Chairs : Kevin Campbell
The University of Iowa, USA / Howard Hughes Medical Institute, USA
Tatsushi Toda
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan

★ AO-01-1 **Aberrant CHCHD2-Associated Mitochondriopathy in Kii ALS/PDC Astrocytes**
Satoru Morimoto
Department of Physiology, Keio University, School of Medicine, Japan／Department of Oncologic Pathology, Mie University Graduate School of Medicine, Mie, Japan ／Neurodegenerative disease research, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan

★ AO-01-2 **Glia-neuron transmission of alpha-synuclein oligomers in an aggressive multiple system atrophy model**
Masaya Harada
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan ／Division of Respirology, Neurology and Rheumatology, Department of Medicine, Kurume University School of Medicine, Japan

★ AO-01-3 **Brain-resident CD8 T cells regulate inflammation in the early pathogenesis of Alzheimer's disease**
Asato Tsuji
Division of Neurology, Kobe University Graduate School of Medicine, Japan

★ AO-01-4 **WIPI4 depletion associated with BPAN causes PE-dependent ferroptosis**
Motoki Fujimaki
Department of Neurology, University of Tsukuba, Japan

★ AO-01-5 **A cyclic pyrrole-imidazole polyamide: therapeutic agents for CAG/CTG triplet repeat diseases**
Susumu Ikenoshita
Department of Genomic Neurology, Institute of Molecular Embryology and Genetics, Kumamoto University, Japan ／Department of Neurology, Graduate School of Medical Sciences, Kumamoto University, Japan

★ AO-01-6 **Ecological and functional characteristics of the gut phageome in patients with multiple sclerosis**
Daiki Takewaki
Department of Immunology, National Center of Neurology and Psychiatry, Japan ／Multiple Sclerosis Center, National Center of Neurology and Psychiatry, Japan／Laboratory for Symbiotic Microbiome Sciences, RIKEN, Japan

Chairs : Roongroj Bhidayasiri
AOAN Delegate of Thailand / Chulalongkorn Centre of Excellence for Parkinsons Disease and Related Disorders, Thailand
Kazutoshi Nishiyama
Department of Neurology, School of Medicine, Kitasato University, Japan

★ AO-02-1 **Molecular epidemiology of ataxias in Japan - J-CAT study -**
Yuka Hama
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan

★ AO-02-2 **Serum TPPP/p25 is a novel diagnostic biomarker for subjects at risk of Lewy body disease**
Yoshiyuki Kishimoto
Department of Neurology, Nagoya University Graduate School of Medicine, Japan

★ AO-02-3 **Nodal ATP1A2/3 antibody is a new pathogenic marker for juvenile onset NMOSD/CCPD and progressive MS**
Xu Zhang
Translational Neuroscience Research Center, Graduate School of Medicine, International University of Health and Welfare, Okawa, Japan

★ AO-02-4 **Identification of the serum protein biomarker for the diagnosis of Cerebral Amyloid Angiopathy**
Akisato Nishigaki
Department of Neurology, Mie University Graduate School of Medicine, Japan

★ AO-02-5 **Clinical features of anti-Casprl autoimmune nodopathy in Japan**
Takumi Tashiro
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

★ AO-02-6 **Multimodal analysis of MRI and tau PET measures in progressive supranuclear palsy**
Ryoji Goto
Department of Functional Brain Imaging, Institute for Quantum Medial Science, Quantum Life and Medical Science Directorate, National Institutes for Quantum Science and Technology, Japan ／Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan

★Nominees for the Best Oral Presentation Award

Chair : Takeshi Iwatsubo
Neuropathology, University of Tokyo, Japan

★ AP-01-1 A new Alzheimer's disease model mouse with cholinergic dysfunction and amyloid pathogenesis
Yo Tsuda
Department of Neurology, Nagoya City University, Japan

★ AP-01-2 Decoding the Impact of Circadian Rhythms and Aging on Gene Expression in the Mouse Corpus Callosum
Hidehiro Ishikawa
Department of Neurology, Mie University Graduate School of Medicine, Japan／Neuroprotection Research Laboratories, Departments of Radiology and Neurology, Massachusetts General Hospital and Harvard Medical School, USA

★ AP-01-3 Characterization of CHCHD2 variants linked to amyotrophic lateral sclerosis and Parkinson's disease
Aya Ikeda
Department of Neurology, Faculty of Medicine, Juntendo University, Japan

★ AP-01-4 An analysis of phenotypic features of anti-IgLON5 disease in IgLON5-deficient mouse
Sin Yi Lee
Department of Neurology, Keio University School of Medicine, Japan

★ AP-01-5 PET analysis of regional brain mitochondrial function and glucose utilization in a marmoset PD model
Tetsuya Hirato
Department of Neurology, Kyoto University Graduate School of Medicine, Japan

★ AP-01-6 Syk inhibitors reduce tau protein phosphorylation and oligomerization
Tomohisa Yamaguchi
Department of Neurology, University of Fukui Hospital, Japan

★ AP-01-7 Exon skipping in DMD using newly developed Bulge-type RNA-DNA hetero-G4 inducing ASOs
Ryo Iwase
Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan

Chair : Ryosuke Takahashi
Kyoto University Graduate School of Medicine, Japan

★ AP-02-1 **Pathological quantitative changes after Patisiran therapy in hereditary ATTR amyloidosis**

Shinji Masuko
Department of Medicine (Neurology & Rheumatology), Shinshu University School of Medicine, Japan

★ AP-02-2 **Altered brain energy metabolism related to astrocytes in Alzheimer's disease**

Kosei Hirata
Department of Functional Brain Imaging, Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology, Japan ／Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan

★ AP-02-3 ~~Determining the pathological thresholds for CAG repeat length 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 **Venous abnormality is a useful diagnostic marker for HTRA1-related cerebral small vessel disease**

Shoichiro Ando
Department of Neurology, Brain Research Institute, Niigata University, Japan

★ AP-02-5 **Relationship between Neurofilament and Clinical Findings in Patients with Multiple System Atrophy**

Yuria Adachi
National Center of Neurology and Psychiatry, Japan

★ AP-02-6 **Mid-regional pro-adrenomedullin as a predictor of neurological outcomes in acute ischemic stroke**

Yuma Shiomi
Department of Neurology, National Cerebral and Cardiovascular Center, Japan

★ AP-02-7 **Non-invasive Diagnostic system for Parkinson's Disease using sebum RNA transcriptome analysis**

Tatou Iseki
Department of Neurology, Juntendo University School of Medicine, Japan

★Nominees for the Best Poster Presentation Award