

Chairs : **Neil A. Shneider**

Columbia University, USA

Hideki Mochizuki

Department of Neurology, Osaka University Graduate School of Medicine,
Japan

-
- ★ **AO-01-1** **A centrally-acting BTK inhibitor improves aggressive MSA-C by suppressing proinflammatory microglia**
Yuu-ichi Kira
 Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan
-
- ★ **AO-01-2** **Amyloid beta plays an important role in the alpha-synuclein pPropagation in Lewy body disease**
Yuji Narumiya
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan
-
- ★ **AO-01-3** **Correlation between clinical and neuropathological subtypes of progressive supranuclear palsy**
Ryuichi Koizumi
 Department of Neuropathology, Institute for Medical Science of Aging, Aichi Medical University, Japan / Department of Neurology and Stroke Medicine, Graduate School of Medicine, Yokohama City University, Japan / Department of Neurology, Yokosuka General Hospital Uwamachi, Japan
-
- ★ **AO-01-4** **Revealing the pathogenesis of ALSP/HDLS using Human Induced Pluripotent Stem Cell-Derived Microglia**
Rina Fujita
 Department of Neurology, Graduate School of Medicine, Kyoto University, Japan / Department of Immunology Graduate School of Medicine, Kyoto University, Japan
-
- ★ **AO-01-5** **Allele selective silencing of polyQ proteins by SNA-modified siRNA targeting CAG expansions in mice**
Kentaro Maeda
 Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- ★ **AO-01-6** **Association between the pathogenesis of OPDM and G4 structure suggested by single nucleus RNA-seq**
Ai Yamanaka
 Department of Neuromuscular Research, National Institute of Neuroscience, NCNP, Japan / Department of Neurology, Nara Medical University, Japan
-

Chairs : Sarosh R. Irani

Department of Neurology, Mayo Clinic, Jacksonville, Florida, USA

Kazutoshi Nishiyama

Department of Neurology, Kitasato University, Japan

-
- ★ AO-02-1 A Phase I Study of NS-035 in Patients with Fukuyama Congenital Muscular Dystrophy
Go Fujino
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan
-
- ★ AO-02-2 Clinical features and acute treatment in 100 patients with anti-NMDA receptor encephalitis in Japan
Shintaro Saegusa
Department of Neurology, Kitasato University School of Medicine, Japan
-
- ★ AO-02-3 Delineating three distinct spatiotemporal patterns of brain atrophy in Parkinson's disease
Yusuke Sakato
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
-
- ★ AO-02-4 Long-read sequencing to diagnose unresolved familial Parkinson's disease
Kensuke Daida
Department of Neurology, Faculty of Medicine, Juntendo University, Japan / National Institutes of Health
-
- ★ AO-02-5 Longitudinal analysis of high-risk cohort of Lewy body disease
Keita Hiraga
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- ★ AO-02-6 Plasma exosome miR30c-2 correlates with neuronal damage and glial activation in Alzheimer's disease
Tomohiro Imamura
Translational Neuroscience Research Center, Graduate School of Medicine, International University of Health and Welfare, Japan / Department of Pharmaceutical Sciences, School of Pharmacy at Fukuoka, International University of Health and Welfare, Japan / Department of Neurology, Kouhoukai Takagi Hospital, International University of Health and Welfare, Japan

Chair : Tatsushi Toda

National Center Hospital, National Center of Neurology and Psychiatry, Japan

-
- ★ **AP-01-1** **Cell-type- and disease-specific effect of the neuromyelitis optica spectrum disorder-related variant**
Tomohiro Yata
 Department of Neurology, Osaka University Graduate School of Medicine, Japan / Department of Statistical Genetics, Osaka University Graduate School of Medicine, Japan / Department of Neurology, National Hospital Organization Osaka Toneyama Medical Center, Toyonaka, Japan
-
- ★ **AP-01-2** **Exltrn-Splicing-Derived Isoforms Fine-tune TDP-43 Protein Dynamics**
Takuma Yamagishi
 Department of Neurology, Clinical Neuroscience Branch, Brain Research Institute, Niigata University, Japan
-
- ★ **AP-01-3** **Altered TDP-43 expression and synapse formation in ALS patient iPSC-derived motor neurons**
Ryo Chikuchi
 Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- ★ **AP-01-4** **Elucidation of RAN translation regulators using C9orf72-linked ALS/FTD fly models**
Yuzo Fujino
 Department of Neurology, Kindai University Faculty of Medicine, Japan / Department of Neurology, Kyoto Prefectural University of Medicine, Japan
-
- ★ **AP-01-5** **Exogenous macrophages proliferate in the putamen in patients of Multiple System Atrophy**
Nobuhisa Okada
 Graduate School of Medicine and Faculty of Medicine, Kyoto university, Japan
-
- ★ **AP-01-6** **Parkinson's disease-linked PSAP gene mutation affects progranulin trafficking and GCase activity**
Ryo Wakamori
 Department of Neurology, Juntendo University Faculty of Medicine, Japan
-
- ★ **AP-01-7** **Transcriptome change of peripheral immunity after thymectomy in anti-AChR antibody positive patients**
Naoshi Koizumi
 Department of Neurology, Graduate School of Medicine, Osaka University, Suita, Osaka, Japan
-

Chair : Takayoshi Shimohata

Department of Neurology, Gifu University Graduate School of Medicine, Japan

-
- ★ AP-02-1 Clinical features of 175 cases of anti-MAG neuropathy
Yu Matsuda
Department of Neurology, Kyorin University Graduate School of Medicine, Japan
-
- ★ AP-02-2 SOMAscan proteomics identifies novel plasma biomarkers for spinal and bulbar muscular atrophy
Ayano Kondo
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- ★ AP-02-3 Determining the pathological thresholds for CAG repeat units in CACNA1A
Yuya Hatano
Department of Neurology, Brain Research Institute, Niigata University, Japan / Department of Neurology, Uonuma Institute of Community Medicine, Niigata University Medical and Dental Hospital, Japan
-
- ★ AP-02-4 Brain volume in the prodromal stage of Parkinson's disease
Ryota Nozaki
Division of neurology and gerontology, Iwate medical university hospital, Japan
-
- ★ AP-02-5 PET imaging of AMPA receptors on Angelman syndrome patients
Yu Fujimoto
Department of Physiology, Yokohama City University Graduate School of Medicine, Japan
-
- ★ AP-02-6 A novel heterozygous STUB1 mutation causes facial onset sensory and motor neuronopathy (FOSMN)
Kazuki Yokokawa
Department of Neurology, Sapporo Medical University School of Medicine, Japan
-
- ★ AP-02-7 Effect of the Midnolin gene on the Parkinson's disease phenotype: a study in Yamagata, Japan
Daisuke Sato
Division of Neurology and Clinical Neuroscience, Department of Internal Medicine III, Yamagata University School of Medicine, Japan
-