



THE INTERNATIONAL SOCIETY OF SYSTEMIC AUTO-INFLAMMATORY DISEASES

ANNUAL MEETING 2023

15 - 18 MAY 2023
TORONTO, CANADA

MONDAY 15 MAY 2023

08:00 - 12:00 Patient Programme

13:10 – 15:30 Pre-Congress Courses

13:10 - 14:10 Genetics for clinicians
Moderated by Linda Hiraki (CA) & Micol Romano (CA)
Speakers: Ivona Aksentijevich (US) and Christian Marshall (CA)

14:10 - 14:30 Coffee break

14:30 - 15:30 Suspected immune dysregulation: Diagnostic approach beyond genetics
Speakers: Dirk Foell (DE) & Kelly Brown (CA)

15:30 - 17:00 Networking for Young Investigators
Fatma Dedeoglu (US)
Roberta Caorsi (IT)
Ovgu Kul Cinar (UK)

17:00 - 18:00 ISSAID General assembly

18:00 - 19:10 Opening ceremony

18:00 - 18:05 President's Address
Helen Lachmann (UK)

18:05 - 18:10 Welcome from Co-Chairs
Ronald Laxer (CA) & Erkan Demirkaya (CA)

18:10 - 18:30 Our genome's insight into medicine and the human condition
Stephen Scherer (CA)

18:30 - 18:50 Miles to go before we sleep
Daniel Kastner (US)

18:50 - 19:10 Awards (presentation of winners)

19:10 - 21:00 Welcome reception

TUESDAY 16 MAY 2023

07:30 - 08:30 Year in review

07:30 - 08:00 Basic Science
Seth Masters (AU)

08:00 - 08:30 Clinical
Paul Brogan (UK)

08:30 – 09:45 Plenary 01: Novel approaches to the treatment of autoinflammatory diseases

08:30 - 08:50 Hematopoietic stem cell transplantation for patients with defined and undefined systemic autoinflammatory diseases
Troy Torgerson (US)

08:50 - 09:10 Genetic therapies for monogenic autoinflammatory disorders
Despina Eleftheriou (UK)

09:10 - 09:30 Gene silencing: possible treatment approach for autoinflammatory diseases
Hasan Uludağ (CA)

09:30 – 09:45 Q&A

09:45 – 10:15 Coffee break

10:15 – 11:30 Parallel 02: Organ specific immune dysregulation

10:15 - 10:35 Autoinflammation and bone disease
Christian Hedrich (UK)

10:35 - 10:55 Autoinflammation and the central nervous system
Susanne Benseler (CA)

10:55 - 11:15 Autoinflammation and the lung
Tiphane Vogel (US)

11:15 - 11:30 Q&A

10:15 – 11:30 Parallel 03: Advanced molecular genetics

10:15 - 10:35 Diagnostic utility of exome sequencing and targeted gene panels in patients with autoinflammatory diseases
Ivona Aksentijevich (US)

10:35 - 10:55 Update on germline genetics in autoinflammatory diseases
Dorota Rowczenio (UK)

10:55 - 11:15 Update on somatic mutations in autoinflammatory diseases

David Beck (US)

11:15 - 11:30 Q&A

11:45 - 12:45 **Sponsored Session by Sobi**

12:45 - 13:30 **Lunch break**

13:30 - 14:45 **Parallel 04: Infection and immune dysregulation**

13:30 - 13:50 COVID-MISC
Rae Yeung (CA)

13:50 - 14:10 Trained immunity
Maziar Divangahi (CA)

14:10 - 14:30 Exploring inflammation in 3D
Julia Pazmandi (AT)

14:30 – 14:45 Q&A

13:30 - 14:45 **Parallel 05: Treatment of autoinflammatory diseases: Looking to the future**

13:30 - 13:50 From the ribosome to the inflammasome and back: the expanding agonist repertoire of the human NLRP1 inflammasome
Franklin Zhong (SG)

13:50 - 14:10 NLRP3 inhibition in the treatment of autoinflammation
Eicke Latz (DE)

14:10 - 14:30 IL-18 inhibition in the treatment of autoinflammatory diseases
Scott Canna (US)

14:30 - 14:45 Q&A

14:45 - 15:45 **Coffee break & Poster tours**

15:45 - 16:45 **Oral communications 1: Clinical**
Abstracts will be selected in February 2023

15:45 - 16:45 **Oral communications 2: Basic translational**
Abstracts will be selected in February 2023

16:45 - 17:45 **Meet the professor 1**

16:45 - 17:45 Behçet disease and its mimics
Ahmet Gul (TR)

