Thursday, June 26

Opening Remarks:
9:00  Shigeo Koyasu, Acting Director, RIKEN IMS

Session I: Human genetics and diseases  
Chair: K. Yamamoto and F. Sallusto

9:10  I-1 Kazuhiko Yamamoto, The University of Tokyo & RIKEN, IMS, Japan  
Genetics and epigenetics in autoimmune diseases

9:40  I-2 David A. Hafler, Yale School of Medicine, USA  
Genetic and epigenetic fine-mapping of causal variants in autoimmune disease

10:10 I-3 Anthony Segal, University College London, UK  
Crohn’s is an immunodeficiency disease

10:40  Coffee Break

11:00 I-4 Shimon Sakaguchi, Osaka University, Japan  
Control of autoimmunity and tumor immunity by regulatory T cells

11:30 I-5 Federica Sallusto, Universita della Svizzera Italiana, Switzerland  
Diversity and plasticity of T cell responses in humans

12:00  Lunch

14:00 I-6 Claudia Kemper, King’s College London, UK  
Emerging unexpected roles for complement in T cell biology

14:30 I-7 Hideki Ueno, Baylor Research Institute, USA  
T follicular helper cell subsets in humans: Development and function

Session II: Environment and immune responses  
Chair: Y. Belkaid and T. Okada

15:00 II-1 Hiroshi Takayanagi, The University of Tokyo, Japan  
Autoimmune arthritis and osteoimmunology

15:30  Coffee Break

15:50 II-2 Yasmine Belkaid, National Institutes of Health, USA  
"TBA"

16:20 II-3 Adriano Aguzzi, University Hospital of Zurich, Switzerland  
Prion diseases, the brain, and the immune system

16:50 II-4 Takaharu Okada, RIKEN IMS, Japan  
Mechanism of follicular helper T cell localization in germinal centers

End of the day:
17:20

18:00  Reception
Session III: Roadmap to immune cells

9:10 III-1 Hiromitsu Nakauchi, The University of Tokyo, Japan
In vivo clonal analysis to explore heterogeneity, hierarchy and commitment of hematopoietic stem cells

9:40 III-2 Meinrad Busslinger, Research Institute of Molecular Pathology, Austria
Role of the transcription factor Blimp1 in plasma cell differentiation

10:10 III-3 Ichiro Taniuchi, RIKEN IMS, Japan
Transcriptional control of Helper/Cytotoxic lineage choice

10:40 Coffee Break

11:00 III-4 Ellen Rothenberg, California Institute of Technology, USA
Transcription factor dynamics in early T-cell lineage commitment

11:30 III-5 Toshinori Nakayama, Chiba University, Japan
Generation and maintenance of pathogenic memory Th2 cells

12:00 Lunch

Session IV: Linking Immune and nervous systems

14:00 IV-1 Kazuhiro Suzuki, Osaka University, Japan
Adrenergic control of lymphocyte dynamics

14:30 IV-2 Burkhard Becher, University of Zurich, Switzerland
How T cells talk to phagocytes in autoimmunity

15:00 Coffee Break

15:20 IV-3 Sachiko Miyake, Juntendo University, Japan
Gut controls CNS autoimmunity

16:00 IV-4 Masaaki Murakami, Hokkaido University, Japan
Local neural activation enhances inflammation responses

Closing Remarks:
16:20 Tomohiro Kurosaki, Chair of the Steering Committee