLAK H.
PARLEVLIET K.
PARNHAM M.
PARÓCZAI D.
PAROLO S.
PARPIEVA N.
PARRAGA G.
PARRAMON D.
PARROT A.
PARROT D.
PARRY S.
PARRY S.
PARSHINTSEV E.
PARSON K.
PARSONS K.
PARSONS M.
PARSPUR S.
PARTY P.
PARULEKAR A.
PARVU M.
PASAU T.
PASCARELLA M.
PASCHALAKI K.
PASCHE H.
PASCOAL I.
PASCOE A.
PASCOLO P.
PASCUAL S.
PASCUAL S.
PASCUAL ARNÓ L.
PASCUAL GARCÍA S.
PASCUAL MARTÍNEZ N.
PASELLO G.
PASIN D.
PASINI V.
PASQUA A.
PASQUALI C.
PASQUALOTTO F.
PASSACANTILLI S.
PASSANTINO C.
PASSANTINO L.
PASTOR E.
PASTORE S.
PASTORELLO S.
PASTORINO U.
PASTRE J.
PASUMARTHI T.
PAT K.
PATABENDI I.
PATABENDIGE S.
PATAKA A.
PATANÈ D.
PATANÉ S.
PATARIN J.
PATARIN V.
PATEL A.
PATEL A.
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PATEL S.
PATEL S.
PATEL V.
PATELLA B.
PATELLA V.
PATERNOTTE N.
PATHAK M.
PATHAK S.
PATIL S.
PATIL S.
PATIL S.
PATIL S.
PATIL V.
PATIRELIS A.
PATLAKH N.
PATNAIK M.
PATOLE S.
PATOUT M.
PATRA S.
PATRIA M.
PATRICK D.
PATRICK T.
PATRICK ENGKASAN J.
PATRUCCO F.
PATRUNO M.
PATRUNO V.
PATSAKI I.
PATSAMANIS H.
PATSOURA A.
PATTACINI P.
PATTERSON A.
PATTERSON C.
PATTERSON L.
PATTNAIK B.
PATZELT-BATH A.
PAUL B.
PAUL O.
PAULA-REZELJ M.
PAULA-REZELJ M.
PAULING J.
PAULUS V.
PAUSCH C.
PAUTRE T.
PAUWELS E.
PAVANELLO S.
PAVELICK J.
PAVITT M.
PAVLIŠA G.
PAVLOV N.
PAVLOV P.
PAVLOVA M.
PAVORD I.
PAVORD I.
PAVORD I.
PAWLAK D.
PAWLIKOWSKA B.
PAWSEY S.
PAXTON K.
PAYÃO PELLEGRINI D.
PAYAWAL O.
PAYNE D.
PAYTUVI A.
PAZ D.
PAZ TZRUIA M.
PAZARLI A.
PAZETTI R.
PAZHOUHAN M.
PAZOS-AREA L.
PEAKE S.
PEARCE C.
PEARCE D.
PEARL J.
PEARMAIN L.
PEARSE C.
PEARSON A.
PEARSON M.
PEARSONS A.
PECCHIARI M.
PECE SONMEZ Ü.
PECES-BARBA G.
PECHÉ R.
PECHLIVANIS S.
PECKHAM D.
PEDERSEN A.
PEDERSEN A.
PEDERSEN E.
PEDERSEN F.
PEDERSEN L.
PEDERSEN M.
PEDLEY H.
PEDRAZ-VALDUNCIEL C.
PEDRERO TEJADA S.
PEDROSO A.
PEDROSO M.
PEERLINGS D.
PEETERS D.
PEGELOW HALVORSEN C.
PÉGLIASCO H.
PÊGO-FERNANDES P.
PEHLIVAN A.
PEHLIVAN E.
PEHLIVAN OKUDUCU S.
PEI R.
PEIKERT T.
PEINADO V.
PEIRIS M.
PEIRY A.
PEIXOTO B.
PEJČIĆ T.
PEKCAN S.
PEKER M.
PEKER Y.
PEKKANEN J.
PEKSEN E.
PELÁEZ G.
PELÁEZ HERNÁNDEZ V.
PELÁEZ-LADERAS A.
PELAIA C.
PELAIA G.
PELC M.
PELED M.
PELGRÖM A.
PELICAN C.R.C ..
PELIZZO G.
PELLEGRINO P.
PELLETIER A.
PÉLOQUIN S.
PELOSO M.
PEMBRIDGE T.
PENA C.
PEÑA DEL CURA B.
PEÑA ORTEGA M.
PEÑACOBA TORIBIO P.
PEÑAFIEL-MUÑOZ J.
PEÑAILILLO L.
PEÑALOZA A.
PENALOZA RAMOS M.
PENALOZA-RAMOS M.
PENCHEVA R.
PENCHEVA GENOVA V.
PENEVA P.
PENFOLD H.
PENG B.
PENG B.
PENG D.
PENG J.
PENG L.
PENG M.
PENG Q.
PENG S.
PENG T.
PENG T.
PENG W.
PENG W.
PENG X.
PENG Y.
PENG Y.
PENGO M.
PENN R.
PENNANT T.

PENNATI F.
PENNEL C.
PENNER L.
PENNETTA V.
PENNINGS H.
PENNISI A.
PENNISI F.
PENNITZ P.
PENTEADO R.
PENUGONDA M.
PENUGONDA M.
PENUGONDA S.
PENZ E.
PENZEL T.
PEPE G.
PÉPIN J.
PEPIN J.
PEPKE-ZABA J.
PEPPERKOK R.
PERACAULA M.
PERADZYŃSKA J.
PERAK N.
PERALTA G.
PERALTA G.
PERAN L.
PERATICOU A.
PERCIVAL C.
PERDIJA Ž.
PEREA L.
PEREIRA A.
PEREIRA A.
PEREIRA B.
PEREIRA C.
PEREIRA E.
PEREIRA H.
PEREIRA L.
PEREIRA L.
PEREIRA M.
PEREIRA M.
PEREIRA P.
PEREIRA BRIZOLA L.
PEREIRA CATARATA M.
PEREIRA DE MAGALHÃES FERREIRA J.
PEREIRA DE SOUZA R.
PEREIRA RODRIGUES P.
PEREIRA SÁ COUTO J.
PEREIRA VEGA A.
PEREL A.
PERELLÓ S.
PERELLO ARAGONÉS S.
PERELMAN A.
PERERA A.
PERERA C.
PERERA E.
PERERA R.
PERESICH V.
PEREYRA B.
PEREZ A.
PÉREZ D.
PEREZ D.
PEREZ G.
PEREZ R.
PEREZ R.
PEREZ S.
PEREZ T.
PÉREZ CORTÉS G.
PÉREZ DE ARMAS P.
PEREZ DE NANCLARES SAEZ A.
PÉREZ DOMINGUEZ A.
PÉREZ GARCÍA A.
PÉREZ GRIMALDI F.
PÉREZ HERNÁNDEZ E.
PÉREZ MORALES M.
PÉREZ NYBERG C.
PÉREZ ORTEGA M.
PÉREZ PEÑATE G.
PÉREZ RODAS N.
PÉREZ ROJO R.
PÉREZ ROMERO I.
PEREZ RUIXO J.
PÉREZ-BOGERD S.
PEREZ-FERNANDEZ S.
PEREZ-GARCIA J.
PÉREZ-GONZÁLEZ A.
PÉREZ-MORENO P.
PEREZ-PONS M.
PEREZ-RODAS N.
PÉREZ-SAINZ A.
PEREZ-TRULLEN A.
PÉREZ-WARNISHER T.
PERGER E.
PERGER E.
PERI F.
PERICLEOUS C.
PERILLO F.
PERKINS A.
PERKINS A.
PERL L.
PERL S.
PERLEPE G.
PERLITZ* Y.
PERLUK T.
PERNA E.
PERNA F.
PERNA S.
PERNOT J.
PERONA-ABELLON R.
PERONI GUALDI L.
PEROSSI J.
PEROTIN J.
PEROTIN-COLLARD J.
PEROTTO A.
PERPENTI M.
PERRELLA A.
PERRET J.
PERRI A.
PERRIN C.
PERROT C.
PERROT M.
PERROTTA A.
PERROTTA F.
PERRY S.
PERSAUD T.
PERSAVENTO C.
PERSHAGEN G.
PERSHYN M.
PERSSON H.
PERSSON H.
PERTICONE E.
PERTSEVA T.
PERTSEVA T.
PERTZOV B.
PERUGIA L.
PERUMAL R.
PERVIZAJ-ORUQAJ L.
PESCARU C.
PESCATORE D.
PESCE G.
PESCHKES L.
PESCOL F.
PESENTI N.
PESHEVA Y.
PESL M.
PESONEN I.
PESTANA M.
PETÁK F.
PETAT H.
PETELYTSKA L.
PETER S.
PETER-DEREX L.
PETERMANN C.
PETERS A.
PETERS A.
PETERS A.
PETERS B.
PETERS C.
PETERS J.
PETERS J.
PETERS L.
PETERS M.
PETERS N.
PETERS W.
PETERSEN A.
PETERSEN A.
PETERSEN M.
PETERSON C.
PETERSON L.
PETERSON S.
PETERSON S.
PETINGA FORTES R.
PETIT P.
PETITJEAN T.
PETKOVA A.
PETKOVA D.
PETO T.
PETOUSI N.
PETRACHE I.
PETRACHI T.
PETRALIA L.
PETRARCA L.
PETRARULO S.
PETRASSO C.
PETRICA N.
PETRIE L.
PETRILLO M.
PETRINI I.
PETRIZ J.
PETROIANNI A.
PETRONGARI D.
PETROSYAN M.
PETROV D.
PETROVA G.
PETRUS J.
PETRY A.
PETRY MOECKE D.
PETTA V.
PETTIFER R.
PETTIGREW D.
PETTINI P.
PEUKERT K.
PEULIER-MAITRE E.
PEVEC M.
PEYTREMANN BRIDEVAUX I.
PEZZUTO A.
PEZZUTO F.
PEZZUTO V.
PFAAR O.
PFANNSCHMIDT J.
PFEFFER P.
PHADNIS S.
PHAM J.
PHAM T.
PHAM T.
PHAM-NGOC H.
PHILIP G.
PHILIP J.
PHILIP K.
PHILIP K.
PHILIP K.
PHILIPENKO B.
PHILIPP A.
PHILIPPE C.
PHILIPPE E.
PHILIPPE G.
PHILIPPOT Q.
PHILIPSEN L.
PHILIPSEN M.
PHILLION A.
PHILLIP G.
PHILLIPS A.
PHILLIPS C.
PHILLIPS D.
PHILLIPS D.
PHILLIPS G.
PHILLIPS J.
PHILLIPS J.
PHILLIPS V.
PHILP A.
PHILP A.
PHILTEOS G.
PHIPATANAKUL W.
PHOCHAROEN J.
PHOENIX S.
PHOSP-COVID COLLABORATIVE GROUP P.
PHOSP-COVID COLLABORATIVE GROUP T.
PHUA I.
PHUANGSOMBUT N.
PHULUSA J.
PHUONG R.
PIAMONTI D.
PIANIGIANI T.
PIAO E.
PIARULLLI P.
PIAZZA A.
PICADO C.
PICCARI L.
PICCHI A.
PICCIONI P.
PICCIRILLO S.
PICH A.
PICHARA N.
PICHLMAIR A.
PICHON E.
PICHON J.
PICIUCCHI S.
PICKERING C.
PIEKARCZYK P.
PIEKARSKA B.
PIERA J.
PIERCE A.
PIERRO G.
PIERS S.
PIERUCCI P.
PIETERMAN R.
PIETERS A.
PIETERSEN P.
PIETERSEN P.
PIETRI T.
PIETTE N.
PIFANO M.
PIFFERI M.
PIGEANNE T.
PIGGOTT L.
PIGNATTI P.
PIGNATTI P.
PIGNOLO R.
PIHTILI A.
PIJNENBURG M.
PIJNENBURG M.
PIJNENBURG M.
PIKE K.
PIKHART H.
PILCHER D.
PILETTE C.
PILIA F.
PILIA F.
PILIA M.
PILIERO N.
PILLAI A.
PILLAI A.
PILLAI K.
PILLAR A.
PILONI D.
PILUSO M.
PILZ C.
PIMENTA S.
PIMENTEL A.
PIMENTEL F.
PIMENTEL AGUILAR A.
PIMONTE E.
PIMPLE P.
PIN I.
PINAKA M.
PINEDA VILLEGAS P.
PINEDO C.
PINEDO SIERRA C.
PINHEIRO D.
PINHEIRO D.
PINHEIRO N.
PINHEIRO KITZINGER K.
PINHEIRO-MENEGASSO N.
PINHO L.
PINHO T.
PINI L.
PINILLA L.
PINILLOS-ROBLES E.
PINK I.
PINK M.
PINKERTON J.
PINKHASOV A.
PINKUS C.
PINNOCK H.
PINNOCK (ON BEHALF OF THE CONNECT NETWORK) H.
PIÑÓN-CRESPO Á.
PINO-YANES M.
PINQUIE F.
PINTO A.
PINTO A.
PINTO D.
PINTO L.
PINTO L.
PINTO P.
PINTO P.
PINTO S.
PINTO T.
PINTO Y.
PINTO BASTO R.
PINTO E VAIRO F.
PINTO GONÇALO E.
PINTO MENDES M.
PINTO VENÂNCIO LOURENÇO DA SILVA M.
PINTO-PLATA V.
PINTOS-LOURO M.
PINZANI M.

