

Cerebrovascular disease 1

Chairs : Masafumi Ihara

Department of Neurology, National Cerebral and Cardiovascular Center,
Japan

Shuhei Okazaki

NHO Osaka National Hospital, Department of Neurology, Japan

O-01-1 Comparison of direct aspiration technique alone and combined technique for acute ischemic stroke

Saki Nakashima

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

O-01-2 Neuroprotectants for Acute Ischemic Stroke: A Systematic Review and Network Meta-Analysis

Mario Jr B. Prado

University of the Philippines Manila, Philippines

O-01-3 OLFACTORY ENSHEATHING CELLS AUGMENT HEMATOMA CLEARANCE IN INTRACEREBRAL HEMORRHAGE INJURY

Hock-kean Liew

Department of Medical Research, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan / Neuro-Medical Scientific Center, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan / PhD Program in Pharmacology and Toxicology, Tzu Chi University, Hualien, Taiwan

O-01-4 Fibroblast activation protein regulates TLR-induced inflammation and neuroprotection in ischemia

Nan Ju

Department of Gene and Stem Cell Regenerative Therapy, Osaka University Graduate School of Medicine, Japan

O-01-5 DWI-Positive Lesions in Acute ICH: Pre-BP Lowering Occurrence, SVD Markers, and Clinical Outcomes

Satoshi Hosoki

Department of Neurology, National Cerebral and Cardiovascular Center, Japan / Department of Neurology, Kobe City Medical Center General Hospital, Japan / Centre for Healthy Brain Ageing, University of New South Wales

O-01-6 Single-Cell RNA Sequencing Reveals Stroke-Caused Temporal Changes in Oligodendrocyte Precursor Cells

Kazuto Tsukita

Department of Neurology, Graduate School of Medicine, Kyoto University, Japan / Advanced Comprehensive Research Organization, Teikyo University, Japan

Motor neuron disease 1

Chair : Manabu Doyu

Aichi Medical University, Japan

-
- O-02-1** Diagnostic utility of the threshold tracking TMS and 18F-THK5351 PET in ALS by site of onset

Mana Higashihara

Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan

-
- O-02-2** Longitudinal study of phrenic nerve CMAP in patients with ALS
Tomomi Shijo

Department of Neurology, Tohoku University Hospital, Japan / Department of Neurology, Shodokai Southern Tohoku General Hospital, Japan

-
- O-02-3** Developing an AI support tool for ALS needle EMG [1st report]
maximal voluntary contraction analysis

Yuki Nakamura

Department of Neurology, University of Yamanashi Hospital, Faculty of Medicine, Japan

-
- O-02-4** Relationship between swallowing function and tongue elasticity in Amyotrophic Lateral Sclerosis

Kaori Yanagawa

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

-
- O-02-5** Identification of a novel genetic modifier of age at onset in Japanese patients with ALS

Ryoichi Nakamura

Aichi Medical University, Japan

-
- O-02-6** Association between weight loss and pathological spreading to non-motor neurons in ALS

Kentarō Hayashi

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan / Department of Neurology, Tokyo Matsuzawa Hospital, Japan / Unit for Intractable Disease Nursing Care, Tokyo Metropolitan Institute of Medical Science, Japan

Cerebellar ataxia • Spastic paraplegia 1

Chairs : Fumiaki Tanaka

Department of Neurology and Stroke Medicine, Yokohama City University
Graduate School of Medicine, Japan

Kinya Ishikawa

Department of Personalized Genomic Medicine for Health, Institute of Science
Tokyo, Japan**O-03-1 CSF calretinin, a novel specific biomarker of multiple system atrophy**

Fumiko Nakamoto

Department of Neurology, National Center Hospital, National Center of Neurology and
Psychiatry, Japan**O-03-2 Identifying clinical progression markers in SCA31**

Hanako Aoki

Department of Neurology and Neurological Science, Graduate School, Institute of Science Tokyo,
Japan**O-03-3 Impaired knee joint extension could be the first symptom of spastic paraparesis**

Shun Ishiyama

Department of Neurology, Tohoku University Hospital, Japan

O-03-4 Multicenter study for natural history of idiopathic cerebellar ataxia:3-year follow-up

Akira Matsushima

Department of Medicine (Neurology & Rheumatology, Shinshu University School of Medicine,
Japan / Department of Rehabilitation Medicine, Shinshu University Hospital, Japan**O-03-5 Eye-hand coupling features in visual reaching task in hereditary spinocerebellar ataxia**

