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

AO-02　一般演題優秀口演賞候補セッション（臨床部門）　En

5月21日（水）15：35～17：05　第02会場（大阪国際会議場5F 小ホール）

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 1 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 Institues 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

★最優秀口演賞候補

AP-01　一般演題ポスター優秀演題賞候補セッション（基礎部門）　En

5月21日（水）17：20 ～ 18：40　　ポスター会場（大阪国際会議場3F イベントホール）

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　Exitron-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 macropharges 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

★最優秀ポスター賞候補

AP-02　一般演題ポスター優秀演題賞候補セッション（臨床部門）　En

5月21日（水）17：20～18：40　　ポスター会場（大阪国際会議場3F イベントホール）

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 gelontology. 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

APe-01　海外演題優秀演題賞候補セッション　En

5月21日（水）17：20～18：40　　ポスター会場（大阪国際会議場3F イベントホール）

Chair：Ritsuko Hanajima
Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University, Japan

★ APe-01-1（O-18-2）　The genetic architecture of the human hypothalamus and its involvement in neuropsychiatric disorders
Shidong Chen
Fudan University, China

★最優秀ポスター賞候補
★海外最優秀賞候補

★ APe-01-2 (Pe-034-2)
Unveiling the tDCS effects on premotor cortex and primary motor cortex and the role of EEG markers
Ching-yi Wu
Department of Occupational Therapy, Chang Gung University, Taiwan ／ Healthy Aging Research Center, Chang Gung University, Taiwan ／ Department of Physical Medicine and Rehabilitation, Chang Gung Memorial Hospital at Linkou, Taiwan

★ APe-01-3 (O-18-3)
Identifying causal genes for stroke via integrating proteome and transcriptome from brain and blood
Bang Sheng Wu
Huashan Hospital, Fudan University, China

★ APe-01-4 (O-09-1)
Intermittent Theta-Burst Stimulation Effects on Cognition and Glymphatic Activity in MCI and AD
Yi-chun Kuan
Department of Neurology, Shuang-Ho Hospital, Taipei Medical University, New Taipei City, Taiwan ／ Taipei Neuroscience Institute, Taipei Medical University, New Taipei City, Taiwan ／ Department of Neurology, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan

★ APe-01-5 (O-05-3)
Role of Nurr1-miR-30e-NLRP3 axis in inflammation-mediated neurodegeneration of Parkinson's disease
Tianbai Li
First Affiliated Hospital of Dalian Medical University, China

★ APe-01-6 (O-35-2)
Metabolomics in Parkinson's Disease: From Biomarkers to Pathogenic Mechanisms
Yaping Shao
The First Affiliated Hospital, Dalian Medical University, China

★ APe-01-7 (O-30-1)
An Atlas of Plasma Metabolites Uncovers Neurological Disease Pathways and Early Metabolic Signatures
Yi-xuan Wang
Department of Neurology and National Center for Neurological Disorders, Huashan Hospital, State Key Laboratory of Medical Neurobiology and MOE Frontiers Center for Brain Science, Shanghai Medical College, Fudan University, China

★海外最優秀賞候補