PINZON B.
PIOSELLI B.
PIOTROSTANALZKI A.
PIOTROWSKI W.
PIOTROWSKI W.
PIOTTO M.
PIPER A.
PIPER A.
PIPPARD B.
PIQUERAS M.
PIQUILLOUD L.
PIRA K.
PIRAINO A.
PIRAINO A.
PIRAINO P.
PIRARD L.
PIRAS A.
PIRÇON J.
PIRES L.
PIRES P.
PIRES DE OLIVEIRA Y.
PIRES DI LORENZO V.
PIRES VICENTE L.
PIRINA P.
PIRKFELLNER A.
PIRO R.
PIROMPANICH P.
PIRRELLO G.
PIRROTTE P.
PIRTNIEKS A.
PISANI L.
PISANO A.
PISANU L.
PISCHEDDA S.
PISCITELLO C.
PISI R.
PISLARU C.
PISLARU S.
PISON C.
PISONI C.
PISTELLI F.
PISTENMAA C.
PISTOLESI M.
PISTONE A.
PITAVAL K.
PITCHFORD S.
PITOULIAS A.
PITOZZI V.
PITREZ MOCELIN L.
PITROU I.
PITRUZZELLA A.
PITSIDIANAKIS G.
PITSIDIANAKIS G.
PITSIOU G.
PITSTICK L.
PITTA F.
PITTMAN M.
PITTMAN M.
PITTROW D.
PITTS O.
PITTS O.
PIVODIC A.
PIWKO A.
PIZZANELLI C.
PIZZICHINI M.
PIZZIMENTI S.
PLACHI F.
PLAMENAC T.
PLANA PES M.
PLANAS L.
PLANAS M.
PLANAS CEREZALES L.
PLANAS-CEREZALES L.
PLANCHART A.
PLANK C.
PLANK M.
PLANT E.
PLANT R.
PLANTE V.
PLANTIER L.
PLAPPERT L.
PLATÉ M.
PLATE T.
PLATT A.
PLAYLE T.
PLAZA V.
PLEASANTS R.
PLEBANSKI M.
PLETZ M.
PLETZ M.
PLIT M.
PLOHMANN P.
PLOMP P.
PLOWRIGHT M.
PLUCINSKI E.
PLUCINSKI E.
PLUGARU A.
PLUTECKA H.
PLUTINSKY M.
PNEUMONIA AND RESPIRATORY DISEASE STUDY GROUP P.
POBEHA P.
POBEREZHETS O.
POBEREZHETS V.
POCH D.
POCHEPNIA S.
POCHULU C.
PODGORSKA E.
PODMORE B.
PODOLANCZUK A.
PODZAMCZER I.
PODZAMCZER VALLS I.
POENOU G.
POGGE VON STRANDMANN E.
POGGESI I.
POGGIO G.
POH M.
POHL E.
POHL W.
POHUNEK P.
POINASAMY K.
POIRIER C.
POKORNA A.
POLACZEK M.
POLAND D.
POLAT G.
POLAT M.
POLAT Z.
POLAT YULUĞ D.
POLATLI M.
POLEDNICZEK M.
POLELLI V.
POLETTI V.
POLI P.
POLIAKOV V.
POLIANSKA M.
POLIMENI V.
POLISHWALLA S.
POLISSENI GRAÇA N.
POLISTINA G.
POLIVKA L.
POLKE M.
POLKE M.
POLKEY M.
POLKEY M.
POLKEY M.
POLL T.
POLLACK M.
POLLARD S.
POLLASTRI F.
POLLIOCK J.
POLLOCK J.
POLOK K.
POLONIO M.
POLONIO GONZALEZ M.
POLONIO GONZALEZ M.
POLTEN F.
POLVERINO E.
POLVERINO F.
POLYAKOV M.
POLYCHRONAKIS T.
POMA S.
POMERANTZ A.
POMERANTZ G.
POMERO I.
POMMEROLLE L.
POMPEO E.
POMPILIO P.
PONCE A.
PONCIN W.
POND G.
PONDOLFE K.
PONGDEE T.
PONNARAMBIL S.
PONTALTO L.
PONTANA F.
PONTES S.
PONTIER S.
PONTIS S.
POOJARY-HOHMAN I.
POOL K.
POOLE V.
POON C.
POON Y.
POONIA S.
POOVIENG J.
POP-DAMKOV P.
POPENKO N.
POPESCU D.
POPIELNICKI A.
POPOVIĆ GRLE S.
POPOVIĆ-GRLE S.
POPOVICI-MULLER M.
POPP F.
POPURI K.
PORCELLA A.
PORCHER R.
PORFIRIO DA SILVA A.
PORPODIS K.
PORPODIS K.
PORRAS-GONZALEZ D.
PORS S.
PORS S.
PORSBJERG C.
PORSZASZ J.
PORTA S.
PORTACCI A.
PORTELLI M.
PORTER J.
PORTILLO K.
PORTILLO CALDERA D.
PORTILLO CARROZ K.
PORTILLO-CASTAÑO F.
PORTO I.
PORTO M.
PORVAZNÍK I.
POSCHENREITHNER L.
POŠKIENĖ L.
POST M.
POST R.
POSTHUMA R.
POSTIC A.
POSTIGO T.
POSTOVITENKO K.
POTARIS K.
POTASSO L.
POTEEVA T.
POTO R.
POTOČNIK U.
POTT H.
POTTS J.
POTUS F.
POTZMANN M.
POU C.
POU-AGUILAR Y.
POULET C.
POULETAUT P.
POULOS L.
POULOU S.
POULSEN A.
POULSEN A.
POULSEN H.
POUPET H.
POUPOUZAS G.
POUPOUZAS G.
POUPOUZAS G.
POURAFKARI M.
POURNARAS N.
POUSSEL M.
POUWELS S.
POUWELS S.
POUYAU R.
POVEDANO M.
POWELL B.
POWELL P.
POWELL Z.
POWER S.
POWERS R.
POWEZKA K.
POYATOS P.
POZA-GUEDES P.
POZO K.
POZUR N.
POZZATO B.
POZZESSERE C.
PP A.
PRABHAKARAN K.
PRABHUDESAI P.
PRABHUDESAI P.
PRADAT P.
PRADELLA F.
PRADHAN A.
PRADHANA C.
PRADO C.
PRADO C.
PRADON J.
PRADOS C.
PRÆSTEGAARD M.
PRAIS D.
PRAJAPAT B.
PRAKASH A.
PRAKASH A.
PRAKASH V.
PRAKKI S.
PRALONG J.
PRAMESH C.
PRAMONO R.
PRANAY SAI C.
PRANINDYASARI A.
PRANKE I.
PRAPROTNIK M.
PRASAD K.
PRASATH A.
PRASOMTHONG J.
PRASSE A.
PRATI M.
PRATS E.
PRATT R.
PRATTE K.
PRAYLE A.
PRECEK J.
PRECIADO L.
PRELLA M.
PREMUDA C.
PRENDECKI M.
PRENDECKI R.
PRESTON I.
PRESTON N.
PRETE I.
PRETO M.
PRETORIUS V.
PREUßE P.
PREUßER C.
PREVEL R.
PREVITERO D.
PRÉVOST K.
PREVOST T.
PRÉVOT G.
PRIBYL J.
PRIBYLOVA P.
PRICE D.
PRICE L.
PRICE L.
PRICE L.
PRICE L.
PRICE O.
PRICE O.
PRICE R.
PRIEGUE A.
PRIESTMAN M.
PRIETO-GONZALEZ S.
PRIEUR G.
PRIGENT A.
PRIGENT H.
PRILEPINA L.
PRIME P.
PRIMERANO E.
PRIMEROSE D.
PRIMOMO G.
PRIMROSE D.
PRINA E.
PRINCE M.
PRINCIPE S.
PRINCIPE S.
PRINS J.
PRINS M.
PRINZ O.
PRIOR H.
PRIOR K.
PRIOR T.
PRIOR T.
PRIOU P.
PRITCHARD A.
PRITCHARD A.
PRIVITERA A.
PRIVITERA E.
PRIYA N.
PRIYA W.

