Frontier of repeat disease

Chairs: Tatsushi Toda
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan
Osamu Onodera
Dept. Neurology, Brain Research Inst. Niigata Univ., Japan

NFS-01-1 Molecular pathogenesis of benign adult familial myoclonic epilepsy (BAFME)
Hiroyuki Ishiura
Department of Neurology, The University of Tokyo, Japan

NFS-01-2 Pathogenesis of SCA31
Kinya Ishikawa
The Center for Personalized Medicine for Healthy Aging, Tokyo Medical and Dental University, Japan

NFS-01-3 Mechanistic and Therapeutic Insights into Repeat Expansions Disorders
Leonard Petruelli
Mayo Clinic, USA
The emergence of a new era of gene therapy and regenerative medicine in Neurology

Chairs: Hitoshi Okazawa
Tokyo Medical and Dental University, Japan
Haruhisa Inoue
Dept. of Cell Growth and Differentiation, Center for iPS Cell Research and Application, Kyoto University, Japan

NFS-02-1  Gene therapy with therapeutic oligonucleotide
Tetsuya Nagata
Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan

NFS-02-2  Block of neuraxial degeneration by silencing an ALS-causing mutant gene with subpial AAV9 delivery
Martin Marsala
University of California, San Diego, USA
NFS-02-3 Gene therapy for Parkinson's disease
Shin-ichi Muramatsu
Division of Neurology, Department of Medicine, Jichi Medical University, Japan / Center for Gene & Cell Therapy, The Institute of Medical Science, The University of Tokyo, Japan / Department of Neurology, Osaka University Graduate School of Medicine, Japan

NFS-02-4 Gene therapy against SCA1 based on the molecular pathomechanism
Hitoshi Okazawa
Department of Neuropathology, Medical Research Institute, Tokyo Medical and Dental University, Japan / Center for Brain Integration Research, Tokyo Medical and Dental University, Japan

NFS-02-5 iPS cell-based therapy for Parkinson's disease
Jun Takahashi
Center for iPS Cell Research and Application, Kyoto University, Japan