

AO-01 Oral Presentation Award Nominee Session (Basic Research)**En**

May 18 (Wed) 15:35 ~ 17:05

Room 03 (B Block 7F Hall B7 (1))

Chair : Nobutaka Hattori

Department of Neurology, Juntendo University

- ★ **AO-01-1** Monomerization of TDP-43 is a key determinant for inducing TDP-43 pathology in ALS
Kotaro Oiwa
Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Department of Neuroscience and Pathobiology, Research Institute of Environmental Medicine, Nagoya University, Japan
- ★ **AO-01-2** Dysregulated endocannabinoid metabolism is a therapeutic target for amyotrophic lateral sclerosis
Daisuke Ito
Nagoya University Graduate School of Medicine, Department of Neurology, Japan
- ★ **AO-01-3** CDP-ribitol prodrug treatment ameliorates ISPD-deficient muscular dystrophy
Hideki Tokuoka
Division of Neurology, Kobe University Graduate School of Medicine, Japan / Division of Molecular Brain Science, Kobe University Graduate School of Medicine, Japan
- ★ **AO-01-4** Intrinsic blood-brain barrier dysfunction contributes to multiple sclerosis pathogenesis
Hideaki Nishihara
Department of Neurotherapeutics, Yamaguchi University, Japan / Theodor Kocher Institute, University of Bern
- ★ **AO-01-5** Decrease of GM1 ganglioside and LAMP2 in PARK24-linked prosaposin gene mutation
Yutaka Oji
Department of Neurology, Juntendo University School of Medicine, Japan
- ★ **AO-01-6** IL-6 deposition in the dorsal root of the spinal nerve in Neuromyelitis Optica Spectrum Disorder
Yoshiki Takai
Department of Neurology, Tohoku University Hospital, Japan

AO-02 Oral Presentation Award Nominee Session (Clinical Research)**En**

May 18 (Wed) 15:35 ~ 17:05

Room 04 (B Block 7F Hall B7 (2))

Chair : Tatsushi Toda

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

- ★ **AO-02-1** Identification of seral disease-specific alpha-synuclein seeds using IP-RT-QuIC
Ayami Okuzumi
Department of Neurology, Juntendo University School of Medicine, Japan

- ★ **AO-02-2** Exosomal microRNA profiles in peripheral blood are useful for early diagnosis of Alzheimer's disease
Tomohiro Imamura
Department of Pharmaceutical Sciences, School of Pharmacy at Fukuoka, International University of Health and Welfare, Japan / Translational Neuroscience Center, Graduate School of Medicine, International University of Health and Welfare, Japan / Department of Neurology, Takagi Hospital, International University of Health and Welfare, Japan
- ★ **AO-02-3** Dysbiosis in the Salivary Microbiome; Promising Biomarker for Early Detection of Multiple Sclerosis
Daiki Takewaki
Immunology Department, National Center of Neurology and Psychiatry, Japan / Laboratory for Microbiome Science, RIKEN, Japan
- ★ **AO-02-4** Altered brain energy metabolism related to astrocytes in tauopathies
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
- ★ **AO-02-5** A nationwide epidemiological survey of Facial Onset Sensory Motor Neuronopathy (FOSMN) in Japan
Senri Ko
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan
- ★ **AO-02-6** Clinical features and mechanism of LGI4-IgG4-positive inflammatory demyelinating polyneuropathy
Xu Zhang
Translational Neuroscience Center, Graduate School of Medicine, International University of Health and Welfare, Japan

AP-01 Poster Presentation Award Nominee Session (Basic Research)

En

May 18 (Wed) 17:20 ~ 18:35

Poster Session (E Block B2F Hall E)

Chair : Osamu Onodera

Brain Research Institute, Niigata University.

- ★ AP-01-1 AI-based live-cell-image analysis for spinal and bulbar muscular atrophy pathology
Kenji Sakakibara
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
- ★ AP-01-2 Two novel variants in CHCHD2 associate with TDP-43 pathology among amyotrophic lateral sclerosis
Aya Ikeda
Department of Neurology, Juntendo University School of Medicine, Japan
- ★ AP-01-3 Discovery of RNA-binding proteins as modifiers that distinguish the SCA36 and C9-ALS pathomechanisms
Tomoya Taminato
Dept Neurology, Kinki Univ, Osaka, Japan
- ★ AP-01-4 Late-onset multiple system atrophy in the brain resource center
Takashi Ando
Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Department of Neuropathology, Institute for Medical Science of Aging, Aichi Medical University, Japan
- ★ AP-01-5 Humanized-AQP4 rat NMO model develops severe astrocytopathy by patient-derived NMO-IgG
Chihiro Namatame
Department of Neurology, Tohoku University Graduate School of Medicine, Japan
- ★ AP-01-6 SNCA p.V15A, a novel pathogenic variant for familial Parkinson's disease
Kensuke Daida
Department of Neurology, Juntendo University School of Medicine, Japan

AP-02 Poster Presentation Award Nominee Session (Clinical Research)

En

May 18 (Wed) 17:20 ~ 18:35

Poster Session (E Block B2F Hall E)

Chair : Atsushi Takeda

National Hospital Organization, Sendai Nishitaga Hospital

- ★ AP-02-1 Toxic A β_{42} conformer may accelerate the onset of Alzheimer's disease in the preclinical stage
Akinori Futamura
Division of Neurology, Department of Medicine, Showa University School of Medicine, Japan
- ★ AP-02-2 Association between abnormal blood pressure fluctuations and visual hallucination in PD/DLB
Shohei Nomoto
Department on Neurology, and Clinical Research Center National Hospital Organization Utano Hospital, Japan

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- ★ AP-02-3 Molecular epidemiology of degenerative ataxias in Japan based on J-CAT study
Yuka Hama
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry (NCNP), Japan
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- ★ AP-02-4 Clinicopathological findings of anti-mitochondrial antibody associated myositis
Yukako Nishimori
Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan
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- ★ AP-02-5 Efficacy and safety of mexiletine hydrochloride in spinal and bulbar muscular atrophy
Shinichiro Yamada
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
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- ★ AP-02-6 Correlation between serum α -synuclein aggregation and proteomics in Parkinson's disease
Shinichi Ueno
Department of Neurology, Juntendo University School of Medicine, Japan