

October 30 (Day1)

- 9:00-9:10 **Opening remarks**
Shigeo Koyasu, Acting Director of IMS
Mitchell Kronenberg, President of LJI

Session 1. Development & Function of T cells

- 9:10- 9:40 **Tomokatsu Ikawa (IMS-RCAI)**
Epigenetic regulation in T cell lineage commitment
- 9:40-10:10 **Alessandro Sette (LJI)**
A subset of novel Timothy grass antigens is associated with marked Th1 and Th2 shifts following specific immunotherapy
- 10:10-10:40 **Mitchell Kronenberg (LJI)**
Recognition of microbial and self-lipid antigens by invariant natural killer T cells
- 10:40-11:10 Coffee Break

Session 2. Allergy & Inflammation I

- 11:10-11:40 **Masayuki Amagai (IMS-RCAI)**
Impaired skin barrier in atopic diseases
- 11:40-12:10 **Hisahiro Yoshida (IMS-RCAI)**
Skin homeostasis and atopic dermatitis development
- 12:10-12:40 **Shigeo Koyasu (IMS-RCAI)**
Allergic inflammation and natural helper cell, a member of group 2 innate lymphoid cells
- 12:40-14:00 LUNCH

Session 3. Regulation & Intervention of Diseases

- 14:00-14:30 **Matthias von Herrath (LJI)**
Learning from histopathology to design novel immune-therapies for type 1 and 2 diabetes
- 14:30-15:00 **Sujan Shresta (LJI)**
Influence of antibodies and T cells on Dengue disease outcome
- 15:00-15:30 **Masaru Taniguchi (IMS-RCAI)**
IMS-RCAI Medical Innovation Programs based on the NKT cell biology
- 15:30-16:00 Coffee Break

Session 4. Signal Regulation of Diseases

- 16:00-16:30 **Amnon Altman (LJI)**
A novel CTLA4-PKC η signaling axis in Treg cell function
- 16:30-17:00 **Toshiaki Kawakami (LJI, IMS-RCAI)**
Phospholipase C- β 3 as a tumor suppressor and a guardian of the immune system
- 17:00-17:30 **Yun-Cai Liu (LJI)**
Protein ubiquitination in immune regulation

October 31 (Day 2)

Session 5. Mucosal Regulation & Microbiota

- 9:00- 9:30 **Charles Surh (LJI)**
Regulation of immune homeostasis to enteric antigens
- 9:30-10:00 **Kenya Honda (IMS-RCAI)**
Epithelial cell adhesion-mediated Th17 induction by intestinal microbes
- 10:00-10:30 Coffee Break
- 10:30-11:00 **Hiroshi Ohno (IMS-RCAI)**
Commensal microbe-derived butyrate induces colonic regulatory T cells
- 11:00-11:30 **Sidonia Fagarasan (IMS-RCAI)**
Symbiotic regulatory loop between acquired immune system and gut microbiota
- 11:30-13:00 LUNCH

Session 6. Allergy and Inflammation II

- 13:00-13:30 **Lynn Hedrick (LJI)**
Nuclear receptors, monocytes, and Inflammation
- 13:30-14:00 **Takashi Tanaka (IMS-RCAI)**
Regulation of inflammatory responses by LIM proteins
- 14:00-14:30 **Takaharu Okada (IMS-RCAI)**
Imaging of the cross-presenting dendritic cell subsets in the skin-draining lymph node
- 14:30-15:00 Coffee Break

Session 7. Systems & Immunology

- 15:00-15:30 **Bjoern Peters (LJI)**
Epigenetic profiling of T cell subsets in healthy and asthmatic individuals
- 15:30-16:00 **Sonia Sharma (LJI)**
Dissecting innate immune signaling using genome-wide RNAi screens
- 16:00-16:30 **Osamu Ohara (IMS-RCAI)**
Post-GWAS genomic analyses: Mind and bridge the gaps
- 16:30 **Closing**