

# The 2nd Workshop for Diamond Researchers

February 22 (Wed), 2012

## Oral Session Program

10:00-10:15	Opennig Address & Highlight of the 1st Workshop at Bonn	Prof. Dr. Toru Asahi <i>Director of the European Biomedical Science Institute of the Organization for EU Studies and Secretary General of the Consolidated Research Institute for Advanced Science and Medical Care, Waseda University</i> Prof. Dr. Michael Hoch <i>Chair of Molecular Developmental Biology and Managing Director of the Life &amp; Medical Sciences Institute, The University of Bonn</i>
Chair: Prof. Dr. Toru Asahi (EBSI & ASMeW, Waseda University)		
10:20-10:30	"CHRNA7 as scaffold molecule for mutant A $\beta$ aggregation"	<u>Ye Ju (B4, Waseda Univ.)</u> , Takeyoshi Wada (M1, Waseda Univ.), Toru Asahi (Waseda Univ.), Naoya Sawamura (Waseda Univ.)
10:30-10:40	"Cereblon is a component of Aggresome"	<u>Satoru Wakabayashi (B4, Waseda Univ.)</u> , Haruka Yamada (M1, Waseda Univ.), Toru Asahi (Waseda Univ.), Naoya Sawamura (Waseda Univ.)
10:40-10:50	"Spectroscopic analysis of the interation between thilidomaide and human serum albumin"	<u>Nami Takada (B4, Waseda Univ.)</u> , Hitoshi Kurumizaka (Waseda Univ.), Toru Asahi (Waseda Univ.)
Chair: Prof. Dr. Michael Hoch (LIMES Institute, University of Bonn)		
10:50-11:10	"Antimicrobial peptides in Drosophila"	<u>Eva Jentgens (PhD student, LIMES Institute Bonn)</u> Michael Hoch (LIMES Institute Bonn),
Chair: Prof. Dr. Shinji Takeoka (Life Science & Medical Bioscience, Waseda University)		
11:10-11:20	"Preparation of freestanding ultrathin films with uniform nanopores by polymer phase separation"	<u>Hong Zhang (D2, Waseda Univ.)</u> , Shinji Takeoka (Waseda Univ.)
11:20-11:30	"Application of PLLA nanosheet as anti-adhesion barrier in a liver defect and bleeding model"	<u>Masatsugu Koide (M1 Waseda Univ.)</u> , Daisuke Niwa (Waseda Univ.), Nobuhito Goda (Waseda Univ.), Shinji Takeoka (Waseda Univ.)
11:30-11:40	"Analysis of permeability of Poly-L-lactic acid nanosheet"	<u>Yu Kawamoto (M1, Waseda Univ.)</u> , Toshinobu Fujie (I.I.T.), Akihiro Saito (D2, Waseda Univ.), Yukio Honda (Waseda Univ.), Toru Asahi (Waseda Univ.), Shinji Takeoka (Waseda Univ.)
11:40-11:50	"Fabrication of nanosheet containing silver nanoparticles and evaluation of its antimicrobial activity"	<u>Keisuke Ito (B4, Waseda Univ.)</u> , Akihiro Saito (D2, Waseda Univ.), Shinji Takeoka (Waseda Univ.)
11:50-12:00	"Evaluation of pH-responsive liposomes composed of amino acid-based lipids"	<u>Risa Yasumi (M1, Waseda Univ.)</u> , Yumiko Aoshima (M2, Waseda Univ.), Shinji Takeoka (Waseda Univ.)
Chair: Prof. Dr. Kentaro Semba (Life Science & Medical Bioscience, Waseda University)		
12:00-12:10	"Screening for novel breast cancer oncogenes with collagen gel 3D culture"	<u>Nao Shibata (B4, Waseda Univ.)</u> , Ayano Doi (Waseda Univ.), Kosuke Ishikawa (JBiC), Kentaro Semba (Waseda Univ.)
12:10-13:10	Lunch	
Chair: Lecturer Dr. Nanami Senoo-Matsuda (ASMeW, Waseda University)		
13:10-13:20	"Neuroprotective mechanism of ALS2/Alsin in a Drosophila familial amyotrophic lateral sclerosis model"	<u>Kanako Tsutsumi (M2, Waseda Univ.)</u> , Nanami Senoo-Matsuda (Waseda Univ.), Nobuhito Goda (Waseda Univ.)

