

**International Workshop for  
Commemorating the 10th Anniversary of  
Research Collaboration  
in Life Science Fields between  
the University of Bonn  
and  
Waseda University**

**January 5, 2017**

*Foyer, 3rd Floor*

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

### **Organization**

- Life & Medical Sciences Institute (LIMES), University of Bonn
- Tokyo Women's Medical University-Waseda University Joint Institution for Advanced Biomedical Sciences (TWIns)
- Top Global University Program "Waseda Goes Global"
- Leading Graduate Program in Science and Engineering, Waseda University
- Global Biomedical Green Science Institute (GBGSI), Waseda University
- Research Organization for Nano and Life Innovation, Waseda University

**Program**

16:00-16:05

**Opening Address** Toru Asahi, Director of Global Biomedical Green Science Institute,  
Waseda University

16:05-17:05

**Special Lecture** Michael Hoch, Rector, University of Bonn

17:05-18:45

**Oral Session**

No	Speaker	Department	Collaborators	Title
1	Takuya Yoda	Department of Life Science and Medical Bioscience	Takuya Yoda, Masahito Hosokawa, Kiyofumi Takahashi, Chikako Sakanashi, Haruko Takeyama, Hideki Kambara	Site-specific gene expression analysis using an automated tissue micro-dissection punching system
2	Shinnosuke Yasuda	Department of Electrical Engineering and Bioscience	Shiho Iwami, Yuko Ikeda, Mayo Kamagata, Yuta Hattori, Shigenobu Shibata	Phase entrainment of circadian clocks in mouse liver by scheduled feeding of various foods for human meals
3	Ayano Orii	Department of Electrical Engineering and Bioscience	Shingo Kondo, Keiko Okano, Toshiyuki Okano	Photoreaction mechanism of a candidate chicken magnetoreceptor
4	Ryo Shiraishi	Department of Life Science and Medical Bioscience	Jiro Fujimoto, Kentaro Semba	Novel ERBB2 sheddase TMPRSS4 affects herceptin sensitivity
5	Yuki Shimizu	Department of Life Science and Medical Bioscience	Uto Ueda, Toshio Ohshima	Wnt signaling regulates the proliferation of radial glial cells after the stab injury in the adult zebrafish optic tectum
6	Masao Maruyama	Department of Life Science and Medical Bioscience	Ai Ozaki, Hironobu Takahashi, Tatsuya Shimizu, Naoya Takeda	Self-driven perfusion culture system using a paper and microfiber-based scaffold

7	Mitsuya Yamamoto	Department of Life Science and Medical Bioscience	Di He, Kenichi Masuda, Naoya Takeda	Reversible control of wettability and cell adhesion by photo-responsive soft interface consisting of spiropyran-containing amphiphilic block copolymer
8	Hirohisa Ebina	Department of Life Science and Medical Bioscience	Masamitsu Sato	Imaging mitotic entry in living culture cells
9	Koushiro Hashimoto	Department of Life Science and Medical Bioscience	Nobuhito Goda	Mechanism of body size control via Sima/HIF-1 $\alpha$ signaling in <i>Drosophila</i>
10	Kento Ishii	Department of Life Science and Medical Bioscience	Hirotsugu Fujitani, Kentaro Soh, Tatsunori Nakagawa, Reiji Takahashi, Satoshi Tsuneda	Activity and ecophysiology of a novel cold-adapted nitrite oxidizer in nitrogen cycle
11	Kento Yamagishi	Department of Advanced Science and Engineering	Kento Yamagishi, Yuma Tetsu, Toshinori Fujie, Virgilio Mattoli, Shinji Takeoka, Francesco Greco	Fully-printed nanosheet bioelectrodes for skin-contact applications
12	Masahito Takikawa	Department of Advanced Science and Engineering	Masato Takikawa, Kohsuke Hagsawa, Manabu Kinoshita, Haruka Asahina, Daizoh Saitoh, Shinji Takeoka	Transfusion with platelet substitutes, H12-(ADP)liposomes, and red blood cells rescues thrombocytopenic rabbits from massive hemorrhage
13	Kosuke Kataoka	Department of Life Science and Medical Bioscience	Kosuke Kataoka, China Nakamura, Toru Asahi, Naoya Sawamura	Functional analysis of Cereblon in mitochondria
14	Yoh Shitashima	Department of Advanced Science and Engineering	Togo Shimozawa, Toru Asahi	Two fluorescence equilibrium states of a bilirubin-dependent fluorescent protein UnaG

18:45-18:50

Closing Address

Shinji Takeoka, Professor of Faculty of Science and Engineering,  
Waseda University