Satomi Inomata-Terada

Department of Medical Physiology, Kyorin University, Japan / Department of Neurology, The
University of Tokyo, Japan**O-03-6 Establishment and analysis of iPSC-derived sensory neurons from CANVAS patients**

Ryoji Morishita

Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of
Medicine, Japan

Neuromuscular junction disease 1

Chair : Naoki Kawaguchi

Neurological center, Neurology Chiba Clinic, Japan

O-04-1 Clinical Significance of Serial Antibody Titers in MuSK antibody-positive Myasthenia Gravis

Manato Yasuda

Department of Neurology, Graduate School of Medicine, Chiba University, Japan

O-04-2 Lambert-Eaton myasthenia syndrome associated with immune checkpoint inhibitor

Hiroki Maesaka

Department of Neurology, Faculty of Medicine, University of Toyama, Japan

O-04-3 Healthcare Economic Analysis of C5 Inhibitors for Generalized Myasthenia Gravis in Japan

Mieko Ogino

International University of Health and Welfare School of Medicine Center for Medical Education, Japan

O-04-4 Safety and Effectiveness of Efgartigimod in Patients with gMG in Japan: Interim Analysis of PMS Data

Hirofumi Teranishi

argenx Japan K.K. Medical Affairs, Japan

O-04-5 the transition to the subcutaneous injection of the FcRn inhibitor for generalized myasthenia gravis

Masaaki Yoshikawa

Division of Neurology, Department of Internal Medicine, Faculty of Medicine, Saga University, Japan

O-04-6 Self-administration of rozanolixizumab in generalized myasthenia gravis: MG0020 study

Genya Watanabe

Department of Neurology, National Hospital Organization Sendai Medical Center, Japan / MG0020 study team

Parkinson's disease 1

Chairs : Shigeki Arawaka

Department of Internal Medicine IV, Division of Neurology, Osaka Medical and Pharmaceutical University, Japan

Kensuke Ikenaka

Department of neurology, Osaka University Graduate School of Medicine, Japan

O-05-1 Alpha-synuclein RT-QuIC sensitivity is associated with cardiac MIBG abnormality in Lewy body disease

Masanori Kurihara

Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology (TMIG), Japan / Integrated Research Initiative for Living Well with Dementia, TMIG, Japan

O-05-2 Plasma Proteomic Analysis in Patients and High-Risk Individuals with Parkinson's Disease

Yuki Saito

Department of Neurology, Nagoya University Graduate School of Medicine, Japan

★ **O-05-3** Role of Nurrl-miR-30e-NLRP3 axis in inflammation-mediated neurodegeneration of Parkinson's disease
(APe-01-5)

Tianbai Li

First Affiliated Hospital of Dalian Medical University, China

O-05-4 Ten-years accomplishment of Japan Parkinson's Progressive Markers Initiative (J-PPMI)

Yuji Takahashi

Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan

O-05-5 CSF Mitochondrial DNA Correlates with Body Composition and Energy Metabolism in Parkinson's Disease

Yasuaki Mizutani

Department of Neurology, Fujita Health University School of Medicine, Japan

O-05-6 Associations among blood sphingolipids, clinical manifestations and prognosis in Parkinson's disease

Hideki Oizumi

Department of Neurology, NHO sendai nishitaga hospital, Japan

Neuroimmunology 1 (MS • MNO)

Chair : Tatsusada Okuno

Department of Neurology, Osaka University Graduate School of Medicine,
Japan**O-06-1 Association between slowly expanding lesions and gray matter volume loss in multiple sclerosis**

Hiroaki Yokote

Department of Neurology, Tokyo Metropolitan Komagome Hospital, Japan / Department of
Neurology and Neurological Science, Institute of Science Tokyo, Japan**O-06-2 Study about the optimal treatment target of dimethyl fumarate in Japanese multiple sclerosis**

Eizo Tanaka

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu
University, Japan / Miyazaki Prefectural Miyazaki Hospital, Japan**O-06-3 Prognostic Prediction of NMOSD by Complement Factors - Probability of Recurrence**

Katsuichi Miyamoto

Department of Neurology, Wakayama Medical University, Japan

O-06-4 The Japan Neuromyelitis Optica Spectrum Disorders Registry: analysis of the initial 116 cases

Yusei Miyazaki

National Hospital Organization Hokkaido Medical Center, Japan

O-06-5 Survey on Inebilizumab Use for NMOSD (5th interim analysis): Real-world Use of Oral Glucocorticoids