Chair: Prof. Dr. Waldemar Kolanus (LIMES Institute, University of Bonn)		
13:20-13:40	"Role of a microRNA-regulating ubiquitin E3 ligase in the embryonic development of the mouse"	<u>Karin Schneider</u> (PhD student, <u>LIMES Institute Bonn</u> ) Waldemar Kolanus (LIMES Institute Bonn)
13:40-14:00	"Analysis of spatio-temporal regulation processes in ES cell differentiation"	<u>Sibylle Mitschka</u> (PhD student, <u>LIMES Institute Bonn</u> ) Waldemar Kolanus (LIMES Institute Bonn)
Chair: Assistant Prof. Dr. Toshifumi Osaka (Life Science & Medical Bioscience, Waseda University)		
14:00-14:10	"Clinical relevance of <i>JAK2V617F</i> somatic point mutation in Japanese myeloproliferative neoplasm patients"	<u>Kochi Takahashi</u> (B4, <u>Waseda Univ.</u> ), Soji Morishita (Waseda Univ.), Norio Komatsu (Juntendo Univ.), Satoshi Tsuneda (Waseda Univ.)
14:10-14:20	"An ecological control of microflora by lineage-specific inhibition of microbial helicases"	<u>Tatsuki Miyamoto</u> (B4, <u>Waseda Univ.</u> ), Atsushi Furuta (D1, Waseda Univ.), Yuji Sekiguchi (AIST), Naohiro Noda (AIST, Waseda Univ.), Satoshi Tsuneda (Waseda Univ.)
14:20-14:30	"Isolation of nitrifying bacteria in drinking water treatment system"	<u>Kengo Momiuchi</u> (M1, <u>Waseda Univ.</u> ), Hirotugu Fujitani (D3, Waseda Univ.), Norisuke Ushiki (B4, Waseda Univ.), Yoshiteru Aoi (Northeastern Univ.), Satoshi Tsuneda (Waseda Univ.)
14:30-14:40	"Interactions between intestinal innate immune system and microbes in mouse experimental colitis"	<u>Chihiro Wayu</u> (B4, <u>Waseda Univ.</u> ), Junki Hayasaki (M2, Waseda Univ.), Toshifumi Osaka (Waseda Univ.), Satoshi Tsuneda (Waseda Univ.)
14:40-14:50	"CRMPs regulate bifurcation of apical dendrites in hippocampal CA1 pyramidal neurons during the brain development"	<u>Emi Niisato</u> (D3), Jun Nagai (M1), Naoya Yamashita (Yokohama City Univ.), Fumio Nakamura (Yokohama City Univ.), Yoshio Goshima (Yokohama City Univ.), Toshio Ohshima (Waseda Univ.)
14:50-15:00	Short Break	
Chair: Prof. Dr. Haruko Takeyama (Life Science & Medical Bioscience, Waseda University)		
15:00-15:10	"Efficient screening of xylose isomerase genes from soil metagenome for bioethanol production"	<u>Dini Nurdiani</u> (D3, <u>Waseda Univ.</u> ), Haruko Takeyama (Waseda Univ.)
15:10-15:20	"Screening and a determination of the novel cadmium accumulation gene from metagenome libraries of bacteria associated with marine sponges"	<u>Yotaro Kohara</u> (D1, <u>Waseda Univ.</u> ), Haruko Takeyama (Waseda Univ.)
15:20-15:30	"Structure analysis of a novel cadmium accumulation protein from sponge metagenome library"	<u>Satoshi Wakaoji</u> (M1, <u>Waseda Univ.</u> ), Haruko Takeyama (Waseda Univ.)
15:30-15:40	"The multiple detection of Single Nucleotide Polymorphism related to mental development via pyrosequencing"	<u>Rikako Ina</u> (B4, <u>Waseda Univ.</u> ), Haruko Takeyama (Waseda Univ.)
15:40-15:50	"Bioenrichment and diversity analysis of gut microflora of marine invertebrate"	<u>Kotaro Watanabe</u> (B4, <u>Waseda Univ.</u> ), Haruko Takeyama (Waseda Univ.)
Chair: Prof. Dr. Susumu Minamisawa (Life Science & Medical Bioscience, Waseda University)		
15:50-16:00	"Identification of the atrium-specific character in the heart"	<u>Daisuke Shimura</u> (M1, <u>Waseda Univ.</u> ), Haruko Nakano (UCLA), Gaku Nakai (B4, Waseda Univ.), Qibin Jiao (Waseda Univ.), Kazumi Kashiwakura (Keio Univ.), Keiko Endo (Keio Univ.), Tomoyoshi Soga (Keio Univ.), Nobuhito Goda (Waseda Univ.), Atsushi Nakano (UCLA), Susumu Minamisawa (Waseda Univ.)
16:00-16:10	"The LIMES/Waseda Zebrafish lab: Studying biomedically relevant gene functions in a powerful vertebrate system"	<u>Dr. Bernhard Fuss</u> (Postdoctoral Fellow, LIMES Institute Bonn), Michael Hoch (LIMES Institute Bonn)
16:10-16:20	"A new animal model to study depression"	<u>Astrid Becker</u> (Postdoctoral Fellow, Institute of Molecular Psychiatry, University Clinics Bonn), Andreas Zimmer (Institute of Molecular Psychiatry, University Clinics Bonn)

16:20-16:30	Closing Address	Prof. Dr. Shinji Takeoka <i>Dupty Director of the Research Promotion Division and Program Leader of Young Researcher Overseas Visits Program for Vitalizing Brain Circulation 'Construction of Lab-exchange Type Health and Biomedical Science Research Consortium', Waseda University</i>
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## Poster Session Program

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2	"Antimicrobial peptides in Drosophila"	<u>Eva Jentgens</u> (PhD student, LIMES Institute Bonn), Michael Hoch (LIMES Institute Bonn)
3	"The LIMES/Waseda Zebrafish lab: Studying biomedically relevant gene functions in a powerful vertebrate system"	<u>Dr. Bernhard Fuss</u> (Post Doctoral Fellow, Molecular Developmental Biology & Genetics, LIMES Institute Bonn), Michael Hoch (LIMES Institute Bonn),
4	"Role of a microRNA-regulating ubiquitin E3 ligase in the embryonic development of the mouse"	<u>Karin Schneider</u> (PhD student, LIMES Institute Bonn), Waldemar Kolanus (LIMES Institute Bonn)
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