

**18th German-Japanese Joint Symposium
between the University of Bonn and Waseda University**

September 19, 2016

**Life & Medical Sciences Institute (LIMES)
University of Bonn, Carl-Troll-Str. 31, D- 53115 Bonn**

Organizer

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

Organization

- Life & Medical Sciences Institute (LIMES)
- DFG Cluster of Excellence ImmunoSensation and SFBs 645 and 704
- Tokyo Women's Medical University-Waseda University Joint Institution for Advanced Biomedical Sciences (TWIns)
- Core-to-Core Program “Three Dimensional Development of Lab-Exchange type Biomedical Science Research Consortium”
- Top Global University Program “Waseda Goes Global”
- Leading Graduate Program in Science and Engineering, Waseda University
- The Global Biomedical Green Science Institute of (GBGSI),
- Research Organization for Nano and Life Innovation

PROGRAM

10:00-10:05 Opening Address

Prof. Waldemar Kolanus (Managing Director, LIMES, Bonn)

10:05-10:10 Address

Prof. Shuji Hashimoto (Vice President, Waseda)

Chair: T. Asahi

10:10-10:25

Prof. Shinji Takeoka, Waseda

“Introduction of Takeoka lab and Research Topics”

10:25-10:40

Prof. Thorsten Lang, LIMES, Bonn

“Structural dynamics during the formation of tetraspanin enriched microdomains”

10:40-10:55

Ms. Lucía Torres Fernández (Kolanus lab, LIMES)

“The Trim71/let-7 axis in the control of cell proliferation and differentiation”

Chair: S. Takeoka

10:55-11:40

Report on Summer Program Activity in Bonn (12 minutes each)

Mr. Kouhei Ohnishi (Takeoka lab)

“The synthesis of alkyne labeled long alkyl alcohol, pentadec-14-yn-1-ol, for monitoring cationic liposomes”

Mr. Genki Komakine (Takeoka lab)

“Evaluation of the effect of cationic liposomes on tetraspanins by FRAP”

Mr. Hiroto Satoh (Takeoka lab)

“Evaluation of effects of argininelipid-containing liposomes on T cells”

11:40-11:55

Prof. Takafumi Inoue, Waseda

“Introduction of Inoue lab and Research Topics”

Chair: T. Inoue

11:55-12:25

Report on Summer Program Activity in Bonn (12 minutes each)

Ms. Yuko Nirei (Inoue lab)

“Formation of droplets for single cell analysis of human peripheral blood mononuclear cells”

Ms. Adachi Chihiro (Inoue lab)

“Effect of endocannabinoid signaling for excitotoxicity induced by NMDA”

12:25-12:40

Prof. Haruko Takeyama, Waseda

“Introduction of Takeyama lab and Research Topics”

12:40-13:25 Lunch

Chair: H. Takeyama

13:25-14:40

Report on Summer Program Activity in Bonn (12 minutes each)

Mr. Oliver Schanz (Förster lab, LIMES)

“Balancing intestinal and systemic inflammation through cell type-specific expression of the aryl hydrocarbon receptor “

Ms. Rieca Chijiwa (Takeyama lab)

“Influence of foodborne Ahr-ligands on the intestinal immune homeostasis”

Mr. Haruka Itoh (Takeyama lab)

“Development of photo-activated clickmers”

Mr. Kai Takahashi (Takeyama lab)

“Analysis of the gustatory processing pathway in the brain by calcium imaging (CaMPARI)”

Mr. Masatoshi Yoshida (Takeyama lab)

“Tracing beta-oxidation of fatty acids in different cell lines (adipocytes, hepatocytes) by click-chemistry”

14:40-14:55

Prof. Shigenobu Shibata, Waseda

“Introduction of Shibata lab and Research Topics”

Chair: S. Shibata

14:55-15:25

Report on Summer Program Activity in Bonn (12 minutes each)

Ms. Shiho Iwami (Shibata lab)

“Trim71-dependent let7 regulation in mES cells”

Mr. Shinnosuke Yasuda (Shibata lab)

“Detection of inflammasome activation by immunoblotting”

15:25-15:40

Prof. Toshio Ohshima, Waseda

“Introduction of Ohshima lab and Research Topics”

15:40-15:55 Coffee Break

Chair: T. Ohshima

15:55-16:55

Report on Summer Program Activity in Bonn (12 minutes each)

Ms. Carolina Fiallos Oliveros (Ohshima lab)

“Analysis of Trim71 and Notch target gene expression in Trim71 morphant zebrafish embryo”

Ms. Yuko Tanaka (Goda lab)

“Physiological analysis of lipid accumulation using Drosophila”

Mr. Ryo Shiraishi (Semba lab)

“Identification of potential synaptic connection between SOG-interneurons and Hugin-neurons by GRASP-method”

Mr. Hirohisa Ebina (Satoh lab)

“Generating a stable GFP reporter cell line using the CRISPR/Cas9 system”

16:55-17:10

Prof. Toru Asahi, Waseda

“Introduction of Asahi lab and Research Topics”

Chair: W. Kolanus

17:10-17:25

Assoc. Prof. Naoya Sawamura, Waseda

“Functional analysis of Cereblon as a lon-type protease”

17:25-17:40

Report on Summer Program Activity in Bonn (12 minutes)

Mr. Kousuke Kataoka (Asahi lab)

“Histological and behavioral change associated with aging in genetically modified mice”

Chair: C. Thiele

17:40-17:55

Dr. Chihiro Nozaki (Zimmer lab)

“Contribution of endocannabinoid system on NTG-induced acute migraine-like symptoms”

17:55-18:10

Prof. Michael Pankratz, LIMES, Bonn

“Brain-microbiota interactions: how neurons taste bacteria”

Chair: M. Pankratz

18:10-18:25

Prof. Joachim Schultze, LIMES, Bonn

“Single cell genomics and the immune system”

18:25-18:45

Prof. Günter Mayer, LIMES, Bonn

“Introduction of Mayer lab and Research Topics”

Mr. Malte Rosenthal (Mayer lab, LIMES)

“Selection and characterization of THCA-binding clickmers”

18:45-19:00 Closing Address
Prof. Michael Hoch (Rector, Bonn)

19:00 Joint Party between Bonn and Waseda