

CELLS AND PATHWAYS OF THE IMMUNE SYSTEM

08:55 – 09:00 **Antonio Lanzavecchia**
Istituto Nazionale Genetica Molecolare, Milan, Italy
Caetano Reis e Sousa
The Francis Crick Institute, London, UK

Welcome

SESSION 1

09:00 – 09:30 **Carola Viñuesa**
Australian National University,
Canberra, Australia
A novel player in human immune tolerance

09:30 – 10:00 **Hedda Wardemann**
DKFZ, Heidelberg, Germany
The human antibody response to a repetitive parasite protein

10:00 – 10:30 **Ido Amit**
Weizmann Institute, Rehovot, Israel
The power of ONE: Immunology in the age of single cell genomics

Break

11:00 – 11:30 **Andrea Ablasser**
EPFL, Lausanne, Switzerland
Regulation of innate DNA sensing

11:30 – 12:00 **Katja Simon**
University of Oxford, UK
Cell-extrinsic role of autophagy in inflammation

12:00 – 12:30 **Judi Allen**
University of Manchester, UK
Learning from helminths: macrophages in type 2 immunity

SESSION 2

14:00 – 14:30 **Bernard Malissen**
CIML, Marseille, France
Quantitative interactomics of the TCR signal-transduction network and of its co-inhibitors

14:30 – 15:00 **Gitta Stockinger**
The Francis Crick Institute, London, UK
Environmental influences on intestinal homeostasis

15:00 – 15:30 **Henrique Veiga-Fernandes**
Instituto Champalimaud, Lisbon, Portugal
Neuronal regulation of immune fitness

Break

16:00 – 16:30 **Matteo Iannacone**
San Raffaele Scientific Institute, Milan, Italy
Functional biology of hepatic CD8+ T cells

16:30 – 17:00 **Ron Germain**
NIH, Bethesda, USA
Using Advanced Imaging and Computational Modeling to Decipher Immune Function In Situ

17:00 – 17:05 **Antonio Lanzavecchia**
Istituto Nazionale Genetica Molecolare, Milan, Italy
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Concluding remarks

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