

20th German-Japanese Joint Symposium between the University of Bonn and Waseda University

Life Science Session on the University of Bonn Day

9 October, 2017

**Tokyo Women's Medical University-Waseda University
Joint Institution for Advanced Biomedical Sciences (TWIns)**

Organizer

Prof. Toru Asahi, Faculty of Science & Engineering, Waseda University
 Prof. Takafumi Inoue, Faculty of Science & Engineering, Waseda University
 Prof. Haruko Takeyama, Faculty of Science & Engineering, Waseda University
 Prof. Waldemar Kolanus, Life & Medical Sciences Institute (LIMES), University of Bonn
 Prof. Michael Hoch, Life & Medical Sciences Institute (LIMES), University of Bonn

Organization

- Top Global University Program “Waseda Goes Global”
- Leading Graduate Program in Science and Engineering, Waseda University
- Core-to-Core Program “Three Dimensional Development of Lab-Exchange type Biomedical Science Research Consortium”
- Integrated Institute for Regulatory Science
- The Global Biomedical Green Science Institute (GBGSI)
- Research Organization for Nano and Life Innovation
- Tokyo Women's Medical University-Waseda University Joint Institution for Advanced Biomedical Sciences (TWIns)
- Life & Medical Sciences Institute (LIMES)
- DFG Cluster of Excellence ImmunoSensation and SFB 704

Program

13:00-13:05	Opening Address	Prof. Toru Asahi, Waseda
13:05-13:20	Time and space in leukocyte migration	Chair: Prof. H. Takeyama Director, LIMES, Bonn Prof. Waldemar Kolanus
13:20-13:35	Role of liver in the regulation of systemic glucose homeostasis	Prof. Nobuhito Goda, Waseda
13:35-13:50	Regulation of homeostasis and the ageing process	Deputy Rector, Bonn Prof. Andreas Zimmer, Bonn

13:50-14:05	Challenge to single cell analysis of microbes	Chair: Prof. W. Kolanus Prof. Haruko Takeyama, Waseda
14:05-14:20	Novel tools for tracing beta-oxidation	Prof. Christoph Thiele, Bonn
14:20-14:35	Cereblon as a stress responsive protein	Associate Prof. Naoya Sawamura, Waseda
14:35-14:50	Protein nano-clustering in the cell membrane	Prof. Thorsten Lang, Bonn
14:50-15:05	Features in Non-IgE-mediated gastrointestinal food allergy	Chair: Prof. N. Goda Assistant Prof. Kanami Orihara, Waseda
15:05-15:20	Investigating myeloid cell heterogeneity and function the age of single cell biology	Dr. Andreas Schlitzer, Bonn
15:20-15:40	Break	
15:40-15:55	The crosstalk between Trim71 and Let-7 balances cell proliferation and differentiation	Chair: Prof. A. Zimmer Ms. Lucía Torres Fernández, Bonn
15:55-16:05	Analysis of brain regeneration after the stab injury in the adult zebrafish optic tectum	Mr. Yuki Shimizu, Waseda
16:10-16:25	Cell-specific regulation of neurogenesis by endocannabinoids	Ms. Lena-Louise Schüle, Bonn
16:25-16:40	Engineering of genetic code in synthetic biology	Prof. Daisuke Kiga, Waseda
16:40-16:50	Identification and Functional analysis of HNF1B as a multi-organ metastasis inducing gene	Chair: Prof. T. Asahi Mr. Jun Nakayama, Waseda
16:50-17:00	Functional analysis of the microtubule-associated protein CLASP	Mr. Hirohisa Ebina, Waseda
17:00-17:10	Fiber scaffolds for cellular and tissue engineering applications	Ms. Tomo Tanaka, Waseda
17:10-17:20	Construction of bio-adhesive elastomeric nanosheets and their application as implantable biomedical devices	Chair: Prof. C.Thiele Mr. Kento Yamagishi, Waseda
17:20-17:30	Effect of neonatal microbiota disturbance on the regulation of intestinal inflammation	Ms. Mihono Mori, Waseda
17:30-17:40	Closing Address	Dean, Faculty of Medicine, Bonn Prof. Nicolaus Wernert