PRNJAVORAC B.
PROAPROTNIK M.
PROBERT H.
PROBST M.
PROBST-HENSCH N.
PROBYN J.
PROCIDA T.
PROCIDA-KOWALSKI T.
PROCOPI A.
PROCOPISIN L.
PROESMANS K.
PROESMANS M.
PROFITA M.
PROKOPAKIS E.
PROKOPCHUK O.
PRONK A.
PROSCH H.
PROSINGER L.
PROTA R.
PROTOPAPAS A.
PROVENCHER S.
PROVOST M.
PRUDENTE R.
PRUDENTE BÁRTHOLO T.
PRUDON B.
PRÜFER F.
PRUNIER M.
PRUNOTTO A.
PRYLEPINA L.
PRYLINSKA K.
PRYSTUPA T.
PRZIBILLA M.
PRZYBYLSKI G.
PSALLIDAS I.
PSAROUDAKI Z.
PSATHA K.
PUAH S.
PUAN Y.
PUCCA A.
PUCHAES MANCHÓN C.
PUCI M.
PUCI M.
PUDDU G.
PUENTE MAESTU L.
PUENTE MORENO M.
PUESCHNER F.
PUGALENTHI A.
PUGASHETTI J.
PUGGIONI D.
PUGGIONI F.
PUGLIARO C.
PUHAN M.
PUHAN M.
PUHAN M.
PUIG L.
PUJAL MONTAÑA P.
PUJARI C.
PUŁA A.
PULGA A.
PULIDO T.
PULIDO HERNÁNDEZ I.
PULIK K.
PULITO-CUETO V.
PULLERITS T.
PULMONARY HYPERTENSION GLOBAL PATIENT SURVEY COLLABORATION ..
PUNERA A.
PUNERA D.
PUNJABI A.
PUNJABI N.
PUPP I.
PUPPO H.
PURCELL M.
PURGHÈ B.
PURI A.
PURI S.
PUROKIVI M.
PURVIS J.
PUTHOOR M.
PUTIGNANO P.
PUTOIS B.
PUTRA A.
PUTTI G.
PUY RION M.
PUYAL-BARCELONA M.
PUZNIAK L.
PYANA KITENGE J.
PYNN M.
PYR DIT RUYS S.
PYROG A.
Q
QADAH M.
QASIM M.
QASIM R.
QAZI R.
QAZI U.
QI Q.
QI X.
QI Y.
QIAN Y.
QIAN Z.
QIANG Y.
QIAO Y.
QIN C.
QIN F.
QIN H.
QIN W.
QIN Z.
QIN Z.
QING F.
QIU J.
QIU P.
QIU X.
QIU Y.
QIU Z.
QOSE L.
QTAISHAT F.
QU J.
QU Y.
QUACH S.
QUADFLIEG K.
QUADRELLI S.
QUADRI F.
QUAN D.
QUANZ K.
QUARANTA A.
QUARANTA S.
QUARANTA V.
QUARANTA V.
QUARATO C.
QUARCK R.
QUARESHI I.
QUARESMA S.
QUART B.
QUATAERT C.
QUE H.
QUECAÑO UMIRI D.
QUEIROZ J.
QUEK A.
QUEK E.
QUEK H.
QUERIOZ D.
QUERO S.
QUIGNOT N.
QUIJANO ROY S.
QUILES N.
QUINN S.
QUINT J.
QUINT J.
QUINT J.
QUINT M.
QUINTANA G.
QUINTANA-GALLEGO E.
QUINTANS-JÚNIOR L.
QUINTERO SANTOFIMIO V.
QUIRCE S.
QUITO PARRA A.
QUIZON B.
QUMU S.
QURESHI M.
QURESHI T.
QUTAYBA H.
QUYAM S.
R
R R.
R KONRADSEN J.
R. F. CARVALHO C.
R. GONÇALVES M.
R. MOURA G.
RA S.
RA S.
RAAIJMAKERS J.
RAASCH K.
RABAGO CASTRO J.
RABAHI M.
RABATA A.
RABAZZI G.
RABBANI U.
RABE A.
RABE K.
RABE K.
RABE K.
RABEAU A.
RABEC C.
RABINOVICH R.
RABOSO B.
RABOSO MORENO B.
RABY K.
RABY K.
RACHDI E.
RACHED S.
RACHID-WOLPP E.
RACHIL D.
RACIL H.
RACIL H.
RACIONERO M.
RADCLIFFE G.
RADEMACHER J.
RADEMAEKERS A.
RADEMAKER E.
RADHAKRISHNAN P.
RADIA P.
RADIN A.
RÅDINGER M.
RADMAN L.
RADNER H.
RADON K.
RADONIC T.
RADOVANOVIC D.
RADTKE T.
RADUNA O.
RADWAN A.
RADY M.
RADZIEWICZ WINNICKI I.
RADZIKOWSKA E.
RAE B.
RAFAEL BUENO J.
RAFAT S.
RAFECAS A.
RAFECAS-CODERN A.
RAFFERTY G.
RAFFERTY J.
RAFIE K.
RAGGI G.
RAGHAV P.
RAGMOUN W.
RAGNOLI B.
RAGOZZINO S.
RAHAGHI F.
RÅHEIM BORGE C.
RAHERISON C.
RAHERISON-SEMJEN C.
RAHIM Y.
RAHMAN A.
RAHMAN I.
RAHMAN J.
RAHMAN M.
RAHMAN M.
RAHMAN N.
RAHMAN N.
RAHMAN N.
RAHN J.
RAHUL E.
RAI D.
RAI D.
RAI D.
RAI K.
RAI R.
RAIDL P.
RAIDT J.
RAIDULLAH E.
RAIMBOURG J.
RAIMONDI F.
RAINA P.
RAITH J.
RAJ R.
RAJ T.
RAJ V.
RAJ V.
RAJA J.
RAJA M.
RAJA V.
RAJABOV K.
RAJABOV X.
RAJADURAI R.
RAJAGOPALAN S.
RAJAN S.
RAJAN T.
RAJAPAKSHE Y.
RAJARAM S.
RAJASEKAR P.
RAJAVEL S.
RAJAWAT G.
RAJENDRAN P.
RAJESH B.
RAJESH N.
RAJKOTIA B.
RAJKUMAR D.
RAJKUMAR W.
RAJPOOT A.
RAJPOOT S.
RAJPUT S.
RAJU S.
RAJVAIDYA G.
RAJVANSHI N.
RAK L.
RAKASIWI M.
RAKHIT R.
RAM J.
RAM R.
RAMA T.
RAMACHANDRAN S.
RAMADORE S.
RAMAKERS R.
RAMAKRISHNAN S.
RAMALHO I.
RAMALHO M.
RAMAN B.
RAMAN L.
RAMAN R.
RAMASAMY R.
RAMASLI GÖRSOY T.
RAMASLI GÜRSOY T.
RAMBOLÁ C.
RAMESH W.
RAMINELLI E.
RAMÍREZ A.
RAMIREZ G.
RAMÍREZ N.
RAMÍREZ MARTÍN M.
RAMIREZ MARTINEZ M.
RAMÍREZ PRIETO M.
RAMÍREZ-SARMIENTO A.
RAMÍREZ-SECO N.
RAMON M.
RAMÓN BELMONTE M.
RAMÓN-BELMONTE M.
RAMOS D.
RAMOS E.
RAMOS R.
RAMOS CHAVES D.
RAMOS PAULA-VIEIRA R.
RAMOS-ABRIL V.
RAMOS-BARBÓN D.
RAMOS-HERNÁNDEZ C.
RAMOS-LIMA F.
RAMOS-RAMÍREZ P.
RAMPHUL M.
RAMPIADOU C.
RAMPRADEEP R.
RAMPTON C.
RAMSAHAI J.
RAMSAY M.
RAMSAY SPANGEHL L.
RAMSDEN B.
RAMSDEN D.
RAMSDEN V.
RAMSLI M.
RAMU S.
RAN B.
RAN P.
RANASINGHE K.
RANCE H.
RANDERATH W.
RANDERATH W.
RANDEVA H.
RANDHAWA G.
RANDI A.
RANELLOU K.
RANELLOU K.
RANETE A.
RANGA D.
RANGANADIN P.
RANGANATHAN P.

RANGANTHAN M.
RANIA N.
RANISZEWSKA A.
RANJAN P.
RANKIN E.
RANKL B.
RANSING N.
RAO M.
RAO R.
RAO R.
RAO S.
RAO S.
RAO V.
RAO W.
RAO Y.
RAOUA N.
RAOUL-DUVAL J.
RAPEPORT G.
RAPHAEL R.
RAPLEY T.
RAPSOMANIKI E.
RAPTAKIS T.
RAQUEL AFONSO A.
RASCHI S.
RASHED A.
RASHID M.
RASKIN J.
RASMUSSEN H.
RASMUSSEN H.
RASMUSSEN L.
RASMUSSEN L.
RASMUSSEN P.
RASO M.
RASPAUD C.
RASPE M.
RASSOULI F.
RASSOULPOUR N.
RASTE Y.
RASTELLI A.
RASTODER E.
RATHI V.
RATHNAPALA A.
RATHOD D.
RATHOD S.
RATHORE R.
RATNAKUMAR C.
RATNAM R.
RATNAM S.
RATNASINGHAM M.
RATTANAKANOKCHAI S.
RATTI L.
RATTI L.
RATTI L.
RAUBER C.
RAUCH J.
RAUEN U.
RAUF F.
RAUF-UL-HASSAN M.
RAUT P.
RAVAGLIA C.
RAVANELLI F.
RAVENTÓS CATASÚS M.
RAVI R.
RAVICHANDRAN V.
RAVIKUMAR A.
RAVIKUMAR M.
RAVINDRA S.
RAVINDRA S.
RAVIV O.
RAVN M.
RAWAL B.
RAWAT S.
RAWLIK K.
RAY A.
RAY P.
RAYA BENÍTEZ J.
RAYA-BENÍTEZ J.
RAYMENT J.
RAYMOND C.
RAZA A.
RAZA A.
RAZAKAMANANTSOA L.
RAZDAN N.
RAZINE R.
RAZUMNYI R.
RAZZAQ S.
RE B.
RE FRASCHINI D.
REA D.
REA F.
REA G.
REALE C.
REALE S.
REALINGO N.
REAP S.
REARDON L.
RÉAU R.
REBAY S.
REBORA P.
RECHER G.
RECHMEIER M.
RECK M.
RECUERO DÍAZ J.
REDARD J.
REDDEL H.
REDDEL H.
REDDEL H.
REDDY J.
REDDY K.
REDDY R.
REDDY Y.
REDEL A.
REDENTE E.
REDENTE E.
REDJACHTA M.
REDMOND C.
REDMOND D.
REDMOND K.
REDWOOD D.
REDWOOD D.
REDWOOD D.
REED S.
REES D.
REES D.
REES S.
REEVES A.
REEVES E.
REEVES R.
REFAEY M.
REFAI M.
REFSGAARD B.
REGAMEY N.
REGAN K.
REGANY C.
REGARD L.
REGEV S.
REGIN Y.
REGINATO M.
REGIS VIDAL T.
REGUART N.
REGUART ARANSAY N.
REGUIG A.
REHBINDER E.
REHKOPF D.
REHM N.
REHMAN A.
REHMAN F.
REICHEL F.
REICHENBERG Y.
REICHENBERGER F.
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REID F.
REID W.
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REIS SILVA T.
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REJEB H.
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REKHA P.
RELTON C.
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REMUS N.
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REQUEJO-JIMÉNEZ A.
RES N.
RESEDI A.
RESHETAR D.
RESHETNYKOVA T.
RESQUETI V.
RESQUETI V.
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REVILLA-LÓPEZ E.
REVIONO R.
REVOL B.
REVUELTA SALGADO F.
REY GUTAMA R.
REYCHLER G.
REYES M.
REYES P.
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RIBBENS C.
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RIERA H.
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RIFFO-VASQUEZ Y.
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RIOS G.
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RIOU M.
RIPA AISA I.
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RIPAMONTI R.
RIPS J.
RIQUELME MARTINEZ V.
RITCHIE A.
RITCHIE C.
RITCHIE G.
RITCHIE G.
RIU P.
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RIUDOR GURI A.
RIVA-ROVEDDA F.
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RIVERA-ORTEGA P.
RIVERO C.
RIVERO-CALLE I.
RIVETTI S.
RIVIECCIO A.
RIVIELLO E.
RIVIERE F.
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RIZA T.
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RIZWAN M.
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RIZZELLI C.
RIZZELLO S.
RIZZI A.
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RNJAK D.
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ROBACH P.
ROBAIDI H.
ROBAIDI H.
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ROBSON E.
ROCA E.
ROCA J.
ROCCA A.
ROCCHI A.
ROCCHI P.
ROCCO D.
ROCH B.
ROCHA S.
ROCHA GODINHO DOS REIS VISCONTI N.
ROCHA PEREIRA K.
ROCHE A.
ROCHE J.
ROCHE N.
ROCHE S.
ROCHE CAMPO F.
ROCHESTER L.
ROCHMAN M.
ROCHWERG B.
ROCK J.
RÖCKEN J.
RODAS-VALERO G.
RØDDE M.
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RODENBURG T.
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RODENBUSH C.
RODÉS N.
RODGERS J.
RODGERS M.
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RODLER J.
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RODRIGUES V.
RODRIGUES FERRAZ SILVA J.
RODRIGUES MARTINS DE CALDEIRA E CERCA B.
RODRIGUES SABINO L.
RODRÍGUEZ A.
RODRIGUEZ C.
RODRÍGUEZ E.
RODRIGUEZ M.
RODRÍGUEZ CABRERA A.
RODRIGUEZ CALLE C.
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RODRIGUEZ GIAMBAGLI N.
RODRIGUEZ GIANBAGLI N.
RODRIGUEZ GÓMEZ A.
RODRÍGUEZ GONZÁLEZ A.
RODRÍGUEZ HERMOSA J.
RODRÍGUEZ HERRERA A.
RODRÍGUEZ HERRERA A.
RODRÍGUEZ JIMENO E.
RODRIGUEZ LLAMAZARES S.
RODRÍGUEZ LOBATO E.
RODRÍGUEZ MEDINA J.
RODRÍGUEZ MUÑOZ C.
RODRÍGUEZ PADILLA C.
RODRÍGUEZ PLAZA D.
RODRÍGUEZ PONS L.
RODRIGUEZ SANZ J.
RODRÍGUEZ-CABELLO J.
RODRÍGUEZ-CHARADÍA D.
RODRÍGUEZ-FRÍAS F.
RODRÍGUEZ-GUZMÁN A.
RODRIGUEZ-LLAMAZARES S.
RODRÍGUEZ-MUÑOZ C.
RODRÍGUEZ-MUÑOZ C.
RODRÍGUEZ-NIETO M.
RODRÍGUEZ-OTERO I.
RODRIGUEZ-PINTO I.
RODRÍGUEZ-ROISIN R.
RODRIGUEZ-SANTANA J.
RODRIGUEZ-SANZ J.
RODRÍGUEZ-SUÁREZ E.
RODRÍGUEZ-VILLAMIZAR L.
RODRIGUEZ-VILLEGAS E.
ROEBEN J.
ROECKEN J.
ROEDER J.
ROESELERS G.
ROETTI S.
ROGA L.
ROGDE A.
ROGEL VILANOVA M.
ROGER P.
ROGER Y.
ROGERS A.
ROGERS G.
ROGI B.
ROGLIANI P.
ROGULA-KOZŁOWSKA W.
ROGULSKI M.
ROHDE G.
ROHDE G.
RÖHMEL J.
ROHRHOFF N.
ROJAS QUINTERO J.
ROJAS ROA N.
ROJAS RUIZ A.
ROJAS-HERNANDEZ L.
ROJC G.
ROKACH A.
RØKSUND O.
RØKSUND O.
ROLANDSSON ENES S.
ROLDAN N.
ROLDÁN R.
ROLLAND C.
ROLLAND F.
ROLLAND-DEBORD C.
ROLO DUARTE A.
ROMA E.
ROMAGNOLI M.
ROMAGOSA S.
ROMAIN-SCELLE N.
ROMAN RODRÍGUEZ L.
ROMANCZUK M.
ROMANET C.
ROMANO J.
ROMBOLÁ C.
ROMDAL M.
ROME C.
ROMEI C.
ROMEO P.
RØMER V.
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ROMERO G.
ROMERO H.
ROMERO L.
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ROMERO FALCON M.
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ROMERO LOPEZ J.
ROMERO MESONES C.
ROMERO MESONES C.
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ROMERO RIBATE D.
ROMERO ROMERO B.
ROMERO ROS X.
ROMERO RUBIO M.
ROMERO SAYAGO C.
ROMERO-FALCON A.
ROMERO-RIBATE D.
RØMHILD DAVIDSEN J.
ROMITI R.
ROMITI V.
ROMUNDSTAD S.
RONAN N.
RONCAGLIA S.
RONCERO LAZARO A.
RONCERO MARTÍN A.
RONDEAU P.
RONG X.
RÖNMARK E.
RØNN C.
RØNNE M.
RØNNE M.
RØNNE M.
RONSMANS S.
RONZONI V.
ROOKE Z.
ROONEY M.
ROOS J.
ROOSSOVSKA O.
ROPARS T.
RÖPKE T.
RÖPKEN F.
ROPONEN M.
ROQUE M.
ROQUE BARBOZA W.
ROQUE BETANCOURT E.
ROS SOTO L.
ROSA G.
ROSA J.
ROSA M.
ROSA R.
ROSA LINARES C.
ROSADO A.
ROSADO J.
ROSADO RODRIGUEZ J.
ROSA-LINARES C.
ROSATI Y.
ROSCANI M.
ROSCIGNO R.
ROSCIOLI E.
ROSDAL I.
ROSE J.
ROSE J.
ROSE M.
ROSE M.
ROSE-JOHN S.
ROSELL A.
ROSELL J.
ROSELL GRATACOS A.
ROSENBAUM T.
ROSENBERGER C.
ROSENBLATT J.
ROSENFELD Y.
ROSENGARTEN D.
ROSENHEIM J.

