

PROGRAM
for the CSI-IFReC Joint Symposium on Immunology

November 2, 2010

- 13:00-18:00pm** **Registration and check in**
- 18:00-19:00pm** **Reception**
- 19:00-21:00pm** **Welcome Banquet**

November 3, 2010

- 8:00-8:15am** **Opening Ceremony**
Xuetao Cao and Shizuo Akira
- 8:15-9:15am** **Plenary lecture**
Prof. Tadamitsu Kishimoto (Laboratory of Immune Regulation,
WPI-IFReC, Graduate School of Frontier Biosciences, Osaka
University, Japan)
IL-6; from its discovery to the development of Tocilizumab (anti-IL-6R
antibody)
- 9:15-10:15am** **Session 1 Innate Immunity (I)**
Co-chairs: Zhigang Tian (China) and Kiyoshi Takeda (Japan)
- 9:15-9:45am Shizuo Akira (Laboratory of Host Defense, WPI-IFReC, Osaka
University, Japan)
Function of LPS-inducible genes, Zc3h12a and JMJD3 revealed by
gene targeting
- 9:45-10:15am Xuetao Cao (National Key Laboratory of Medical Immunology,
China)
Cross regulation of TLR-triggered pro-inflammatory cytokine
production
- 10:15-10:45am** **Coffee Break and poster visiting**

10:45-12:45am Session 1 Innate Immunity (II)

Co-chairs: Yizhi Yu (China) and Shizuo Akira (Japan)

- 10:45-11:15am Kiyoshi Takeda (Department of Microbiology and Immunology, WPI-IFReC, Osaka University, Japan)
Regulation of intestinal homeostasis by innate immunity
- 11:15-11:45am Bing Sun (Institut Pasteur of Shanghai, China)
TRIM30 negatively regulates TLR-mediated NF- κ B activation
- 11:45-12:15am Hisashi Arase (Laboratory of Immunochemistry, WPI-IFReC, Osaka University, Japan)
Regulation of herpesvirus infection by paired receptors
- 12:15-12:45am Baoxue Ge (Shanghai Institute of Health Sciences, Chinese Academy of Sciences, China)
Toll-like receptors (TLRs) signaling suppresses the apoptosis of virus-infected cells

12:45-14:00pm Lunch

14:30-16:00pm Session 2 Adaptive Immunity (I)

Co-chairs: George Fu Gao (China) and Takashi Saito (Japan)

- 14:30-15:00pm Tomohiro Kurosaki (Laboratory of Lymphocyte Differentiation, WPI-IFReC, Osaka University, Japan)
CIN85 regulates canonical NF- κ B pathway and subsequent B cell responses
- 15:00-15:30pm Changyou Wu (Zhongshan School of Medicine, Sun Yat-Sen University, China)
The differentiation and function of IL-22-producing T cells
- 15:30-16:00pm Masaru Ishii (Laboratory of Biological Imaging, WPI-IFReC, Osaka University, Japan)
Dynamic live imaging of bone marrow cells by using intravital 2-photon microscopy

16:00-16:30pm Coffee Break and poster visiting

16:30-18:30pm Session 2 Adaptive Immunity (II)

Co-chairs: Changyou Wu (China) and Hisashi Arase (Japan)

16:30-17:00pm George Fu Gao (Beijing Institutes of Life Science, China)
Functional and structural studies on epitope presentation and recognition

17:00-17:30pm Yuzhang Wu (Third Military Medical University, China)
Reconstruction of HBV-specific cytotoxic T lymphocytes response with a mimogen-based vaccine in chronic hepatitis B virus carriers

17:30-18:00pm Limin Zheng (Tumor Biotherapy, Cancer Center, SunYat-sen University, China)
Inflammation promotes angiogenesis and disease progression in human cancers

18:00-18:30pm Huazhang An (National Key Laboratory of Medical Immunology, China)
Phosphatases in the regulation of innate immunity

19:00-20:00pm Dinner

November 4, 2010

8:00-10:00am Session 3 Regulation of Immune Response (I)

Co-chairs: Bing Sun (China) and Tomohiro Kurosaki (Japan)

8:00-8:30am Ken J. Ishii (Laboratory of Adjuvant Innovation, National Inst. of Biomedical Innovation (NIBIO), Japan)

Innate immune mechanisms of vaccines

8:30-9:00am Zhihai Qin (Institute of Biophysics, Chinese Academy of Sciences)
The Role of Fibroblast in Tumor Environment

9:00-9:30am Kazuya Kikuchi (WPI-IFReC, Osaka University, Japan)

Design, Synthesis and Biological Application of in Vivo Imaging
Probes with Tunable Chemical Switches

9:30-10:00am Taoyong Chen (National Key Laboratory of Medical Immunology,
China)

Regulation of immunity by heat stress

10:00-10:30am Coffee Break and poster visiting

10:30-12:00am Session 3 Regulation of Immune Response (II)

Co-chairs: Zhihai Qin (China) and Ken J. Ishii (Japan)

10:30-11:00am Hong Tang (Institute of Biophysics, Chinese Academy of Sciences)
How Do Deadly Viruses Hijack and Subvert the Innate Defense
System of the Host Cells?

11:00-11:30am Takashi Saito (Laboratory for Cell Signaling, WPI-IFReC, Osaka
University, Japan)
Dynamic regulation of positive/negative T cell co-stimulation

11:30-12:00am Zhigang Tian (University of Science & Technology of China)
Inhibitory receptor NKG2A tempers anti-virus activity of NK cells
in active chronic hepatitis B

12:00-12:30am Closing Remarks

12:30-14:00pm Lunch

14:00-19:30pm Free discussion and Social activities

November 5, 2010

6:00-12:00am Departure