

Program

Thursday October 2nd

13:00 Registration, poster set-up

13:00 EMDS Council Meeting

14:45 Opening remarks

15:00-18:00 Session I: Innate immunity and innate immune defects

Chairpersons: Silvano Sozzani, Ulrike Schleicher

15:00-15:35 Stephanie Boisson-Dupuis, France/USA

Genetic predisposition to mycobacterial diseases in human

15:35-16:10 Erik Peterson, USA

Autoimmunity gene Ptpn22 promotes innate anti-microbial responses

16:10-16:25 Victoria Saferding, Austria

The role of microRNA-146a in inflammatory arthritis

Coffee break

16:55-17:30 Mihai G. Netea, The Netherlands

Trained immunity: the adaptive memory characteristics of innate immunity

17:30-17:45 Florence Niedergang, France

HIV-1 infection of macrophages impairs their functions of phagocytosis and activation using various viral factors

17:45-18:00 Vladimir Ryabov, Germany

Stabilin-1 is expressed on early stages of human breast cancer and supports growth of mouse mammary adenocarcinoma

18:00-18:15 Presentation of the bi-annual EMDS Prize

Florent Ginhoux

Dendritic cell and Macrophage ontogeny

Singapore Immunology Network (SIgN)

Agency for Science, Technology and Research (A*STAR)

18:15 Wine and cheese party and poster viewing

Friday, October 3rd

9:00-11:45 Session II: Immune intervention

Chairpersons: Sylvia Knapp, Georg Stingl

9:00-9:35 Jolanda deVries, The Netherlands

Human blood BDCA1⁺ CD14⁺ cells: immune suppressors with dendritic cell features

9:35-10:10 Antonio Celada, Spain

Macrophages and inflammation: can we modify the scenario?

10:10-10:25 Elisabeth Zinser, Germany

Soluble CD83 induces IDO-mediated immune modulation, increases Foxp3+ T cells and inhibits transplant rejection

Coffee break

10:55-11:30 Günther Weiss, Austria
Linkage of iron homeostasis to immune control of infections

11:30-11:45 Gijs Kooij, The Netherlands
Worms to the rescue: Immunomodulation by *Trichuris suis* & implications for Multiple Sclerosis

11:45-12:55 Session III: Autophagy and immunity

Chairperson: Hannes Stockinger

11:45-12:20 N. Tony Eissa, USA
Autophagy in innate immunity

12:20-12:55 Christian Münz, Switzerland
Autophagy proteins in MHC restricted antigen presentation

13:00 Lunch and poster viewing

14:30-16:15 Session IV: Origin, ontogeny and function of macrophages and dendritic cells

Chairperson: Löms Ziegler-Heitbrock

14:30-15:05 Markus Feurer, Germany
Origin of monocytes and macrophages in a committed progenitor

15:05-15:40 Manfred Kopf, Germany
Tissue specific and cell intrinsic signals driving the development of alveolar macrophages

15:40-16:15 Allan Mowat, UK
Development and functions of intestinal macrophages and dendritic cells

Coffee break

16:45-18:05 session V: Transcriptional networks

Chairpersons: Pavel Kovarik, Michael Rehli

16:45-17:20 Joachim L. Schultze, Germany
Transcriptional programming of macrophages: on the way to systems immunology

17:20-17:35 Subhra K. Biswas, Singapore
Transcriptional and molecular characterization of monocyte-macrophage reveals their tumor promoting role in human renal cell carcinoma

17:35-17:50 Franz Kratochvil, USA
Inflammatory signaling blocks M2 associated phenotype in tumor associated macrophages

17:50-18:05 Ilka Knippertz, Germany
Transcriptional regulation of the human CD83 gene in dendritic cells and lymphocytes

18:05-19:30 EMDS Business Meeting

20:00 Dinner at City Hall

Saturday, October 4th

9:00-11:45 Session VI: Signal transduction

Chairpersons: Manuela Baccharini, Amaya Puig Kroger

9:00-9:35 Lena Alexopoulou, France

Endosomal TLR interplay and its relevance to autoimmunity

9:35-10:10 Eicke Latz, Germany

Extracellular functions of inflammasomes

10:10-10:25 Kate Schroder, Australia

The neutrophil NLRC4 inflammasome selectively promotes IL-1 β maturation without pyroptosis during acute Salmonella challenge

Coffee break

10:55-11:30 Carlos Ardavin, Spain

Modulation of defense against *Candida albicans* infection by type I interferon

11:30-11:45 Natasa Kopitar Jerala, Slovenia

Mechanisms of caspase 11 upregulation in stefin B (cystatin B) deficient mice

11:45-12:50 Session VII: Local immunity

Chairperson: Wilfried Ellmeier

11:45-12:00 Sancho David, Spain

Cross-presenting dendritic cells are crucial for the generation of resident memory CD8⁺ T cells

12:00-12:15 Elisabeth Glitzner, Austria

Specific roles for dendritic cell subsets during initiation and progression of psoriasis

12:15-12:50 Percy Knolle, Germany

Liver immunity in protection against virus infection

12:50 Closing remarks