ROSENKRANZ S.
ROSENTHAL K.
ROSENTHAL M.
ROSETA L.
ROSEWICH M.
ROSI E.
ROSICH FÍRVIDA A.
ROSIER K.
ROSMARK O.
ROSS B.
ROSS C.
ROSS J.
ROSS M.
ROSS O.
ROSS V.
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ROSSANO M.
ROSSEL A.
ROSSETTI V.
ROSSI A.
ROSSI A.
ROSSI G.
ROSSI L.
ROSSI V.
ROSSI CARUSO F.
ROSSI DO CARMO G.
ROSSINI M.
ROSSITER H.
ROSSIUS M.
ROSSMANN L.
ROSSO L.
ROSSOVSKA O.
ROST M.
ROT M.
ROTEVATN A.
ROTH J.
ROTHE T.
ROTHMAN A.
ROTHMAN A.
ROTHSCHILD B.
ROTREKL V.
ROTSCHILD B.
ROTZINGER D.
ROUABHIA M.
ROUATBI N.
ROUATBI S.
ROUCHIÉ B.
ROUFOSSE F.
ROUHANI M.
ROUIS H.
ROUKA E.
ROUKEMA J.
ROUSSAKIS N.
ROUSSOS A.
ROUW K.
ROUX J.
ROUXEL O.
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ROVINA N.
ROVINA N.
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ROWAN K.
ROWBOTHAM N.
ROWE P.
ROWLAND L.
ROWLANDS A.
ROXAS C.
ROY C.
ROY H.
ROY M.
ROY S.
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ROYCE S.
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ROZEMEIJER W.
ROZENBERG D.
ROZENDAAL J.
ROZGONYI Z.
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RUBAK S.
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RUBENSTEIN J.
RUBINSTEIN P.
RUBIO CALVO E.
RUBIO OTAOLA C.
RUCHIWIT P.
RÜCKOLDT J.
RUDAKOVA V.
RUDD M.
RUDDY M.
RUDNYTSKA N.
RUDOLPH C.
RUEDIGER J.
RUEEGG C.
RUFFINO G.
RUFFLES T.
RUFO TAVARES E.
RUGGERO L.
RUGGIERO C.
RUGGIERO P.
RUIGROK D.
RUIZ E.
RUIZ M.
RUIZ O.
RUIZ S.
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RUIZ CALVO Á.
RUIZ CLIMENT S.
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RUIZ GEMAR I.
RUIZ ITURRIAGA L.
RUIZ MARTÍNEZ C.
RUIZ PERIAL M.
RUIZ TARBET C.
RUIZ-BAQUÉS A.
RUIZ-CABELLO J.
RUIZ-REINA A.
RUIZ-SERRANO M.
RUJUMBA J.
RULLI I.
RUMMAN N.
RUNOLD M.
RUPANI H.
RUPARELIA P.
RUPP J.
RUPPERT C.
RUPPRECHTER S.
RUPRECHT A.
RUSANEN M.
RUSANOVSCHI-BALICA O.
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RUSCONI F.
RUSEVA I.
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RUSSELL A.
RUSSELL H.
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RUTHERFORD R.
RUTKOWSKA E.
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RUZZINI E.
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S. WAGERS S.
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SA J.
SÁ MARQUES M.
SAAB M.
SAAD H.
SAAD M.
SAADEH K.
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SAARESRANTA T.
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SABALE A.
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SABANCI M.
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SÁEZ-PÉREZ J.
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SAIDANI W.
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SAIDY S.
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SALTEVO S.
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SALTURK C.
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SALVADOR R.
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SALVI B.
SALVI S.
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SALWIG I.
SAM S.
SAMAD A.
SAMADFAM R.
SAMAHA H.
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SAMARA K.
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SAMARASEKERA B.
SAMARASINGHE R.
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SAMITAS K.
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SAMPEDRO C.
SAMPOL J.
SAMPRITY I.
SAMPSONAS F.
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SAMSON M.
SAMSON R.
SAM-SPITTELER M.
SAMUELS M.
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SAN JOSÉ PASCUAL C.
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SÁNCHEZ A.
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SÁNCHEZ R.
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SÁNCHEZ MARTÍNEZ K.
SÁNCHEZ MELLADO D.
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SÁNCHEZ-COVISA J.
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SÁNCHEZ-DE-LA-TORRE M.
SÁNCHEZ-DUFFHUES G.
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SÁNCHEZ-MORILLO D.
SÁNCHEZ-PERNAUTE O.
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SANCTUARY T.
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SAPUTRA P.
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SARAIVA I.
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SARANGO PARRALES C.
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SARTORATO PEDROTTI C.
SARTORI F.
SARTORI G.
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SARUWATARI S.
SARWAR M.
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SASAKI M.
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SASTRY N.
SATAKE Y.
SATAPATHY S.
SATCHITHANANDHA A.
SATHISH V.
SATIA I.
SATISH K.
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SATTAR SHEIKH A.
SATTLER W.
SAUCEDO PRUNEDA A.
SAUCY A.
SAUERER S.
SAULOL HAMID N.
SAUMTALLY H.
SAUNDERS J.
SAUNDERS L.
SAUNDERS P.
SAUNDERS R.
SAUNDERS S.
SAUR J.
SAURIGNY D.
SAUSSERAU J.
SAUTE M.
SAUTER W.
SAUVAGET M.
SAUVAGET O.
SAVAGE M.
SAVAGE M.
SAVAI R.
SAVAI PULLAMSETTI S.
SAVAI-PULLAMSETTI S.
SAVALE L.
SAVARINO E.
SAVAŞ R.
SAVAŞ S.
SAVELIKHINA I.
SAVELKOUL P.
SAVIĆ N.
SAVIC S.

