

The 2<sup>nd</sup> Symposium

Max Planck-The University of Tokyo

Center for Integrative Inflammomology in Tokyo, Japan

Oct. 26-28, 2015



Sanjo Conference Hall, Hongo Campus

The University of Tokyo

7-3-1 Hongo, Bunkyo-ku, Tokyo

SEIKEN SYMPOSIUM No.81

Subsidized by IIS, UT and TERUMO FOUNDATION for LIFE SCIENCES and ARTS

DAY 1 – 26 October 2015 (Monday)

15:50 - 16:00 Welcome Remarks

**Tadatsugu Taniguchi** (The University of Tokyo \*3)

Keynote Lectures (Chair: Masanori Hatakeyama)

16:00 - 16:40 **Dietmar Vestweber** (Max-Planck Society \*4)

Mechanisms that regulate endothelial junctions

16:40 - 17:20 **Stephen Nutt** (Walter and Eliza Hall Institute of Medical Research, Melbourne)

The transcriptional control of humoral immunity

17:30 – 19:30 Welcome Reception at Sanjo Conference Hall (B1F)

Guest: Mr. Stefan Moebs

(Minister, Economic and Scientific Affairs, German Embassy)

DAY 2 – 27 October 2015 (Tuesday)

9:30 - 10:50 Session I: Innate Immunity (1) (Chair: Tadatsugu Taniguchi)

**Hiroshi Kiyono** (The University of Tokyo \*4)

Mucosal immune system for the balancing act on symbiosis and elimination

**Gurumoorthy Krishnamoorthy** (Max-Planck Society \*1)

Microbiome in nervous system autoimmunity

**Mayumi Mori** (University Medical Center Hamburg)

Essential roles for DEDD in uterine decidualization and vascular remodeling during early pregnancy

**Tatsuhiko Kodama** (The University of Tokyo \*5)

Pre-targeting antibody therapeutics against colon cancer: Cupid and Psyche

10:50 – 11:20 Break

11:20 – 12:20 Session II: Acquired Immunity (1) (Chair: Hartmut Wekerle)

**Tomohisa Okamura** (The University of Tokyo \*1)

Inhibitory synergistic effect of TGF- $\beta$  and IL-10 on humoral immunity

**Sören Boller** (Max-Planck Society \*2)

Triggering B cell lymphopoiesis: EBF1-induced chromatin shaping during early B cell differentiation

**Satoshi Uematsu** (The University of Tokyo \*4)

Eosinophil and  $\alpha$ -SMA<sup>+</sup> stromal cell interactions induce a positive feedback loop for fibrosis of the small intestine after abdominal irradiation

12:20 – 13:30 Lunch

13:30 – 14:30 Session III: Acquired Immunity (2) (Chair: Hiroshi Kiyono)

**Norimasa Iwanami** (Max-Planck Society \*2)

Role of DNA methylation in vertebrate lymphopoiesis

**Anja Nusser** (Max-Planck Society \*2)

Development of thymic epithelial cells

**Hartmut Wekerle** (Max-Planck Society \*5)

Brain autoimmunity and gut microbiota – an update

14:30 – 15:00 Break

15:00 – 16:20 Session IV: Inflammation & Metabolism (1) (Chair: Yasuyuki Sakai)

**Takao Shimizu** (The University of Tokyo \*2)

Phospholipid remodeling and triacylglycerol transport

**Friedemann Kiefer** (Max-Planck Society \*4)

An approach to sensible oxygen sensing

**Kazuki Yamamoto** (The University of Tokyo \*5)

Liquid chromatographic separation and tandem mass spectrometric analysis of histone modifications.

**Philipp Schlaermann** (Max-Planck Society \*3)

Advanced human gastric primary cell culture systems and their applications

DAY 3 – 28 October 2015 (Wednesday)

9:30 – 10:30 Session V: Infection and Host Response (Chair: Takao Shimizu)

**Stephen Holland** (Max-Planck Society \*2)

Antigen receptor diversity generation in lamprey

**Ippei Kikuchi** (The University of Tokyo \*1)

Parafibromin is a transcriptional scaffold that integrates multiple morphogen signaling pathways

**January Weiner** (Max-Planck Society \*3)

Host response biosignature of tuberculosis

10:30 – 11:00 Break

11:00 – 12:00 Session VI: Inflammation & Cancer (Chair: Rudolf Grosschedl)

**Hideyuki Yanai** (The University of Tokyo \*3)

Role of HMGB1 in inflammation and cancer

**Kohei Kometani** (Max-Planck Society \*2)

Role of EBF1 haploinsufficiency in leukemia

**Sho Hangai** (The University of Tokyo \*3)

PGE2 functions as an immunosuppressive damage-associated molecular pattern in tumor growth

12:20 – 14:20 Lunch

14:40 – 15:20 Session VII: Inflammation & Metabolism (2) and Cancer(1)  
(Chair: Dietmar Vestweber)

