

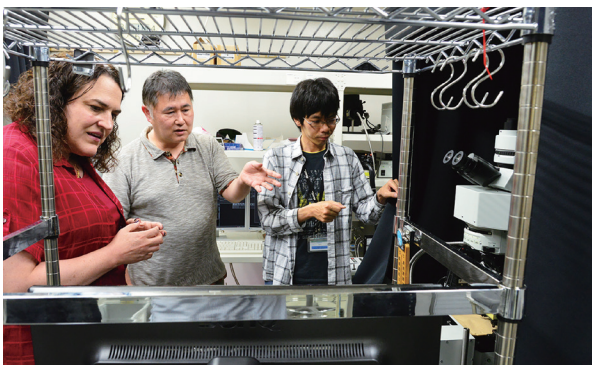
NIBB-Princeton University Collaboration

Associate Professor Rebecca D. Burdine's visit to NIBB

Associate Professor Rebecca D. Burdine from the Department of Molecular Biology at Princeton University, visited NIBB on June 11th 2018 to conduct a seminar and to meet with NIBB researchers.

Prof. Burdine has been conducting an international joint research project in collaboration with the Division of Morphogenesis at NIBB, and which has been financially supported by NINS. In this capacity, she conducted an exclusive seminar titled "New Roles for Motile Cilia in Development and Disease" for NIBB researchers during her stay in Okazaki. She also had a meeting with the members of the Division of Morphogenesis to discuss the future of the abovementioned joint research project.

In addition to this, Prof. Burdine discussed research with other NIBB researchers and toured the Laboratory of Spatiotemporal Regulation to observe a light-sheet laser scanned microscope.



The 10th NIBB International Practical Course

"Genome Editing and Imaging of Fish and Amphibians"

September 20 (Thu) – 29 (Sat), 2018

- Participants: 9 (1 from the UK, Colombia, Nepal, Korea, China, Taiwan respectively, and 3 Japan)
- Venue: National Institute for Basic Biology, Okazaki, Japan
- Seminar Speakers:
 - Dr. Lazaro Centanin (Heidelberg Univ., Germany)
 - Dr. Shoji Fukamachi (Japan Women's Univ.)
 - Dr. Pung-Pung Hwang (Academia Sinica, Taiwan)
 - Dr. Takeshi Igawa (Hiroshima Univ.)
 - Dr. Asano Ishikawa (National Institute of Genetics)
 - Dr. Shinya Komoto (OIST)
 - Dr. Haruki Ochi (Yamagata Univ.)
 - Dr. Takuji Sugiura (IMP, Austria)
 - Dr. Hitoshi Yokoyama (Hirosaki Univ.)
- Lecturers:
 - Dr. Yoriko Ando (Nagoya Univ.)
 - Dr. Satoshi Ansai (NIBB)
 - Dr. Shoji Fukamachi (Japan Women's Univ.)
 - Dr. Toshinori Hayashi (Tottori Univ./iNewt)
 - Dr. Aiko Kawasumi (RIKEN BDR)
 - Dr. Yasuhiro Kamei (NIBB/ABiS)
 - Dr. Shigenori Nonaka (NIBB/ABiS)
 - Dr. Kiyoshi Naruse (NIBB/NBRP-Medaka/IBBP)
 - Dr. Hajime Ogino (Hiroshima Univ./NBRP-Xenopus)
 - Dr. Ken-ichi T. Suzuki (Hiroshima Univ./NIBB/iNewt)
- Course Staff:
 - Dr. Ying-Jey Guh (Nagoya Univ.), Ms. Maki Kondo (NIBB), Ms. Megumi Matsuo (Japan Women's Univ.), Mr. Yu Murakami (Kyoto Univ.), Ms. Misako Saida (NIBB), Dr. Joe Sakamaoto (NIBB), Ms. Nanoka Suzuki (Hiroshima Univ.), Dr. Atsushi Taniguchi (NIBB/ABiS), Dr. Yuka Taniguchi-Sugiura (IMP, Austria)
- Contents of the course:
 - Husbandry (Lectures and Experiments Using Medaka, *Xenopus* and Iberian Ribbed Newt)
 - Genome Editing (Lectures and Experiments Using Medaka, *Xenopus* and Iberian Ribbed Newt)
 - Molecular Works for Genome Editing (Lectures)
 - Microinjection (Lectures and Experiments Using Medaka, *Xenopus* and Iberian Ribbed Newt)
 - Regeneration Experiments (Lectures and Demonstrations Using Amphibians)
 - Cryopreservation/Artificial Insemination (Lectures and Experiments Using Medaka and *Xenopus*)
 - Imaging: Light-Sheet Microscope/Laser Confocal Microscope (Lectures and Experiments Using Medaka and *Xenopus*)
 - In vivo Cell Manipulation (IR-LEGO) (Lectures and Experiments Using Medaka and *Xenopus*)
 - Behavioral Assay (Lectures and Experiments Using Medaka)