

Immunology at the Forefront

June 1-2, 2010

June 1 9:30 am- (Registration: 9:00-)
June 2 10:00 am- (Registration: 9:30-)

The 4th International Symposium of WPI-IFReC
Venue: Icho-Kaikan, Suita Campus, Osaka University

June 1

Masahiro Yamamoto

(IFReC) Essential role of ROP16 in the strain-specific and direct activation of Stat3 and Stat6 **Dong-Min**

Shin (Chungnam National University) Vitamin D3

Induces Autophagy in Human Monocytes/Macrophages via Cathelicidin **Motomu Hashimoto (IFReC)** Innate immunity for Th17-mediated autoimmune disease **Tiffany Horng (Harvard University)**

Molecular Mechanisms in Regulation of Innate Immune Responses **Vincent Shih**

(UCSD) Kinetic control of negative feedback regulators of NF- κ B/RelA determines their pathogen- and cytokine-receptor signaling specificity **Ido Amit (MIT)** Unbiased reconstruction of

a mammalian transcriptional network mediating the differential response to pathogens **Tang Hua (Emory University)** Th2 response to cysteine-proteases depends on co-operation between dendritic cells and basophils

via ROS mediated signaling **Sudha Kumari (NYU)** Role of PKC theta in regulatory T cell function **Takeshi Nitta**

(University of Tokushima) Thymic microenvironments for T-cell repertoire formation

June 2

Morihisa Fujita (IFReC) Sorting, trafficking and remodeling of GPI-anchored proteins **Koji Hase (RIKEN)** Antigen transcytosis by M cells: from molecular entities to biological significance **Tatsuya Saitoh (IFReC)** Role for membrane trafficking in the nucleic acids-induced innate immune response **Jesse Green (UCSF)** S1P2 contributes to germinal center clustering and controls chronic germinal center homeostasis **Tim Lammermann (NIH)** Dissecting leukocyte amoeboid motility in vitro and in vivo **Hyota Takamatsu (IFReC)** Semaphorins guide the entry of dendritic cells into the lymphatics by activating myosin II **Thai V. Truong (CALTECH)** Light sheet microscopy- a versatile tool for 4-dimensional imaging **Naoto Kawakami (Max Planck Institute)** Intravital imaging of autoreactive T cells infiltration into CNS lesions of Autoimmune Encephalomyelitis **Kaoru Saijo (UCSD)** Nuclear receptor-mediated repression of neuroinflammation **Matteo Iannaccone (Harvard University)** Lymph Node Subcapsular Sinus Macrophages Confer Resistance to CNS Invasion Upon Peripheral Infection With a Neurotropic Virus

ENTRY FEE Free / RECEPTION (Charge) 6:00 pm-, June 1
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REGISTRATION <http://www.ifrec.osaka-u.ac.jp>