

# Program

**Monday, June 24**

## Opening Remarks:

10:00 **Tadashi Yamamoto**, Director, RIKEN IMS

## Session I: INFLAMMATION, RESOLUTION, AND REPAIR      Chair: H. CHEROUTRE and H. UENO

10:10 I-1 **Shigekazu NAGATA**, Osaka University (Japan)  
*Phospholipid Flippase and Scramblase*

10:40 I-2 **Mauro PERRETTI**, Queen Mary University of London (UK)  
*Resolution Pharmacology: harnessing pro-resolving GPCRs to control chronic diseases*

11:10 Coffee Break

11:30 I-3 **Hilde CHEROUTRE**, RIKEN IMS (Japan) / La Jolla Institute for Immunology (USA)  
*The Cd8 locus controls CD4 T helper cell Plasticity*

12:00 I-4 **Paul MARTIN**, University of Bristol (UK)  
*Imaging inflammation and its consequences in wound repair and cancer*

12:30 Lunch

13:40 I-5 **Hideki UENO**, Icahn School of Medicine at Mount Sinai (USA)  
*Why is the efficacy of seasonal influenza vaccine limited? Blame on Tfh1.*

14:10 I-6 **Sachiko MIYAKE**, Juntendo University (Japan)  
*Unique activation status of CNS innate immunity in systemic inflammatory conditions*

**Short Talk 1** **Asuka TERASHIMA**, National Institute of Infectious Diseases (Japan)  
14:40 *Interaction between bone and immune cells in inflammation*

## Session II: TOOLBOX FOR BIOMEDICAL SCIENCES      Chair: J. ALLEN and A. MINODA

15:00 II-1 **Atsushi MIYAWAKI**, RIKEN CBS / RIKEN RAP (Japan)  
*Luminescence imaging*

15:30 Coffee Break

15:50 II-2 **Mihai G NETEA**, Radboud University Medical Center (Netherlands)  
*Trained immunity: Metabolic and Epigenetic Reprogramming in Myeloid Cells*

16:20 II-3 **Judi ALLEN**, University of Manchester (UK)  
*Learning from Helminths: Macrophages, Type 2 immunity & Tissue Repair*

16:50 II-4 **Aki MINODA**, RIKEN IMS (Japan)  
*Capturing immunosenescence of the innate immune system at the single cell resolution*

**Short Talk 2** **Keiichiro SUZUKI**, RIKEN IMS (Japan)  
17:20 *IgA regulate composition and metabolic function of gut microbiome by modulating bacteria gene expression*

17:35 End of the day

## Tuesday, June 25

### Session III: BRAIN- IMMUNITY AXIS

Chair: J. GOMMERMAN and K. SUZUKI

9:30 III-1 **Martin KERSCHENSTEINER**, Ludwig-Maximilians University Munich (Germany)  
*In vivo regulation of phagocyte phenotypes and effector function in the inflamed CNS*

10:00 III-2 **Kazuhiro SUZUKI**, Osaka University (Japan)  
*Anatomical and functional connections of adrenergic nerves with lymphoid microarchitectures*

10:30 Coffee Break

10:50 III-3 **Jennifer GOMMERMAN**, University of Toronto (Canada)  
*Recirculating Intestinal IgA-producing cells Regulate Inflammation via IL10*

11:20 III-4 **Masaaki MURAKAMI**, Hokkaido University (Japan)  
*Regional neural activations establish gateways for autoreactive T cells to enter the CNS*

### Short Talk 3 **Saya MORIYAMA**, The University of Tokyo (Japan)

11:50 *Neuronal regulation of group 2 innate lymphoid cell responses and type 2 inflammation*

### Guest Editor **Alejo CHORNY**, Journal of Experimental Medicine, Rockefeller University (USA)

12:05 *Scientific Publishing: What, How and Why?"*

12:35 Lunch

### Session IV: HUMAN IMMUNODEFICIENCY

Chair: T. MORIO and F. SALLUSTO

14:10 IV -1 **Alain FISCHER**, Collège de France/ Assistance Publique-Hôpitaux de Paris/ Institut Imagine (France)  
*Lymphoid organogenesis in humans*

14:40 IV -2 **Tomohiro MORIO**, Tokyo Medical and Dental University (Japan)  
*Primary immunodeficiency disorders caused by a mutation in IKAROS family gene*

15:10 IV -3 **Federica SALLUSTO**, ETH Zurich / IRB-USI Bellinzona (Switzerland)  
*Human T cell repertoires in health and disease*

15:40 Coffee Break

16:10 IV -4 **Stuart G TANGYE**, Garvan Institute of Medical Research / UNSW Sydney (Australia)  
*Molecular regulation of human immunity – lessons from primary immunodeficiencies*

16:40 IV -5 **Cheng-Lung KU**, Chang Gung University (Taiwan)  
*Anti-interferon- $\gamma$  autoantibodies: from molecular to the infectious disease.*

### Short Talk 4 **Daisuke SUGIURA**, Tokushima University (Japan)

17:10 *Restriction of PD-1 function by cis-PD-L1/CD80 interactions is required for optimal T cell response*

### Closing Remarks:

17:25 **Sidonia Fagarasan**, Chair, Program Committee

18:00 Social gathering