SAVIC PRINCE S.
SAVIN T.
SÄVMAN K.
SAVOLDI A.
SAVOURÉ M.
SAWAI K.
SAWAI S.
SAWAI T.
SAWAMURA M.
SAWANT A.
SAWARD M.
SAWAYAMA J.
SAWAZUMI T.
SAWE H.
SAWHNEY H.
SAWSEN D.
SAXENA K.
SAXER S.
SAYANI A.
SAYAS CATALAN J.
SAYDAM O.
SAYED S.
SAYED AHMED A.
SAYERS I.
SAYÉS A.
SAYFADDINOVA M.
SAYGIDEGER B.
SAYGIDEGER Y.
SAYHI A.
SAYILI U.
SAYIT D.
SAYNOR Z.
SAYO J.
SAZAKLI E.
SBARBATI M.
SBRANA A.
SCAFFIDI ARGENTINA U.
SCAFFIDI-ARGENTINA U.
SCAGLIONE S.
SCALA M.
SCALA R.
SCALES J.
SCALIA S.
SCAPOLAN B.
SCARANO P.
SCARAVILLI V.
SCARFFE A.
SCARPAZZA P.
SCARROTT L.
SCATTOLIN D.
SCAVONE C.
SCELO G.
SCHABALLIE H.
SCHAEFER R.
SCHAEFFER J.
SCHAEFFER M.
SCHAFAUSER-SEGUNDO N.
SCHAFER P.
SCHAFFER A.
SCHALKWIJK S.
SCHALLENBURGER M.
SCHALLER M.
SCHAMBACH A.
SCHAMROTH J.
SCHAMS A.
SCHANDELMAIER S.
SCHANG G.
SCHARHAG J.
SCHAUB B.
SCHAUB J.
SCHEDEL M.
SCHEEPERS L.
SCHEIKE T.
SCHELL R.
SCHELLENBERG M.
SCHELSTRAETE P.
SCHENK H.
SCHENK S.
SCHERMULY R.
SCHERMULY R.
SCHERPEREEL A.
SCHIATTARELLA A.
SCHIAVI E.
SCHIAVI E.
SCHIAVON M.
SCHICKINGER S.
SCHIEVANO S.
SCHIFINO G.
SCHIKOWSKI T.
SCHIKOWSKI T.
SCHILLEBEECKX E.
SCHILLER H.
SCHILLER J.
SCHILLING B.
SCHINCAGLIA M.
SCHINI-KERTH V.
SCHINO P.
SCHIÖLER L.
SCHITTENHELM R.
SCHIZA S.
SCHIZA S.
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SCHLANGE T.
SCHLECKER C.
SCHLEDERER T.
SCHLEGTENDAL A.
SCHLEICH F.
SCHLEMMER F.
SCHLETT C.
SCHLICK L.
SCHLOSSER T.
SCHLÜNSSEN V.
SCHMALZING M.
SCHMECK B.
SCHMID J.
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SCHMID-SCHERZER K.
SCHMIDT A.
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SCHMIDT-STIEDENROTH K.
SCHMIEDICHE T.
SCHMITT B.
SCHMITT F.
SCHMITT J.
SCHMITT M.
SCHMOCZER M.
SCHNECKENPOINTNER R.
SCHNEEBERGER T.
SCHNEIDER A.
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SCHNEITER D.
SCHNIDER L.
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SCHOELERMANN J.
SCHOFIELD L.
SCHOLAND M.
SCHOLES S.
SCHOLS A.
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SCHOLZ A.
SCHÖN J.
SCHÖN P.
SCHÖN T.
SCHÖNLEBER A.
SCHÖNWETTER R.
SCHOPPER G.
SCHOTLAND H.
SCHOU C.
SCHOUSTRA E.
SCHOWB R.
SCHRAMECK U.
SCHRAMM P.
SCHRECK T.
SCHREIBER S.
SCHREIER M.
SCHRIJVER L.
SCHRÖDER L.
SCHRÖDER N.
SCHROEDER M.
SCHRUMPF J.
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SCHUBERT S.
SCHUBERT-HAACK J.
SCHUEPBACH R.
SCHUH H.
SCHUHMANN M.
SCHUHN A.
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SCHULMANN K.
SCHULTZ T.
SCHULZ C.
SCHULZ M.
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SCHUMACHER F.
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SCHUSTER S.
SCHUSTER T.
SCHÜTZ K.
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SCHUURMAN L.
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SCHWARZ K.
SCHWARZ T.
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SCHWARZL G.
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SCHWEIKERT A.
SCHWEITZER C.
SCHWERK N.
SCHWETS K.
SCHWICK B.
SCHWIENING M.
SCHYVENS A.
SCIACCA E.
SCIALABBA C.
SCIALÒ F.
SCIARAFFA N.
SCIARRILLO E.
SCICHILONE N.
SCIONTI A.
SCIOSCIA G.
SCIUCA S.
SCIURBA F.
SCIURBA F.
SCLEICH F.
SCOFFIELD J.
SCOPELLITI G.
SCORDARI M.
SCOTT A.
SCOTT D.
SCOTT E.
SCOTT G.
SCOTT H.
SCOTT I.
SCOTT N.
SCOTT R.
SCOTT S.
SCOTTI G.
SCOTTON C.
SCOTTON C.
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SCUREK M.
SCUSSEL A.
SEABRA B.
SEAMAN S.
SEARLE B.
SEARLE J.
SEARS M.
SEBAHI H.
SEBAI A.
SEBASTIÁN A.
SEBASTIAN H.
SEBASTIAN J.
SEBASTIEN B.
SEBERT M.
SEBIO GARCIA R.
SECHER P.
SECHER P.
SEÇKIN Y.
SEDA UYAN Z.
SEDAGHAT M.
SEDDA G.
SEDDON P.
SEDENO M.
SEDKAOUI K.
SEDKI A.
SEDLAK V.
SEE LING T.
SEEBAUER L.
SEEFELDT M.
SEEGER A.
SEEGER W.
SEEHRA J.
SEELIGER B.
SEELIGER B.
SEEMA D.
SEES A.
SEESE B.
SEESEEQUASIS J.
SEESEQUASIS W.
SEEßLE J.
SEETASITH A.
SEFERIAN A.
SEGEL M.
SEGEV-BECKER A.
SEGHERS CARRERA C.
SEGHERS CARRERAS C.
SEGHERS-CARRERAS C.
ŠEGOTA N.
SEGURA ROMERO M.
SEHDEV S.
SEHGAL I.
SEHGAL N.
SEHMI R.
SEIDL E.
SEIFERT B.
SEIFERT M.
SEIGER A.
SEIJO L.
SEITH A.
SEIXAS C.
SEIXAS S.
SEJOURNÉ T.
SEKHANE T.
SEKINE A.
SEKINE A.
SEKIYA K.
SEKIYA Y.
SEKRETNA K.
SEKULIC D.
SELANDER J.
ŠELB J.
SELBY A.
SELBY K.
SELÇUK E.
SELCUK M.
SELÇUK Z.
SELÇUK BALCI M.
SELDAK V.
SELEMIDIS S.
SELEOGLU I.
SELEVESTRU R.
SELIMOĞLU ŞEN H.
SELLAMI I.
SELLAOUTI S.
SELLARES J.
SELLARÉS TORRES J.
SELLER D.
SELLES W.
SELMA M.
SELMANI M.
SELTON-SUTY C.
SELVAM A.
SELVAM S.
SELVARAJAH B.
SELVESTRU R.
SELVI GULDIKEN G.
SEMBRAT J.
SEMENZATO U.
SEMITEKOLOU M.
SEMIZ H.
SEMMLER A.
SEMPLE T.

SEMPLE T.
SEN E.
SEN V.
SENAR GARCÍA M.
SENDEREK T.
ŞENDUR H.
ŞENEL Ö.
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SENESE P.
SENGELØV M.
SENGHOR Y.
SENGOREN DIKIS O.
SENGUPTA A.
SENGUPTA S.
SENGUPTA S.
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SENKARDESLER G.
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SENTHILNATHAN M.
SENTHILNATHAN M.
ŞENTÜRK TOPALOĞLU E.
SEO J.
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SEOW C.
SEPAI O.
SEPE A.
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SEPULVEDA-CACERES N.
SEQUEIRA T.
SEQUEIRA T.
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SERBES M.
SERCAN OZGUR E.
SERCE D.
SEREF PARLAK E.
SEREN O.
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SERGEJEVA S.
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SERJEANT H.
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SERRA P.
SERRANO R.
SERRANO
FERNANDEZ L.
SERRANO PEÑA M.
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SERT F.
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SERTCELIK U.
SERVANDO CARRILLO G.
SESÉ L.
SESTINI P.
SETEMBRE BATAH S.
SETH S.
SETHI J.
ŠETINA ŠMID S.
SETNIKA KIMOVEC G.
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SEVERO DA COSTA M.
SEVIM T.
SEWALD K.
SEWATANON T.
SEWWANDI T.
SEYMORE S.
SEYMOUR J.
SFERRAZZA PAPA G.
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SGARBOSSA T.
SGOUROS J.
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SHABNAM S.
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SHEEHAN R.
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SHEPHERD E.
SHERIDAN C.
SHERIDAN H.
SHERINGHAM J.
SHERLOCK S.
SHERMAN W.
SHERRILL J.
SHERRILL J.
SHERRY A.
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SHERWANI P.
SHETH J.
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SHETMAHAJAN M.
SHETTY N.
SHETTY S.
SHEU M.
SHEVCHUK A.
SHEVCHUK-BUDZ U.
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SHIAU B.
SHIBAMOTO R.
SHIBAYAMA T.
SHIELD T.
SHIELDS S.
SHIGETA A.
SHIGETOSHI M.
SHIH J.
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SHIHAM F.
SHIIHARA J.
SHIM D.
SHIM H.
SHIM J.
SHIMBO D.
SHIMIZU T.
SHIMIZU Y.
SHIMODA M.
SHIMOKAWAHARA H.
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SHINGAI K.
SHINGLES H.
SHINKAI M.
SHIOZAWA A.
SHIRAI T.
SHIRAISHI M.
SHIRAISHI Y.
SHIRATO K.
SHIRIN N.
SHITA G.
SHLOMI D.
SHMUELI E.
SHOAF K.
SHOEMARK A.
SHOHDY M.
SHOMURA T.
SHONAI S.
SHORE J.
SHORE J.
SHORT C.
SHORT P.
SHORT R.
SHORTEN L.
SHOTTON W.
SHOWMARK A.
SHPIRO M.
SHRESTHA N.
SHRESTHA P.
SHRIKRISHNA D.
SHRIMANKER R.
SHRINE N.
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SHUKLA V.
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SHUTO H.
SHUTTLEWORTH M.
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SHVELIDZ K.
SHVETS K.
SHYAMSUNDAR M.
SI X.
SIA L.
SIADOUS N.
SIAW HUI MIN D.
SIBANI M.
SIBILA O.
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SIBINELLI M.
SIBLEY S.
SICHLETIDIS L.

