

Chair : Susumu Kusunoki  
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- ★ AO-01-1 Efficacy of bone marrow transplantation for adolescent/adult-onset cerebral/cerebello-brainstem ALD  
Takashi Matsukawa  
Department of Molecular Neurology, University of Tokyo, Graduate School of Medicine, Japan  
/Department of Neurology, The University of Tokyo hospital, Japan
- ★ AO-01-2 Safety and efficacy in 20 cases of POEMS syndrome  
Hiroshi Amino  
Chiba University Department of Neurology, Japan
- ★ AO-01-3 Serum GFAP and neurofilament light as biomarkers of disease activity and disability in NMOSD and MS  
Mitsuru Watanabe  
Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan
- ★ AO-01-4 Relationship between cerebral small vessel disease and serum titer to periodontal pathogens  
Yuji Shiga  
Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima, Japan
- ★ AO-01-5 Voxel-based QSM analysis as an imaging biomarker for mild cognitive impairment in Parkinson disease  
Yuto Uchida  
Department of Neurology, Nagoya City University Graduate School of Medical Sciences, Japan  
/Department of Neurology, Toyokawa City Hospital, Japan
- ★ AO-01-6 Multi-omics analysis reveals myasthenia gravis specific neuronal molecular regulation patterns  
Yoshiaki Yasumizu  
Osaka University, Japan

Chair : Tatsushi Toda

Department of Neurology, Graduate School of Medicine, The University of Tokyo

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- ★ AO-02-1    **Alpha-synuclein propagation via olfactory pathway in non-human primate model**  
 Masanori Sawamura  
 Department of Neurology, Graduate school of Medicine, Kyoto University, Japan
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- ★ AO-02-2    **BBB-crossing drug delivery system by modulating tight junction at brain microvascular endothelium**  
 Satoshi Zeniya  
 Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU), Japan
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- ★ AO-02-3    **Targeting Tyro3 ameliorates a model of PGRN-mutant FTL D-TDP via tau-mediated synaptic pathology**  
 Kyota Fujita  
 Department of Neuropathology, Medical Research Institute, Tokyo Medical and Dental University, Japan
- .....
- ★ AO-02-4    **A novel cell transplantation therapy for ALS using OPCs expressing scFv recognizing misfolded SOD1**  
 Sumio Minamiyama  
 Department of Neurology, Shiga University of Medical Science, Japan / Department of Neurology, Kyoto University Graduate school of Medicine, Japan
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- ★ AO-02-5    **Wide distribution of alpha-synuclein oligomers in MSA brain detected by proximity ligation**  
 Hiroaki Sekiya  
 Division of Neurology/Molecular Brain Science, Kobe University Graduate School of Medicine, Japan / Department of Neurology, Hyogo Prefectural Amagasaki General Medical Center, Japan
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- ★ AO-02-6    **CCR2-positive peripheral blood macrophages play protective roles in ALS mouse model**  
 Wataru Shiraishi  
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Chair : Norihiro Suzuki  
Shonan Keiiku Hospital

- ★ AP-01-1 NfL, tau, and TDP-43 in plasma and CSF as diagnostic and prognostic biomarkers of ALS  
Takuma Ohmichi  
Department of Neurology, Kyoto Prefectural University of Medicine, Japan
- ★ AP-01-2 Alteration of resting-state functional connectivity in patients with RBD from the J-PPMI cohort  
Noritaka Wakasugi  
Department of Advanced Neuroimaging, Integrative Brain Imaging Center, National Center of Neurology and Psychiatry, Japan
- ★ AP-01-3 Clinical subtypes and autoantibodies in chronic inflammatory demyelinating polyneuropathy  
Motoi Kuwahara  
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- ★ AP-01-4 Next-generation tau PET imaging with 18F-PI-2620 in Alzheimer's disease (AD) and non-AD tauopathy  
Toshiki Tezuka  
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- ★ AP-01-5 Evaluation of differential diagnosis in taopaties by 18F-THK5351 PET  
Michinori Ezura  
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Chair : Hideki Mochizuki  
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- ★ AP-02-1 Elucidation of early pathophysiology of spinal-bulbar muscular atrophy using disease specific iPSCs  
Kazunari Onodera  
Department of Neurology, Aichi Medical University School of Medicine, Japan / Department of Neurology, Nagoya University Graduate School of Medicine, Japan
- ★ AP-02-2 Transplantation of human iPSC cell-derived dopamine neural progenitor cells for Parkinson's disease  
Ryota Nakamura  
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- ★ AP-02-3 GBA haploinsufficiency accelerates alpha synuclein pathology in a prodromal PD model  
Masashi Ikuno  
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- ★ AP-02-4 Suppression of Spt4 ortholog reduces expanded SCA36 GGCCUG repeat aggregation and cytotoxicity  
Natsumi Furuta  
Department of Neurology, Gunma University Graduate School of Medicine, Japan
- ★ AP-02-5 Analyses of CHCHD2 pathophysiology by human brain, iPSC and Drosophila model  
Aya Ikeda  
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- ★ AP-02-6 Chronic cerebral hypoperfusion accelerates amyloid beta aggregation in APP/PS1 mice model  
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