16:45 - 17:45 **Meet the professor 2**

16:45 - 17:45 Difficult to treat SoJIA/Adult-onset Still disease
Alexei Grom (US)

WEDNESDAY 17 MAY 2023

07:30 - 08:30 IFN guideline round table
Moderated by Raphaela Goldbach-Mansky (US)

08:30 - 09:45 Plenary 06: Gastroenterology

08:30 - 08:45 Overview of intestinal monogenic immunodysregulation
Holm Uhlig (UK)

08:45 - 09:00 How common is monogenic IBD?
Eileen Crowley (CA)

09:00 - 09:15 ELF4 novel transcriptional regulator of autoinflammation
Carrie Lucas (US)

09:15 - 09:30 SYK novel immune dysregulation with colitis and arthritis
Alexio Muise (CA)

09:30 - 09:45 Q&A

09:45 - 10:15 **Coffee break**

10:15 - 11:30 Plenary 07: What's new in autoinflammation

10:15 - 10:35 ROSAH syndrome: A new disease causing autoinflammation and progressive blindness
Christina Torres Kozycki (US)

10:35 - 10:55 Constitutively active Lyn kinase causes vasculitis and liver fibrosis syndrome
Adriana de Jesus (US)

10:55 - 11:15 Loss-of-function mutations in TBK1 causing systemic autoinflammation
Dusan Bogunovic (US)

11:15 - 11:30 Q&A

12:15 - 13:15 **Sponsored Session by Novartis**

12:45 - 13:30 **Lunch break**

13:30 - 14:45 Parallel 08: Inborn errors of immunity

13:30 - 13:50 Omics in autoinflammation, profiling the abnormal innate immune response
John Tsang (US)

13:50 - 14:10 Identifying new immune mechanisms through common non-coding gene variants
Peter Nigrovic (US)

14:10 - 14:30 Primary immune deficiencies driving autoinflammation
Stuart Turvey (CA)

14:30 - 14:45 Q&A

13:30 - 14:45 Parallel 09: Interferonopathies

13:30 - 13:50 Overview of the biology of Type I and Type II interferons and IFN response genes as indicators of cell stress
Ali Ashkar (CA)

13:50 - 14:10 Novel immune dysregulatory diseases and disease mechanisms that cause Type I interferonopathies
Sophia Davidson (AU)

14:10 - 14:30 Interferon-gamma a driver of autoinflammatory and immune dysregulatory diseases
Fabrizio De Benedetti (IT)

14:30 - 14:45 Q&A

14:45 - 15:45 Coffee break & Poster tours

15:45 - 16:45 Oral communications 3: Clinical
Abstracts will be selected in February 2023

15:45 - 16:45 Oral communications 4: Basic translational
Abstracts will be selected in February 2023

16:45 - 17:45 Meet the professor 3

16:45 - 17:45 Vaccination
Helen Lachmann (UK)

16:45 - 17:45 Meet the professor 4

16:45 - 17:45 Amyloidosis and other FMF Pearls
Seza Ozen (TR)

19:30 - 21:00 Gala Dinner

THURSDAY 18 MAY 2023

07:30 - 08:30 IL-1 guideline round table
Moderated by Marco Gattorno (IT)

08:30 - 09:45 Plenary 10: Clinical trials in autoinflammatory diseases

08:30 - 08:50 Clinical trials in autoinflammatory diseases: The good, the bad and the ugly
Helen Lachmann (UK)

08:50 - 09:10 The use of biologics and biosimilars in autoinflammatory diseases:
Where are we now and what is the future?
Hal Hoffmann (US)

09:10 - 09:30 Treat to target in autoinflammation
Jasmin Kuemmerle-Deschner (DE)

09:30 - 09:45 Q&A

09:45 - 10:15 Coffee break

10:15 - 11:30 Plenary 11: New frontiers

10:15 - 10:35 Targeted death pathways in autoinflammatory disorders
inflammatory signatures
Kate Schroeder (AU)

10:35 - 10:55 Autoinflammation and aging
Sinisa Savic (UK)

10:55 - 11:15 Through thick and thin: expanding the IL-6 family of autoinflammatory skin diseases
Lori Broderick (US)

11:15 - 11:30 Q&A

11:30 - 12:30 Oral communications 5: Clinical
Abstracts will be selected in February 2023

11:30 - 12:30 Oral communications 6: Basic translational
Abstracts will be selected in February 2023

12:30 - 13:00 Closing and young investigator award presentation