SICILIANI L.
SICILIANO G.
SICILIANO M.
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SIERRA L.
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SIGNES-COSTA J.
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SIGSGAARD T.
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SIM C.
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SIMCOCK SMITH O.
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SIMMONS A.
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SISMANLAR EYUBOGLU T.
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SIVESIND MEHLUM I.
SIVITER E.
SIWAR H.
SIXTO GARCÍA A.
SIYAMBAŞ N.
SKAARA H.
SKAARUP K.
SKAARUP S.
SKÁLA M.
SKALICKÁ V.
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SKAVLAN GODTFREDSEN N.
SKENDULI I.
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SKÖLD M.
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SKORDIA V.
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SLEAP V.
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SOARES BRANDÃO S.
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SOARES DE OLIVEIRA C.
SOARES TRINDADE A.
SOBIECKA M.
SOBOLOV S.
SOBRADILLO P.
SOBRAL REBELO P.
SOBRINO E.
SOCCIO P.
SOCHNIEVA A.
SÖDERBERG S.
SÖDERHÄLL C.
SODSAI P.
SOE W.
SOEBROTO L.
SOEMARWOTO R.
SOENDERGAARD M.
SOESKOV DAVIDOVSKI F.
SOETERBROEK L.
SOGO A.
SOGO SAGARDIA A.
SOH A.
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SÖHLER S.
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SOHRABI K.
SOIBAM P.
SOKA G.
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SOKAL P.
SOKHATSKA O.
SOKOLOVÁ E.
SOKOŁOWSKI R.
SÖKÜCÜ S.
SOLA IDIGORA N.
SOLA-IDIGORA N.
SOLANKI S.
SOLARAT B.
SOLARES ZENDEJAS R.
SOLDATI T.
SOLÉ D.
SOLELHAC G.
SOLER A.
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SOLER X.
SOLER SEGOVIA D.
SOLER-SAMPERE M.
SOLER-SEGOVIA D.
SOLHEIM J.
SOLIDORO P.
SOLIMAN M.
SOLIS-TRAPALA I.
SOLITRO G.
SOLIZ J.
SOLLBERGER V.
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SOLOMON G.
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SOLOVIEVA S.
SOLSONA F.
SOLUM D.
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SOMMER N.
SOMMERLAD J.
SOMMERWERCK U.
SOMMET A.
SOMOGYI P.
SOMOGYI V.
SOMOZA-GONZÁLEZ M.
SOMPRADEEKUL S.
SON E.
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SOON-KEEN LAU K.
SOOROMBAEVA A.
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SORANO A.
SORANTIN M.
SØRENSEN D.
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SOREZE Y.
SORGE C.
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SORGER H.
SORIANO D.
SORICI G.
SORKNÆS A.
SORLEY K.
SÖRMAN A.
SOROUR H.
SORRENTINO R.
SORRIBES M.
SORTO BUESO R.
SOTGIU G.
SOTIROPOULOU V.
SOTIROPOULOU V.
SOTIROPOULOU Z.
SOTO CAMPOS G.
SOTOS SOLANO F.
SOUA S.
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SOUTHCOTT A.
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SOUZA A.
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SOVANI M.
SOVANIMSOVANI M.
SOVIJÄRVI A.
SOVTIC A.
SOYLAR A.
SÖYLEMEZ F.
SÖYLER A.
SOYSAL Ö.
SOYSAL ACAR S.
SPACONE A.
SPACOVA I.
SPADARO G.
SPAETGENS B.
SPAGGOULAKIS, D.
SPAGNOLI B.
SPAGNOLO E.
SPAGNOLO P.
SPAIN N.
SPALGAIS S.
SPALLETTI M.
SPANEVELLO A.
SPANNELLA F.
SPANO J.
SPANO J.
SPATA E.
SPATHIS A.
SPAZIANO G.
SPECHIOTI S.
SPECKS U.
SPEICHER T.
SPEIRS C.
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SPERLING S.
SPEZIA A.
SPICUZZA L.
SPIEGEL S.
SPIEGELBERG D.
SPIERA R.
SPIERTO S.
SPIES S.
SPILLER M.
SPINOU A.
SPIREVSKA L.
SPITALERI D.
SPITALERI D.
SPITERI M.
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SPOELSTRA F.
SPOLETINI G.
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SPOONER L.
SPORTEL E.
SPOTTI M.
SPREAFICO F.
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SPRECHER M.
SPRINGER M.
SPRINKHUIZEN M.
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SPYRATOS D.
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SQUILLACIOTI G.
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SREDOJEVIC M.
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SRICHAROENCHAI T.
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SRINIVASAN K.
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SRIPRASAT T.
SRIVASTAVA A.
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SRIVASTAVA R.
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SRIVATSAN S.
SRIVATSAV S.
SROKA-SAIDI K.
SSEGONJA R.
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ST. PIERRE C.
STAALI M.
STAATS R.
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STACEY R.
STACHOWIAK Z.
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STACKS D.
STADHOUDERS R.
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STADS S.
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STÆHR JENSEN* J.
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STATON T.
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STEMMER A.
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STEPANOVSKI A.
STEPHAN S.
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STERINGER-MASCHERBAUER R.
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STOYNOVA V.
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STRAATMAN-IWANOWSKA A.
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STRANDKVIST V.
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STROSBERG J.
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STUBBE B.
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SUTHERLAND A.
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SUTTON A.
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SUYAMA T.
SÜZEN I.
SUZUE R.
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SUZUKI Y.
SVANES C.
SVANIDZE T.
SVATON M.
SVEDMYR S.
SVENNINGSEN S.
SVENSSON A.
SVENSSON J.
SVENSSON-RASKH A.
SVERRILD A.
SVERZELLATI N.
SVETINA M.
SVILAROV I.
SVOBODA M.

SVOBODOVÁ B.
SWAIN K.
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SWAMINATHAN A.
SWAMINATHAN N.
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SWARNAKAR R.
SWEATT A.
SWEED R.
SWEENEY A.
SWEENEY C.
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SWINGWOOD E.
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SZANTHO A.
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TAGUCHI Y.
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TAPAN U.
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TAPIERO B.
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TARIQ A.
TARIQ H.
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TAŞKIN GÜREL B.
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TEPER A.
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TERRANEO S.
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TERSCHLUSE C.
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TESÁN AZNAR I.
TESAŘOVÁ Ž.
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TESCIONE M.
TESSIER P.
TESTELMANS D.
TEVES J.
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THABARET K.
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THEVASAGAYAM R.
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THORLEY R.
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THORNTON T.
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THORSTEN JENSEN M.
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TIAHLO S.
TIAN G.
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TIBBLE H.
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TIBILETTI M.
TIBREA M.
TIDDENS H.
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TIEDEMAN C.
TIELEMANS B.
TIELKE S.
TIEMANN M.
TIEMERSMA E.
TIENDREBEOGO J.
TIETZOVA I.
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TIKKAKOSKI A.
TIKKAKOSKI A.
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TILEKOVA F.
TILLEY J.
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TILLEY L.
TIMENS W.
TIMM S.
TIMMER M.
TIMMERMANN H.
TIMMESFELD N.
TIMMIS H.
TIMMS I.
TIMOTHY A.
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TINNIRELLO R.
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TIRAFERRI V.
TIRAN B.
TIRELLI C.
TIRONE C.
TISCHER C.
TISI S.
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TITLESTAD I.
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TIWAR P.
TIWARI P.
TIWARI V.
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TODISCO F.
TODO BOM F.
TODO-BOM F.
TODORIKO L.
TODOROV T.
TODOROVIĆ N.
TODOROVIC FABRO A.
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TOFFOLUTTI V.
TOFOLI T.
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TOKUNAGA Y.
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TOLEDO N.
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TONBULOGLU ALTINER O.
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TORRALBA Y.
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TORRES MUGA M.
TORRES ROJAS M.
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TORRES* A.
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TORRES-DUQUE C.
TORRES-LACOMBA M.
TORRES-SÁNCHEZ I.
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TORU ERBAY U.
TORUN S.
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TORVISCO TELLO A.
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TOURKI B.
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TOUSHEED S.
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TOWNSHEND J.
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TOYOSHIMA S.
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TRAKADA G.
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TRAMPER-STRANDERS G.
TRAMPER-STRANDERS G.
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TRAN V.
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TRAN-VAN N.
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TREVISI L.
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TRIER-MØRCH L.
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TRIGIANI M.
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TRINDADE P.
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TRINH H.
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TRINKMANN F.
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TRIPI S.
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TRISÁN-ALONSO A.
TRISCHLER J.
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TRITTON T.
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TROFIMOVA S.
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TROMBIN L.
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TRONCOSO-ACEVEDO F.
TRONO G.
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TROUSSARD X.
TROWER M.
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TRUCCO F.
TRUCHETET M.
TRUCKENMÜLLER R.
TRUCKENMÜLLER R.
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TRUDZINSKI F.
TRUDZINSKI F.
TRUJILLO P.
TRUJILLO-MORALES J.
TRÜMPELMANN M.
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TRUONG V.
TRUSCOTT H.
TRUYEN L.
TRYFON S.
TRYFONIDOU A.
TRZEPIZUR W.
TSAGKARIS I.
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TSAKNIS G.
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TSANEVA-ATANASOVA K.
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TUNCA V.
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TUNCER T.
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TURA-CEIDE O.
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TURAN TASOLAR F.
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TURCO F.
TURCONI G.
TURGUT B.
TURGUT H.
TURĞUT M.
TÜRK Y.
TURKALJ M.
TÜRKAR A.
TURKKAN S.
TÜRKKANI M.
TÜRKMEN KAYA H.
TURKO R.
TÜRKOĞLU T.
TURLO A.
TURLYUN T.
TURNA A.
TURNBULL A.
TURNER A.
TURNER L.
TURNER L.
TURNER M.
TURNER M.
TURNER M.
TURNER R.
TURNER R.
TURNER W.
TURQUIER S.
TURRIANI E.
TURSI F.
TURUNEN T.
TURVEY S.
TUTA-QUINTERO E.
TÜTÜNEKEN Y.
TUTUNEKEN Y.
TUTUS N.
TUXANS SERRANO M.
TUYINSENGE V.
TVARKOVSKA A.
TVEEN ANDERSEN L.
TWAGIRUMUGABE T.
TWOMEY E.
TWUMASI S.
TYAGI R.
TYAGI S.
TYRER F.
TZANAKIS N.
TZILAS V.
TZORTZAKI E.
TZOUVELEKIS A.
TZOUVELEKIS A.
TZVIBAN L.

U

UBAGS N.
UBALDI M.
UBEDA A.
UBHI N.
UCCELLI S.
UCGUN H.
UCHOA DA SILVA C.
UCHOA SILVA C.
UÇMAN TUNCER O.
UDDIN M.
UDWADIA Z.
UDWADIA Z.
UEHARA M.

