

Program

Friday, November 16

Opening remarks and Overview of IMS and Tsinghua University:

9:00-9:15 **Tadashi Yamamoto**, Director, RIKEN IMS
Chen Dong, Director, Tsinghua University

Session 1:

Chair: Shiro Ikegawa

- 9:15-9:40 Speaker 1: **Kazuhiko Yamamoto** (RIKEN IMS, Japan)
Genetic and functional genetics of autoimmune diseases
- 9:40-10:05 Speaker 2: **Yun-Cai Liu** (Tsinghua University, China)
The E3 ligase VHL controls the differentiation of follicular helper T cells through glycolytic-epigenetic pathways
- 10:05-10:30 Speaker 3: **Chung Chau Hon** (RIKEN IMS, Japan)
Building a better map to navigate through the genetic landscape of diseases
- 10:30-10:45 Coffee Break

Session 2:

Chair: Takashi Tanaka

- 10:45-11:10 Speaker 4: **Toshinori Nakayama** (Chiba University, Japan)
Pathogenic Th2 (Tpath2) cells in airway inflammation: Fibrosis inducing Tpath2 cells
- 11:10-11:35 Speaker 5: **Wanli Liu** (Tsinghua University, China)
An SLE-associated SNP of IgG1 modulates B-cell activation
- 11:35-12:00 Speaker 6: **Shiro Ikegawa** (RIKEN IMS, Japan)
Immuno-osseus dysplasia– intersection of skeletal biology and immunology
- 12:00-13:00 Lunch

Session 3:

Chair: Xiaoyu Hu

- 13:00-13:25 Speaker 7: **Wenwen Zeng** (Tsinghua University, China)
Neural Regulation of White Adipose Tissue Plasticity
- 13:25-13:50 Speaker 8: **Wataru Ise** (Osaka University, Japan)
T follicular helper cell-Germinal center B cell interaction strength regulates entry into plasma cell or recycling cell fate
- 13:50-14:15 Speaker 9: **Xin Lin** (Tsinghua University, China)
Inhibiting MALT1 protease activity efficiently dampens psoriasis development
- 14:15-14:30 Coffee Break



Session 4:

Chair: Wenwen Zeng

14:30-14:55 Speaker 10: **Heiichiro Udono** (Okayama University, Japan)
Anti-diabetes drug, Metformin, drives metabolic reprogramming of tumor microenvironment, leading to inhibition of tumor growth

14:55-15:20 Speaker 11: **Xiaoyu Hu** (Tsinghua University, China)
Nutrient sensing by intestinal epithelium orchestrates mucosal antimicrobial defense via translational control of Hes1

15:20-15:45 Speaker 12: **Naoko Satoh** (RIKEN IMS, Japan)
Functional ILCs regulating mucosal homeostasis

15:45-16:00 Coffee Break

Session 5:

Chair: Tomohiro Kurosaki

16:00-16:25 Speaker 13: **Meng Xu** (Tsinghua University, China)
Anti-tumor immunity controlled through mRNA m⁶A program

16:25-16:50 Speaker 14: **Akiharu Kubo** (Keio University, Japan)
Barrier homeostasis of the skin epidermis

Closing Remarks:

16:50 **Tomohiro Kurosaki**, Organizing Committee, RIKEN IMS