

## The NIBB International Practical Course

The first NIBB International Practical Course was held in 2007 with the aim of providing young scientists around the world with opportunities to learn cutting-edge experimental skills and to communicate with experts in the field. The course replaced our Bioscience Training Course, which had been held for twenty years and which had, for the most part, accepted participants from universities and institutes in Japan. The Fourth International Practical Courses was held in 2009 as summarized below. The course was held in a laboratory provided by NIBB and equipped with the necessary instruments and tools and a good supply of experimental materials. We hope that the techniques and knowledge provided in these courses will prove useful in the future work of all of the participants.

### The Fifth NIBB International Practical Course: “Developmental Genetics of Zebrafish and Medaka III”

- Period: January 26 (Tue)– February 2 (Tue), 2010
- Participants: 15 (three from Taiwan, three from Germany, two from Japan, one each from China, Singapore, Israel, UK, Canada, Norway, and Italy)
- Lecturers:
  - Dr. Katie Peichel (Fred Hutchinson Cancer Research Center, USA)
  - Dr. Kunio Inoue (Kobe University, Japan)
  - Dr. Shin-ichi Higashijima (National Institute for Physiological Science, Japan)
  - Dr. Christoph Winkler (National University of Singapore, Singapore)
  - Dr. Kohei Hatta (University of Hyogo, Japan)
- Course Staff from NIBB:
  - Minoru Tanaka, Kinoshi Naruse, Kayo Kobayashi, Shuhei Nakamura, Takao Sasado

Contents of the course: This course focused on skills and technology on medaka. Participants tried learning modification of BAC using homologous recombination, cryopreservation and artificial insemination and heat induction of gene. Participants also practiced retrieving and extracting informations using medaka genome browser.