UEKI J.
UEMA Y.
UEMURA T.
UENO K.
UEYAMA M.
UFUK ALTINTAŞ D.
UGONNA K.
UGRAS DIKMEN A.
UĞUR CHOUSEIN E.
UGURLU A.
UGURLU E.
UGURLU E.
UHLÉN M.
UHLÍK J.
UHM K.
UIBU T.
UJJAINIYA R.
ULANDER M.
ULČAR KOSTIĆ S.
ÜLGEN Ö.
ULGU M.
ULIŃSKI R.
ÜLKER EKŞI B.
ULKOSKI D.
ULLAH I.
ULLER L.
ULLMANN N.
ULRICH L.
ULRICH S.
ULRICH S.
ULRICH S.
ULRICHTS H.
ULRIK C.
ULRIK C.
ULU ELABED E.
ULUBAS B.
ULUBAY G.
UM S.
UM BERGSTRÖM P.
UMANETS T.
UM-BERGSTRÖM P.
UMUTLU L.
UNADKAT R.
UNAL E.
ÜNAL F.
ÜNAL F.
UNAL G.
UNDEM K.
UNGARO F.
UNGER A.
UNGER K.
UNGER S.
UNIPHY CLINICAL TRIALS NETWORK ..
ÜNLÜ A.
UNLU B.
ÜNLÜ T.
ÜNLÜER N.
UNNITHAN J.
UNO K.
UNO M.
UNTERMAN A.
UNTERRAINER L.
UOZUMI R.
UPADHYAY H.
UPADHYE A.
UPHAM J.
URANGA ECHEVERRIA A.
URBAN J.
URBANO C.
URBANSKI H.
URDAHL K.
URDANETA E.
ÜREL DEMIR G.
URESHINO R.
URESHINO R.
URHUN E.
URIBARRI GONZÁLEZ A.
URIBE A.
URIBE R.
URIEN S.
URQUHART D.
URQUIDEZ-BAZÚA E.
URQUIOLA TORRES M.
URRA E.
URRELO CERRÓN L.
URROZ GUERRERO P.
URRUTIA GAJATE A.
URRUTIA PEREIRA M.
URSAVAŞ A.
URSITTI A.
URSO M.
USAI P.
USEMANN J.
USHAKOVA O.
USHIKI A.
USLENGHI C.
USLENGHI C.
USLU B.
USLU N.
USMANI O.
USMANI O.
USMANOVA R.
USSETTI GIL P.
USTINOV S.
UTINE G.
UTRILLA MARCHAND J.
UTRILLO-MONTAGUT L.
UWAGBOE I.
UWAMAHORO D.
UY T.
UYAMA M.
UYAN Z.
UYAROGLU M.
UYS S.
UYSAL D.
UYSAL M.
UYSAL M.
UYSAL Ö.
UYSAL R.
UYSAL S.
UYTUN S.
UZASLAN E.
UZER F.
UZUM O.
UZUN I.
UZUNER N.
UZUNHAN Y.
UZUNOĞLU B.
UZZAMAN N.
V
V R.
V. CHRISTOPHERSEN A.
V. HARDENBERG S.
VAAL M.
VACA R.
VACA MOLINA R.
VACA-CARTAGENA B.
VACCARO F.
VACCARO V.
VACHIÉRY J.
VADALA R.
VADÁSZ I.
VADILLO-FONT C.
VADIVELU G.
VADORI M.
VADUGANATHAN M.
VAES A.
VAES A.
VAFAI-TABRIZI F.
VAGAGGINI B.
VAGG T.
VAGHEGGINI G.
VAGO V.
VÄHÄKANGAS K.
VÄHÄNIKKILÄ H.
VAHTERISTO M.
VAIDYA A.
VAIRAMANI P.
VAITUKAITIENE G.
VAL F.
VALACH C.
VALAPPIL S.
VALASARAJAN C.
VALDERRÁBANO SALAS B.
VALDÉS MORENO M.
VALDÉS MORENO M.
VALDES-CAMACHO S.
VALDESOIRO L.
VALE A.
VALE S.
VALENCIC E.
VALENTA R.
VALENTE C.
VALENTE D.
VALENTE J.
VALENTE J.
VALENTI D.
VALENTI G.
VALENTIM R.
VALENTÍN A.
VALENTIN J.
VALENTIN S.
VALENTIN V.
VALENTOVA BARTAKOVA L.
VALENZA C.
VALENZA M.
VALENZA PEÑA G.
VALENZUELA C.
VALENZUELA P.
VALERIO V.
VALERY S.
VALES VEIGA A.
VALIDO MORALES A.
VALIPOUR A.
VALIYAKATH PUTHIYAMALIYAKKAL R.
VALKÓ L.
VALL-CASAS P.
VALLE N.
VALLE S.
VALLE S.
VALLEJO J.
VALLEJOS A.
VALLESE G.
VALLIANOU N.
VALLIN L.
VALORIANI F.
VALOVATSKY E.
VALSALAN K P.
VALSAN G.
VALSECCHI C.
VALSECCHI L.
VALSECCHI P.
VALTONEN M.
VALVASON R.
VALVERDE NOVILLO C.
VALVERDE-MOLINA J.
VAMVAKARIS I.
VAN ACKER L.
VAN AMSTEL R.
VAN ARKEL C.
VAN AS-JANSSEN A.
VAN BAKEL S.
VAN BEURDEN W.
VAN BEURDEN-MOESKOPS W.
VAN BIERVLIET S.
VAN BINSBERGEN B.
VAN BOMMEL J.
VAN BOMMEL J.
VAN BOUWEL J.
VAN BOVEN J.
VAN BOVEN J.
VAN BRAAK H.
VAN BRAECKEL E.
VAN BULCK L.
VAN CAUWENBERGE H.
VAN DAELE S.
VAN DAMME K.
VAN DASSELAAR R.
VAN DE BERGE M.
VAN DE VELDE A.
VAN DE VEN J.
VAN DEN AARDWEG J.
VAN DEN AKKER-VAN MARLE M.
VAN DEN BEMT P.
VAN DEN BERG J.
VAN DEN BERG J.
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VAN DEN BERG S.
VAN DEN BERG S.
VAN DEN BERGE M.
VAN DEN BERGH J.
VAN DEN BERGH J.
VAN DEN BORST B.
VAN DEN BOSCH W.
VAN DEN BOSSCHE S.
VAN DEN BRAND J.
VAN DEN ELZEN R.
VAN DEN HENGEL J.
VAN DEN HEUVEL M.
VAN DEN HEUVEL P.
VAN DEN WIJNGAART L.
VAN DER BURG N.
VAN DER DOES A.
VAN DER GIESSEN J.
VAN DER HEIJDEN E.
VAN DER HEIJDEN E.
VAN DER HEIJDEN E.
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VAN DER KOOG L.
VAN DER KRIEKEN T.
VAN DER KROEF A.
VAN DER KROEF A.
VAN DER LAND V.
VAN DER LEE M.
VAN DER MATEN J.
VAN DER MATEN J.
VAN DER MEER A.
VAN DER MEER J.
VAN DER PALEN J.
VAN DER PALEN J.
VAN DER POL S.
VAN DER POLL T.
VAN DER RAUWELAERT J.
VAN DER SAR I.
VAN DER SMAGT J.
VAN DER STERREN W.
VAN DER VALK P.
VAN DER VEEN W.
VAN DER VEER T.
VAN DER VELDE P.
VAN DER VELDEN A.
VAN DER VELDEN H.
VAN DER VIS J.
VAN DER WERF H.
VAN DER WERF Y.
VAN DER WIELEN M.
VAN DER ZALM M.
VAN DER ZALM M.
VAN DER ZEE A.
VAN DIEPEN S.
VAN DIEREN L.
VAN DIJK L.
VAN DIJK M.
VAN DIJK S.
VAN DIJK S.
VAN DONGEN G.
VAN DORMOLEN S.
VAN DORP M.
VAN DUUREN I.
VAN ES J.
VAN EWIJK B.
VAN EYCK A.
VAN GANSBEKE T.
VAN GANSE E.
VAN GEER-POSTMUS I.
VAN GEFFEN C.
VAN GEFFEN W.
VAN GEFFEN W.
VAN GELDER M.
VAN GENDEREN M.
VAN GENDEREN M.
VAN GENUGTEN J.
VAN GOMPEL G.
VAN GOSLIGA D.
VAN GOSLINGA D.
VAN GOUDOEVER J.
VAN HAREN F.
VAN HAVER D.
VAN HEES A.
VAN HEES H.
VAN HEES H.
VAN HEES J.
VAN HELMONDT S.
VAN HELVOORT A.
VAN HENGEL J.
VAN HENGEL O.
VAN HERCK J.
VAN HERCK M.
VAN HEUMEN S.
VAN HEURN L.
VAN HOOF E.
VAN HOORENBEECK K.
VAN HORCK M.
VAN HUIZEN L.
VAN HULLE F.
VAN IERSEL L.
VAN INGEN J.
VAN KAMPEN V.
VAN KAN C.
VAN KERKHOVE O.
VAN KERSEN W.
VAN KRIMPEN S.

VAN KRIMPEN S.
VAN LAARHOVEN A.
VAN MAANEN P.
VAN MEERBEECK J.
VAN MEERBEECK J.
VAN MELICK P.
VAN MOORSEL C.
VAN MOORSEL C.
VAN MUYLEM A.
VAN NIEKERK M.
VAN NIEKERK M.
VAN NIEUWENHUIZEN D.
VAN OLMEN J.
VAN OOST N.
VAN OOSTERHOUT M.
VAN ORSHOVEN K.
VAN OSCH F.
VAN POELGEEST J.
VAN POTTELBERGE G.
VAN RAEMDONCK D.
VAN RAEMDONCK D.
VAN RAEMDONCK I.
VAN RAEMDONCK I.
VAN RIETSCHOTEN T.
VAN RIJSWIJK H.
VAN RIJSWIJK H.
VAN ROSSUM E.
VAN ROSSUM P.
VAN ROY F.
VAN SCHAIK R.
VAN SCHIL P.
VAN SCHUPPEN J.
VAN SLAMBROUCK J.
VAN SLUIJS E.
VAN 'T HUL A.
VAN TIEGHEM M.
VAN TONGEREN M.
VAN UNEN V.
VAN VAERENBERGH F.
VAN VEEN A.
VAN VELZEN M.
VAN VLEET J.
VAN WATERSCHOOT J.
VAN WESEMAEL S.
VAN WEZENBEEK J.
VAN WOENSEL J.
VAN ZELLER M.
VAN ZELM M.
VANAUDENAERDE B.
VANAUDENAERDE B.
VANCHERI C.
VANDAMME N.
VANDE SANDE L.
VANDE WEYGAERDE Y.
VANDEN BERGHE T.
VANDEN BOSSCHE L.
VANDER BORGHT T.
VANDER HEIDEN J.
VANDER LINDEN H.
VANDERLINDEN B.
VANDERSTEEN G.
VANETTI M.
VANFLETEREN L.
VANFLETEREN L.
VANG GUNDERSEN B.
VANHAVERBEKE K.
VANHEERSWYNGHELS M.
VANLUYTEN C.
VANNACCI A.
VANOIRBEEK J.
VANOVERSCHELDE A.
VANSTAPEL A.
VANTIUKH N.
VAN-TONGEREN M.
VANTSI P.
VANUYTRECHT Y.
VANVUCHELEN L.
VAQUERIZO-VILLAR F.
VARAS DE LA FUENTE A.
VARAS DE LA FUENTE A.
VARCHENKO Y.
VARCOE B.
VARDAR YAGLI N.
VARDAR-YAGLI N.
VARDI Y.
VARELA B.
VARENYIOVA Z.
VARGA B.
VARGA F.
VARGA J.
VARGA J.
VARGAS G.
VARGAS N.
VARGAS URSÚA F.
VARGAS-RAMÍREZ L.
VARGAS-URSÚA F.
VARGHESE C.
VARGHESE D.
VARGHESE D.
VARHAN B.
VARIAN F.
VARISLI DUMAN S.
VÁRKONYI I.
VARLESE M.
VARNFIELD M.
VAROL Y.
VARONE F.
VARRASO R.
VARRAY A.
VARRICCHI G.
VARSAMAS C.
VARTAK S.
VARUDHESE A.
VARUGHESE A.
VARUNKIV O.
VASANKARI T.
VASARMIDI E.
VASCONCELLO-CASTILLO L.
VASELLI M.
VASIETE GARCÍA Y.
VASILESCU D.
VASILESCU D.
VASILESCUE D.
VASILIAUSKAITE L.
VASILIAUSKAS G.
VASILOPOULOS A.
VASKO A.
VASQUEZ J.
VASQUEZ J.
VASQUEZ Z.
VÁSQUEZ PACHECO E.
VÁSQUEZ-ANDRADE R.
VASQUEZ-PACHECO E.
VASSALLO S.
VASSE G.
VASSILEVA S.
VASSILIOU A.
VASWANI C.
VASYLĖ E.
VASYLENKO N.
VATHIOTIS I.
VATRELLA A.
VATSELLAS G.
VAUDAN S.
VAUGHAN M.
VAUTERIN D.
VAUTERIN D.
VAVOUGIOS G.
VAVOURAKIS V.
VAYVADA M.
VAZ S.
VAZ V.
VAZ RODRIGUES L.
VAZE V.
VAZQUEZ J.
VÁZQUEZ N.
VÁZQUEZ DOMÍNGUEZ J.
VÁZQUEZ ESPINOSA E.
VÁZQUEZ FIGUEROA A.
VÁZQUEZ MERA S.
VAZQUEZ SANCHEZ R.
VAZQUEZ-ARMENDARIZ A.
VÁZQUEZ-GANDULLO E.
VÁZQUEZ-LÓPEZ S.
VÁZQUEZ-MERA S.
VECCHIO G.
VECCHIONE A.
VEDDER N.
VEDOVELLO M.
VEENSTRA S.
VEERAPANENI V.
VEERAPANENI V.
VEGA M.
VEGA LIZARAZO D.
VEHRESCHILD J.
VEHRESCHILD J.
VEIEROD SOLLI P.
VEIT T.
VEITH M.
VEKARIA G.
VEKOVIC V.
VELA E.
VELASCO C.
VELASCO ALZATE K.
VELASCO GARRIDO J.
VELASCO MARTIN J.
VELASCO MUÑOZ C.
VELASCO SUAREZ C.
VELASCO-GARRIDO J.
VELASQUEZ C.
VELAYUTHASWAMY N.
VELDHOE S.
VELDMAN A.
VELDMAN C.
VELE A.
VELEPEC T.
VELEWITHARAMALAGE M.
VÉLEZ MENIS E.
VELICHKOVA S.
VÉLIZ FLORES I.
VELJKOVIC A.
VELLA A.
VELLA G.
VELLIYOTTILLAM G.
VELLOSO L.
VELRAJ K.
VELTKAMP M.
VELTKAMP M.
VELTKAMP M.
VENA D.
VENDRELL M.
VENERONI C.
VENERONI* C.
VENKATA KASIRAM G.
VENKATAPEN D.
VENKATESAN A.
VENKATESH A.
VENNARD H.
VENTURA A.
VENTURA L.
VENTURA M.
VENTURELLI M.
VERA E.
VERA F.
VERA PILA A.
VERA URIBE R.
VERACHTERT N.
VERANI E.
VERARDO M.
VERA-URIBE R.
VERBANCK S.
VERBEKE K.
VERBOTEN KOPRIVA R.
VERBRAECKEN J.
VERCAUTEREN S.
VERCOULEN J.
VERDEREAU Z.
VERDURI A.
VERDY G.
VEREIJKEN B.
VERELST E.
VERGANI K.
VERGES S.
VERGHESE P.
VERGILOVA G.
VERGLES M.
VERGNENEGRE A.
VERHAEGEN J.
VERHAEGHE C.
VERHAMME K.
VERHEGGE M.
VERHEYEN N.
VERHEYEN T.
VERHILLE J.
VERHOEVEN R.
VERHOEVEN R.
VERHOEVEN R.
VERHOEVEN R.
VERHULST S.
VERIGOS E.
VERKHOVODOVA Y.
VERLEDEN G.
VERLEDEN S.
VERLEDEN S.
VERMA A.
VERMA A.
VERMA B.
VERMA M.
VERMA N.
VERMA S.
VERMA U.
VERMANDEL A.
VERMANT M.
VERMAUT A.
VERMEER S.
VERMEERSCH K.
VERMEULEN F.
VERMEULEN I.
VERMEULEN R.
VERMEULEN R.
VERNAY E.
VERNAZ J.
VERNON B.
VERONESE A.
VERONESE C.
VERONESI E.
VERRI B.
VERSARI D.
VERSCHRAEGEN S.
VERSCHUUR E.
VERSI A.
VERSTIUK O.
VERSTRAETE K.
VERTOMMEN D.
VERYKAKIS E.
VESETH S.
VESTBO J.
VESTERLEV D.
VETHANAYAGAM D.
VETTER C.
VETTUKATTIL R.
VEXINA M.
VEYT N.
VÉZINA F.
VEZIR D.
VEZIRIS N.
VEZZOSI M.
VHORA H.
VHORA H.
VIALLE R.
VIANA D.
VIANA R.
VIANELLO A.
VIARD-RETUR D.
VICCARO F.
VICENDESE D.
VICENS ZYGMUNT V.
VICENS-ZYGMUNT V.
VICENTE C.
VICENTE HERNANDO P.
VICENTIN M.
VICENZI M.
VICHIENDILOKKUL A.
VIDAL S.
VIDAL ORTOLÁ M.
VIDALE J.
VIDALI J.
VIDELA A.
VIEBKE A.
VIEGAS B.
VIEGAS P.
VIEGI G.
VIEIRA A.
VIEIRA A.
VIEIRA L.
VIEIRA M.
VIEIRA R.
VIERA L.
VIETRI L.
VIGANÒ M.
VIGANÒ M.
VIGANÒ O.
VIGIER C.
VIGIL LÓPEZ C.
VIGLIAROLO R.
VIGLINO J.
VIGNA M.
VIGNANI M.
VIGNERA F.
VIGO B.
VIGUS A.

