

48th IMSUT Founding Commemorative Symposium

Advance in gene therapies and genome editing tools

13:00-17:00, May 28 (Fri.), 2021

Chairperson Professor : Toshio Kitamura

Opening remarks Dean/Professor : Yuji Yamanashi 13:00-13:10

1. Innovation in AAV vector technologies toward gene and cell-based therapies to treat muscular dystrophy 13:10-13:50

Professor : Takashi Okada (Division of Molecular and Medical Genetics, Center for Gene and Cell Therapy , IMSUT)

2. Gene therapy comes of age 13:50-14:30

Professor Emeritus & Visiting Professor : Keiya Ozawa (Division of Immuno-Gene & Cell Therapy (Takara Bio), Jichi Medical University)

- Break - 14:30-14:50

Chairperson Associate Professor : Manabu Ozawa

3. A novel genome editing tool CRISPR-Cas3 14:50-15:30

Professor : Tomoji Mashimo (Division of Animal Genetics, Laboratory Animal Research Center, Institute of Medical Science, IMSUT)

4. Development of novel genome-editing tools towards gene therapy 15:30-16:10

Professor : Osamu Nureki (Department of Biological Sciences, Graduate School of Science, The University of Tokyo)

5. Genome editing in various organisms using Platinum TALEN and CRISPR-Cas9 16:10-16:50

Professor : Takashi Yamamoto (Division of Integrated Sciences for Life, Graduate School of Integrated Sciences for Life, Hiroshima University)

Closing remarks Vice-Dean/Professor : Makoto Nakanishi 16:50-17:00