



The 10th NIBB International Practical Course **Genome Editing and Imaging of Fish and Amphibians**

Sep. 20th – 29th, 2018

Venue: National Institute for Basic Biology, Okazaki, Aichi, Japan
Language: English

Contents:

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)
Seminars Related to Fish and Amphibian Research

Application Deadline:
**June 30th,
2018**

Confirmed Speakers of Seminars:

Lazaro Centanin (Heidelberg Univ., Germany)
Shoji Fukamachi (Japan Women's Univ.)
Asano Ishikawa (National Institute of Genetics)
Shinya Komoto (OIST)
Haruki Ochi (Yamagata Univ.)
Hitoshi Yokoyama (Hiroshima Univ.)

Organizers and Instructors:

Kiyoshi Naruse (NIBB/NBRP-Medaka/IBBP)
Hajime Ogino (Hiroshima Univ./NBRP-Xenopus)
Yasuhiro Kamei (NIBB/ABiS)
Ken-ichi T. Suzuki (Hiroshima Univ. /NIBB/iNewt)
Toshinori Hayashi (Tottori Univ./iNewt)
Satoshi Ansai (NIBB)
Kiyoshi Tatematsu (NIBB)
Pung-Pung Hwang (Academia Sinica, Taiwan)

Participation:

Maximum of 16 participants (Pending selection process.)

Costs:

Registration fee of 30,000JPY, which includes some meals and course materials.
Accommodation costs for Mishima Lodge (Institute guest house) will be provided.

<http://www.nibb.ac.jp/course10/>



National Institute for Basic Biology

