

EAACI Congress 2019

SCIENTIFIC PROGRAMME HIGHLIGHTS



1-5 JUNE 2019

Lisbon, Portugal

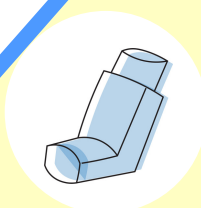
WWW.EAACI.ORG

“Mapping the new world of allergy” at EAACI Congress 2019

This year we will offer you an innovative scientific programme, articulated around the theme of: “Mapping the new world of allergy: towards precision medicine in allergy and asthma”. Explore some of the key topics and issues that will be discussed...

Biologics and small molecules: therapeutic effects and mechanisms of available targeted therapies for severe asthma.

Biomarkers: monitoring treatment response and allowing the identification of responders to targeted therapies.



Asthma

State of the Art of current and novel approaches of allergen immunotherapy.

Recent EAACI efforts in improving clinical trials designs in the era of evidence-based medicine.

Unmet needs in allergen immunotherapy research.



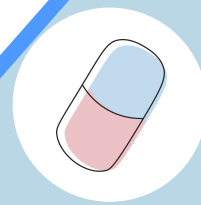
Allergen immunotherapy

Immune tolerance in the gut. The relevance of the exposome. New treatment directions: the use of allergoids, recombinant allergens, conventional sublingual, subcutaneous, and epicutaneous allergen immunotherapy treatment.



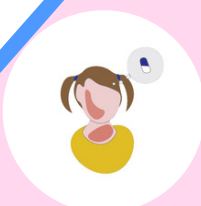
Food allergy

Efficient diagnostic tests, including a novel algorithm for classification of cutaneous manifestations for drug hypersensitivity, and therapeutic approaches for management. Cross-reactivity, new sensitizations, multiple drug hypersensitivity syndrome, the role of viruses.



Drug allergy

The underpinning mechanisms of how neonatal gut microbiota associates with childhood allergy, novel strategies of preventing food allergy by targeting the microbiome. Prevention, challenges faced by allergic young adults, development and remission of asthma during childhood.



Pediatrics

Microbial influence on skin inflammation, new treatment modalities in atopic dermatitis e.g. biologics. Skin barrier modulation in atopic dermatitis; upcoming allergens in allergic contact dermatitis; treatment of chronic spontaneous urticaria.



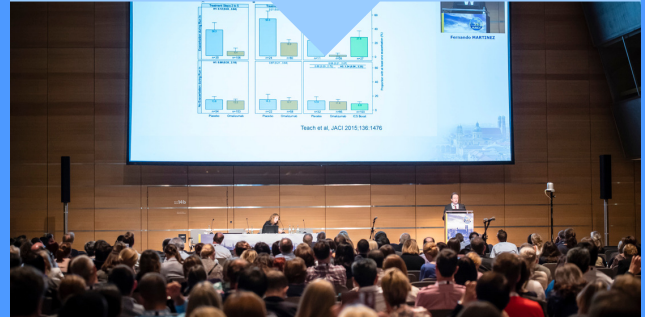
Dermatology

EAACI Congress 2019 features....

- EAACI-UEMS Exam - Pediatric track
- 8 interactive PG Courses
- 2 Special Sessions: Allied Health Day and Luso-Brazilian Joint Symposium



- 7 Plenary Symposia
- 45 Symposia
- 13 Sister Society Symposia
- 3 Interactive Symposia



- 10 Interactive Workshops
- 12 Learning Lounges
- 25 Business Meetings
- 1 EAACI Course: Update and new concepts in basic and translational immunology



- 6 Pro/Con Sessions
- Highlight Sessions in Pro/Con Arena - available for educational grant
- JM Session: Scientific, Educational, Case Report



- 5 Hot Topic sessions
- 6 Year in Review



Scientific Programme Overview

Plenary symposia

New concepts in food allergy

Sunday 2 June

- Immune tolerance in the intestine
- Exposome and food allergy
- Can food allergy be cured?

New insights in skin hypersensitivity

Sunday 2 June

- Pathophysiology: Epidermal barrier and immune imbalance
- What is the impact of the microbiome on atopic dermatitis
- New treatments in the pipeline

Fueling the immunity: from immunometabolism to novel treatment strategies

Monday 3 June

- Innate immune cells and immunometabolism for novel therapeutic interventions
- Metabolic reprogramming in T cells as a target of immunotherapy
- Translating new concepts in metabolomics into allergy interventions

Bio- "logic" approaches in Asthma

Monday 3 June

- Type 2 targeted therapies: Biologicals vs. small molecules
- Non-type 2 asthma: clinical approach and treatment options
- Current biological options for children with asthma & future opportunities

The link between allergy and the microbiome

Tuesday 4 June

- Neonatal gut microbiota, childhood multi-sensitisation and T-cell differentiation
- Influence of Lung microbiome on fungal associated asthma
- Impact of diet-microbiome on mucus barrier and immune disorders

Allergy today - Targeting barriers and tolerance

Tuesday 4 June

- Barrier dysfunction- the "Achilles heel" of allergic diseases?
- Targeting the molecules and mediators - "magic bullets" for allergy treatment
- Biodiversity - is it important for tolerance?

The preliminary programme will be published mid-November.

Allergen Immunotherapy: Conceptualising the future and beyond

Wednesday 5 June

- Aeroallergen AIT: Evidence meets innovations
- Clinical trials: Improving trial designs in the age of evidence based medicine
- Evidence gaps and research priorities in Allergen Immunotherapy

Interactive Postgraduate Courses (IPCG)



Half-day sessions with speaker presentations, designed to provide a thorough review of a special interest area and to enhance peer-to-peer learning and networking. IPCGs can be at the basic level or advanced level, and are merged with visits to the Clinical Village, where attendees can actively try out different procedures and equipment used in the diagnosis and treatment of allergic diseases.

IPGC 1 (Basic): Management of drug hypersensitivity in children

IPGC 2 (Basic): Allergen Immunotherapy

IPGC 3 (Advanced): Implementing molecular allergology and cellular testing in allergy diagnostics 2019

IPGC 4 (Basic): Non-IgE mediated Food Allergy

IPGC 5 (Basic): Practical management of IgE-mediated food allergy

IPGC 6 (Advanced): Understanding Immunological pathways of the new biological therapies

IPGC 7 (Advanced): Big data revolution-integrating various omics datasets

IPGC 8 (Basic): Bronchial provocation challenges for diagnosing exercise-induced asthma in adults

Learning Lounges (LL)



Learning Lounges allow delegates to meet in a small group with outstanding researchers and clinicians. The format is designed to facilitate informal discussions, allowing participants to present their questions and gain new insights. No presentations will be given, instead the participants will have ample time for interaction with the faculty member and their peers.

LL 1: Decision making in prescribing biologicals in children

LL 2: Allergen immunotherapy – Basic and clinical perspective

LL 3: Managing nut allergy

LL 4: What to consider when setting up allergy animal models

LL 5: Treatment Options in severe ocular allergy

LL 6: Educating the food allergic patient for a better QOL: practical issues

LL 7: Implement Component-resolved diagnostics in Allergy

LL 8: Treatable traits in Asthma: Can it predict exacerbations?

LL 9: Anti IgE for treatment of chronic urticaria

LL 10: Which skin tests can be used for delayed cutaneous adverse drug reactions?

LL 11: How to evaluate Lung function in the asthmatic child

LL 12: Endotyping chronic rhinosinusitis for a better treatment approach