

Chairs : Katsutoshi Furukawa
 Division of Community Medicine, Tohoku Medical and Pharmaceutical
 University
 Hiroyuki Ishiura
 Department of Neurology, The University of Tokyo

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- ★ AO-01-1 New therapeutic strategy for multiple sclerosis by DNA/RNA heteroduplex oligonucleotide technology
 Masaki Ohyagi
 Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan
- ★ AO-01-2 Filamin-A promotes four-repeat tau aggregation and is associated with progressive supranuclear palsy
 Koyo Tsujikawa
 Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Department of Neurology, National Hospital Organization Suzuka National Hospital, Japan
- ★ AO-01-3 A therapy using peripheral blood cells preconditioned by oxygen-glucose deprivation against ischemia
 Masahiro Hatakeyama
 Department of Neurology, Brain Research Institute, Niigata University, Japan
- ★ AO-01-4 A53T mutant human alpha-synuclein BAC transgenic mice exhibited RBD-like behavior and hyposmia
 Tomoyuki Taguchi
 Department of Neurology Kyoto University Graduate School of Medicine, Japan
- ★ AO-01-5 SCA31 transgenic mice show pathologic features similar to human patients
 Miwa Higashi
 Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan
- ★ AO-01-6 Role of Repulsive guidance molecule A (RGMA) in amyotrophic lateral sclerosis (ALS)
 Mikito Shimizu
 Department of Neurology, Osaka University Graduate School of Medicine, Japan
- ★ AO-01-7 Depletion of microglial TAK1 exacerbates neuroinflammation in the mouse model of tauopathy
 Atsuko Katsumoto
 Department of Neurology and Stroke Medicine, Yokohama City University Hospital, Japan / Stark Neuroscience Research Institute, Indiana University, USA
- ★ AO-01-8 Intrathecal injection of patient-derived anti-Plexin D1-IgG induces neuropathic pain in mice
 Takayuki Fujii
 Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

Chairs : Yasuo Katayama

Department of Neurology and Neurological Disorder Center, Tokyo General Hospital

Yoshio Omote

Department of Neurology, Okayama University

- ★ AO-02-1 The Phase 2 study of BAN2401 (anti-amyloid beta protofibril antibody) in early Alzheimer's disease
Takuya Yagi
Eisai Co., Ltd., Japan
- ★ AO-02-2 A clinical and genetic study of SPG80, the new type of hereditary spastic paraplegia
Yuta Ichinose
Department of Neurology, University of Yamanashi, Japan
- ★ AO-02-3 Clinical features of at-risk subjects for Lewy body disease
Makoto Hattori
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
- ★ AO-02-4 The age of onset of multiple system atrophy has become older in the last 50 years
Shinya Oginezawa
Department of Neurology, Brain Research Institute, Niigata University, Japan
- ★ AO-02-5 Iron leakage owing to blood-brain barrier disruption in small vessel disease CADASIL
Yuto Uchida
Department of Neurology, Nagoya City University, Japan / Department of Neurology, Toyokawa City Hospital, Japan
- ★ AO-02-6 Drug screening using urine-derived cells obtained from patients with Duchenne muscular dystrophy
Hotake Takizawa
Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan / Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- ★ AO-02-7 Liquid biopsy in lymphoma associated CNS involvements: a potential tool for the early diagnosis
Kenichiro Murate
Department of Neurology, Fujita Health University School of Medicine, Japan
- ★ AO-02-8 Natural history of gait characteristics in patients with SCA6, SCA31, and MSA-C
Akira Matsushima
JA Nagano Koseiren Kakeyu-Misayama Rehabilitation Center Kakeyu Hospital, Japan

- ★ AP-01-1 Whole-exome sequencing of recessive hereditary leukoencephalopathy
Rei Yasuda
Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan
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- ★ AP-01-2 Utility of modified Awaji criteria for diagnosis of amyotrophic lateral sclerosis
Kazusa Takahashi
Department of Neurology, Teikyo University school of Medicine, Japan / Department of Neurology, Kitasato University school of Medicine, Japan
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- ★ AP-01-3 Reclassification based on muscle pathology and specific antibodies in idiopathic myositis
Ai Yamanaka
Department of Neurology, Nara Medical University, Japan
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- ★ AP-01-4 Distinction of Brainstem MRI Lesions Between MOG and AQP4 Antibody Associated Diseases
Yuki Matsumoto
Tohoku University Graduate School of Medicine, Department of Neurology, Japan
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- ★ AP-01-5 Analyses of immunolabeling patterns using a tissue-based assay can predict anti-NMDAR encephalitis
Makoto Hara
Division of Neurology, Department of Medicine, Nihon University School of Medicine, Japan
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- ★ AP-01-6 Usefulness of olfactory test and pareidolia test in diagnosis of dementia with Lewy bodies
Yuta Inagawa
Department of Geriatric Medicine, Tokyo Medical University, Japan
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- ★ AP-01-7 Characteristic of Perry disease in Japan
Takayasu Mishima
Department of Neurology, Fukuoka University School of Medicine, Japan
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- ★ AP-01-8 Motor and cognitive outcome evaluation 3 years after deep brain stimulation for Parkinson's disease
Katsuki Eguchi
Department of Neurology, Hokkaido University, Japan
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- ★ AP-01-9 Magnetoencephalogram analysis of epilepsy patients with amygdala enlargement
Naoki Takegami
The Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan

- ★ AP-02-1 Chronic cerebral hypoperfusion induces Alzheimer's pathology and mitochondrial form change in mice
 Namiko Matsumoto
 Okayama University, Department of Neurology, Japan
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- ★ AP-02-2 Alpha-synuclein propagation via olfactory pathway in non-human primate model
 Masanori Sawamura
 Kyoto university Hospital, Japan
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- ★ AP-02-3 A new method of radiological-pathological comparative study using micro-MRI for small vessel disease
 Hidehiro Ishikawa
 Mie University, Department of Neurology, Japan
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- ★ AP-02-4 In vivo conversion from microglia to neurons reinstates neurological function after ischemic injury
 Takashi Irie
 Department of Stem Cell Biology and Medicine, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan
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- ★ AP-02-5 Coaggregation Mechanism of BRCA1 and Tau
 Masanori Kurihara
 Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan / Japan Society for the Promotion of Science (Research Fellow DC2), Japan
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- ★ AP-02-6 Identification of blood-based exosomal biomarkers for Alzheimer's disease by using an animal model
 Tomohiro Imamura
 Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan
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- ★ AP-02-7 Identification of unique RNA signature in exosomes from TDP-43 depleted human glial hybrid cell line
 Sou Kasahara
 Department of Neurology, Brain Research Institute, Niigata University, Japan
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- ★ AP-02-8 A pericyte-macrophage axis induces myelin debris clearance and tissue repair after ischemic stroke
 Tomoya Shibahara
 Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu University, Japan