VIJ A.
VIJAYAKUMAR B.
VIJDEA R.
VIJVERBERG S.
VIJVERBERG S.
VIJVERBERG S.
VIJVERBERG S.
VIKFJORD S.
VILA A.
VILA M.
VILÀ S.
VILA FORNELLS A.
VILA-FORNELLS A.
VILAIA A.
VILAR MARINHO R.
VILARIÇA A.
VILARÓ J.
VILARÓ CASAMITJANA J.
VILIGORSKA K.
VILLA A.
VILLA A.
VILLA M.
VILLALBA D.
VILLALOBOS R.
VILLAMAÑÁN E.
VILLANO E.
VILLANUEVA C.
VILLANUEVA G.
VILLANUEVA I.
VILLANUEVA M.
VILLAR A.
VILLAR J.
VILLAR J.
VILLAR ÁLVAREZ F.
VILLAR GÓMEZ A.
VILLAR-ÁLVAREZ F.
VILLARREAL M.
VILLAS-BOAS B.
VILLASMIL HERNANDEZ N.
VILLEJO S.
VILLENEUVE T.
VILLETTI G.
VILOTIJEVIC DAUTOVIC G.
VILSTRUP F.
VILTSANIUK O.
VIÑA J.
VINALL E.
VINALS L.
VINCENT C.
VINCENT J.
VINCENT R.
VINCENT S.
VINCENT S.
VINCENT-DELORME C.
VINCZE K.
VINETTI G.
VINHAS M.
VINISKO R.
VIOLA P.
VIOLANTE A.
VIOLI V.
VIRCHOW C.
VIRCHOW J.
VIRK H.
VÍRSEDA CARRASCO L.
VISCA D.
VISCIGLIA A.
VISCONTI N.
VISENTIN E.
VISINESCU B.
VISONÀ M.
VISSANI G.
VISSCHER F.
VISSER A.
VISSER A.
VISSER E.
VISSER L.
VISSERS D.
VISWANATHAN H.
VITA A.
VITACCA E.
VITACCA M.
VITALINI A.
VITARELLI F.
VITIELLO F.
VITTE J.
VITTORAKIS S.
VITULLO P.
VIVARELLI E.
VIVATVAKIN S.
VIVEK K.
VIVIAN P.
VIZIRIANAKI S.
VIZIRIANNAKI S.
VIZZA D.
VLAANDEREN J.
VLACHANTONI I.
VLACHANTONI I.
VLACHOS H.
VLACHOU M.
VLAHOS R.
VLASMA J.
VLEMINCX E.
VLIES B.
VLOT J.
VO H.
VOCHT F.
VOCOS M.
VOET H.
VOGEL P.
VOGELBERG C.
VOGEL-CLAUSSEN J.
VOGELMEIER C.
VOGELMEIER C.
VOGELMEIER C.
VOGIATZIS I.
VOGL T.
VOGNSEN A.
VOGRIN S.
VOHLEN C.
VOISIN T.
VOJINOVIC D.
VOLAKOVA E.
VOLKERS S.
VOLKMAN H.
VOLKMANN E.
VOLLENWEIDER P.
VOLLMER BARBOSA P.
VOLLSÆTER M.
VOLNYTSKA K.
VOLOBUIEVA O.
VOLOSCHUK I.
VOLPATO E.
VOLPATO F.
VOLPE L.
VOLPE M.
VOLPE M.
VOLPICELLI G.
VÖLTER F.
VOLTOLINI L.
VOMVAS D.
VON BUELOW A.
VON BÜLOW A.
VON GARNIER C.
VON GRÜNIGEN K.
VON LAFFERT M.
VON LEUPOLDT A.
VON MUTIUS E.
VON WACHENFELDT K.
VON WULFFEN W.
VONBANK K.
VONK J.
VONK J.
VONK M.
VONK M.
VONK NOORDEGRAAF A.
VONK-NOORDEGRAAF A.
VONK-NOORDERGRAAF A.
VONTETSIANOS A.
VOORN S.
VOROBEVA E.
VOS G.
VOS R.
VOSKREBENZEV A.
VOß A.
VOSSEN C.
VOSSEN D.
VOUIS T.
VOULGARIS P.
VP R.
VR R.
VRANOVA M.
VRIJHEID M.
VRISEKOOP N.
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YORDANOV P.
YORGANCIOGLU A.
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YORKE J.
YOROZUYA T.
YORUK B.
YOSEF N.
YOSHIDA H.
YOSHIDA K.
YOSHIDA M.
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YOSHIDA M.
YOSHIDA Y.
YOSHII A.
YOSHIKAWA K.
YOSHIMURA S.
YOSHIMURA S.
YOSHIYAMA A.
YOSHIZAKI K.
YOSHIZAWA A.
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YOSRA A.
YOSRI M.
YOU K.
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YOUNAS M.
YOUNG D.
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YOUSSEF A.
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YOZGHATLIAN V.
YRLID L.
YSERBYT J.
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YUCE OZDEMIR H.
YÜCEL Z.
YUE H.
YUJEN C.
YÜKSEL A.
YUKSEL E.
YUKSEL H.
YÜKSEL M.
YÜKSEL KALYONCU M.
YÜKSEL YAVUZ M.
YUMOTO K.
YUMRUKUZ ŞENEL M.
YUN C.
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YUNXIAO L.
YUSTE-SÁNCHEZ M.
YUSUF A.
YUTTHANA N.
YUVARAJAN S.
YUZON J.
Z
ZAAT C.
ZABERT I.
ZABINI D.
ZABOST A.
ZACH V.
ZACHARASIEWICZ A.
ZACHARIAS A.
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ZAFAR A.
ZAFAR H.
ZAFEIRIDIS A.
ZAFFINA S.
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ZAGHLOUL S.
ZAHID A.
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ZAHIRI R.
ZAHONERO E.
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ZAIKOV S.
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ZAIRI S.
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ZAIZEN M.
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ZEVALLOS VILLEGAS SLEEP RESPIRATORY DISORDERS UNIT. HOSPITAL CLÍNICO SAN CARLOS, MADRID, SPAIN A.
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ZIELEN S.
ZIELIŃSKA-KRAWCZYK M.
ZIELINSKI N.
ZIHERL K.
ZILFIDIS L.
ZILIANTI C.
ZILLI VIEIRA C.
ZIMMER A.
ZIMMERMANN M.
ZIMMERMANN M.
ZIMMERMANN T.
ZINGONE F.
ZINKIN E.
ZINS M.
ZIOU M.
ZIREK F.
ZIRILLI G.
ZIRPOLI S.
ZISIS C.
ZISMAN L.
ZISSEL G.
ZISSLER U.
ZISSLER U.
ZITO G.
ZIV E.
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ZIVANOVIC S.
ZIVKOVIC Z.
ZLAMAL F.
ZLOTNIC A.
ZLOTNIK A.
ZNEGUI T.
ZNEUGUI T.
ZOBEL C.
ZOGLER A.
ZÖHERE B.
ZOLIN A.
ZOLLER T.
ZOMER-VAN OMMEN D.
ZOPELARI L.
ZORLU D.
ZOSKY G.
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ZOUMOT Z.
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ZOUNEMAT-KERMANI N.
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ZOURIDAKI A.
ZOVKO T.
ZOZ D.
ZRIBI H.
ZSCHOCKE A.
ZSEMLYE E.
ZUBAIR M.
ZUBAIR S.
ZUBAN A.
ZUBERI R.
ZUCCO R.
ZUCCOTTI G.
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ZUGARO V.
ZUIL M.
ZUIL MARTIN M.
ZUKOWSKA J.
ZULFIKAR S.
ZULFIQAR S.
ZULKIFLI M.
ZULKIFLI N.
ZULUETA J.
ZUNICA F.
ZUÑIGA M.
ZUÑIGA QUÍLEZ S.
ZUO W.
ZUO W.
ZUO X.
ZUOHONG W.
ZUPANIC T.
ZUR HEIDEN A.
ZURAWSKI A.
ZUREIK M.
ZUURBIER J.
ZVER A.
ZWAVELING S.
ZWEERS B.
ZWICK R.
ZWIENER R.
ZWIJSEN K.
ZWITSERLOOT A.
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ZYSMAN M.

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