



**The 3<sup>rd</sup> Symposium**

**Max Planck-The University of Tokyo**

**Center for Integrative Inflammalogy**

**28 – 30 November 2016**

**Berlin, Germany**



## **DAY 1 – Monday, 28 November 2016**

**14:00**            **Opening address** (Rudolf Grosschedl, Tadatsugu Taniguchi)

14:10-14:50   **Keynote Lecture** (Chair: Rudolf Grosschedl)

**Teruo Fujii** (The University of Tokyo)

Microfluidics as innovative technology for biological experimentations

**15:00-15:30**   **Congratulatory address by Ambassador Takeshi Yagi**

(Introduction: Tadatsugu Taniguchi)

**Session 1**       **Autoimmunity & Inflammation**

(Chair: Dietmar Vestweber)

15:40-16:00   **Hartmut Wekerle** (MPI Martinsried)

Alter Ego triggers Anti-Ego: Gut microbiota spark anti-brain autoimmunity

16:05-16:20   **Naoto Kawakami** (MPI Martinsried)

Context dependent calcium signalling in autoreactive T cells

16:25-16:45   **Hiroshi Kiyono** (The University of Tokyo)

Mucosal innate and acquired immunity for gut symbiosis and protection

16:50-17:20   *Coffee Break*

17:20-17:40   **Kazuhiko Yamamoto** (The University of Tokyo)

Genomics and functional genomics of autoimmune diseases

17:45-18:00   **Kazuki Yamamoto** (The University of Tokyo)

Middle-down proteomic analysis of histone H3 modifications

18:05-18:25   **Tadatsugu Taniguchi** (The University of Tokyo)

Regulation of intestinal inflammation by SP-D

18:30-18:45   **Hideyuki Yanai** (The University of Tokyo)

Role of HMGB1 in inflammation and tumor development

19:00-21:00   *Dinner*



## **DAY 2 – Tuesday, 29 November 2016**

### **Session 2**     **Cell adhesion and migration**

(Chair: Takao Shimizu)

09:00-09:40     **Keynote Lecture**

**Yoshinori Murakami** (The University of Tokyo)

Roles of a cell adhesion molecule, CADM1, in human oncogenesis

09:45-10:05     **Markus Moser** (MPI Martinsried)

Genetic analysis of integrin signaling in mice

10:10-10:25     **Virginia Andreani** (MPI Freiburg)

Mzb1 in plasma cell differentiation and migration

10:25-11:00     *Coffee Break*

11:00-11:20     **Stephen Nutt** (The Walter and Eliza Hall Institute of Medical Research)

Genome organisation and gene expression in the immune system

11:25-11:45     **Friedemann Kiefer** (MPI Münster)

Morphogenetic mechanisms during lymphatic vessel formation

11:50-12:10     **Dietmar Vestweber** (MPI Münster)

Mechanisms that regulate endothelial cell contacts

12:10-13:45     *Lunch*

### **Session 3**     **Apoptosis and autophagy**

(Chair: Stephen Nutt)

13:45-14:05     **Toru Miyazaki** (The University of Tokyo)

A novel defense system against multiple diseases via biological garbage clearance mediated by apoptosis inhibitor of macrophage (AIM)

14:10-14:25     **Masaaki Uematsu** (The University of Tokyo)

Accumulation of undegraded autophagosomes by expression of a dominant-negative syntaxin17 mutant

14:30-14:45     **Yoshitaka Kimura** (The University of Tokyo)

The innate immune receptor Dectin-2 mediates the phagocytosis of cancer cells by Kupffer cells for the suppression of liver metastasis

14:45-15:15     *Coffee Break*



## Session 4 Infection

(Chair: Masanori Hatakeyama)

- 15:15-15:30 **Francesco Boccellato** (MPI Berlin)  
In vitro regeneration of the human gastric mucosa: A next generation model to assess *H. pylori* induced pathogenesis
- 15:35-15:50 **Lennart Pfannkuch** (MPI Berlin)  
Regulation of epithelial interferon response by *H. pylori*
- 15:55-16:10 **Yumiko Fujii** (The University of Tokyo)  
Helicobacter pylori CagA-induced alterations of E-cadherin
- 16:15-16:30 **Hiroko Nishikawa** (The University of Tokyo)  
Impact of structural polymorphism for the Helicobacter pylori CagA oncoprotein on binding to polarity-regulating kinase PAR1b
- 16:35-16:55 **Yasuyuki Sakai** (The University of Tokyo)  
Toward large-scale and cost-effective stem cell amplification and differentiation
- 17:30 Departure to *Japanese Embassy* for *reception* and *dinner*
- 20:45 Departure to the Harnack House
- 21:15-21:45 General Discussion on the future of the Max Planck Research Center  
(Participants concerned will be directly requested for attendance)



## **DAY 3 – Wednesday, 30 November 2016**

### **Session 5      Lymphocytes in development and disease**

(Chair: Hartmut Wekerle)

- 09:00-09:15    **Kohei Kometani** (MPI Freiburg)  
Role of EBF1 haploinsufficiency in leukemia
- 09:20-09:35    **Connor O’Meara** (MPI Freiburg)  
Forward genetic screens to identify new regulators of T cell development
- 09:40-09:55    **Inês Trancoso** (MPI Freiburg)  
In search of a lamprey equivalent of the MHC
- 09:55-10:30    *Coffee Break*
- 10:30-10:45    **Fuyuki Tokumasu** (The University of Tokyo)  
Host erythrocyte membrane remodeling and energy recycling by blood stage malaria parasites
- 10:50-11:05    **Laura Lozza** (MPI Berlin)  
Aryl hydrocarbon receptor and skin disease
- 11:10-11:25    **January Weiner** (MPI Berlin)  
Biomarkers and computational biology in TB
- 11:30-11:50    **Richard Strugnell** (University of Melbourne)  
Immunity in murine Salmonellosis: specific T cells working with some MAITs
- 11:50            Closing remarks by Masanori Hatakeyama
- 12:00-13:00    *Lunch*
- 13:00            Departure

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Please note we will take photos during the symposium for our records and our HP.

If you don’t want to be included, please let us know.

Photo album should be on a secured network like last year later on.

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