

CDB holds course in multicolor FISH

February 7, 2011 – The RIKEN Center for Developmental Biology organized a course on multicolor fluorescence in situ hybridization (FISH) for the nuclear analysis of human stem cells on February 2 and 3. This program was the latest in a series of training workshops coordinated by the Division of Human Stem Cell Technology (Yoshiki Sasai, Head).



The course provided instruction in techniques for the detection of chromosomal abnormalities that can appear in ES and iPS cells when cultured for long periods. Multicolor FISH offers rapid analysis of nuclear integrity, and is easy to automate, making it an ideal technique for stem cell analysis and quality control.

Twenty participants from academia, industry and other research institutes joined the course, which was organized under the auspices of the MEXT Project for the Realization of Regenerative Medicine and support from Carl Zeiss MicroImaging and Abbot Japan.