Shinya Hirota

Mitsubishi Tanabe Pharma Corporation, Japan

O-06-6 Extended-RIN study

Masayuki Tahara

Clinical research Center, National Hospital Organization Utano National Hospital, Japan

Parkinson's syndrome 1

Chairs : Masato Asanuma

Okayama Univ. Grad. Sch. of Med., Dent. and Pharmaceut. Sci., Dept. of Med. Neurobiol., Japan

Takafumi Hasegawa

Dept Neurology, NHO Sendai Nishitaga Hospital, Japan

O-07-1 Tau Topologies Characteristic of Progressive Supranuclear Palsy Subtypes Revealed by PET

Yuko Kataoka

Advanced Neuroimaging Center, Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology (QST), Chiba, Japan

O-07-2 Artificial Intelligence for Differentiating Neuropathology of Parkinsonism from Early Presentations

Daisuke Ono

Department of Neuroscience, Mayo Clinic, USA / Department of Neurology and Neurological Science, Institute of Science Tokyo, Japan

O-07-3 Gap junction-mediated alpha-synuclein sharing among glia reduces neuronal oligomer spreading in MSA

Masaya Harada

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan / Division of Respiriology, Neurology and Rheumatology, Department of Medicine, Kurume University School of Medicine, Kurume, Japan

O-07-4 Altered Tryptophan Metabolism and the Role of the Kynurenine Pathway in Multiple System Atrophy

Ryunosuke Nagao

Department of Neurology, Fujita Health University School of Medicine, Japan

O-07-5 A pilot study assessing glycolipids dysmetabolism in idiopathic normal pressure hydrocephalus

Tatsuro Mutoh

Department of Neurology, Fujita Health University Hospital, Japan

O-07-6 microRNA 6088 and tau protein in neuronal differentiation of SH-SY5Y cells for pathogenesis of PSP

Hiroschi Takigawa

Division of Neurology, Department Brain and Neurosciences, Tottori University, Japan

O-08 Oral Session 08**Jp**

May 21 (Wed) 15:35 ~ 17:05 Room 10 (Osaka International Convention Center 11F Conference Room 1101-1102)

Headache • Sleep disorder

Chair : Eiichiro Nagata

Department of Neurology, Tokai University School of Medicine, Japan

O-08-1 Patient-doctor communication in migraine: Results from the OVERCOME (Japan) 2nd Study

Shiho Suzuki

Dokkyo Medical University, Japan

O-08-2 Real-world use of over-the-counter migraine medications: Results from the OVERCOME (Japan) 2nd Study

Ryotaro Ishii

Kyoto Prefectural University of Medicine, Japan

O-08-3 The burden of migraine: 3-month Japan subgroup findings from TRIUMPH Study

Tsubasa Takizawa

Department of Neurology, Keio University School of Medicine, Japan

O-08-4 A study of migraine-related difficulties in going to school

Kenichi Kashiwara

Okayama Neurology Clinic, Japan

O-08-5 Factors affecting headaches in the workplace

Masako Yokoyama

FUJITSU Limited Health Promotion Unit, Japan

O-08-6 Survey of the awareness of sleep medicine in members of the Japanese Society of Neurology

Hiroaki Fujita

Department of Neurology, Dokkyo Medical University, Japan

O-09 Oral Session 09**En**

May 21 (Wed) 15:35 ~ 17:05 Room 11 (Osaka International Convention Center 8F Conference Room 801-802)

Dementia 1

Chairs : Masaki Ikeda

Faculty of Health & Medical Care (Neurology), Saitama Medical University, Japan

Kazushi Suzuki

Division of Neurology, National Defense Medical College, Japan

★ O-09-1 Intermittent Theta-Burst Stimulation Effects on Cognition and Glymphatic Activity in MCI and AD (APe-01-4)

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

O-09-2 withdrawn

O-09-3 Brain imaging profiles of AOS and agrammatism in Japanese and English speakers with nvPPA [Encore Presentation]

Yuichi Higashiyama

Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine, Japan / School of Psychology, Faculty of Science, The University of Sydney, Australia / Brain & Mind Centre, The University of Sydney, Australia

O-09-4 Plasma NfL/amyloid beta42/40 index is useful for early diagnosis and monitoring of Alzheimer disease

Ayako Sakoda

Department of Neurology, Brain and Nerve Center, Fukuoka Central Hospital, International University of Health and Welfare, Japan / Translational Neuroscience Research Center, Graduate School of Medicine, International University of Health and Welfare, Japan

O-09-5 Impact of lecanemab on health outcomes in Alzheimer's disease from a Japanese societal perspective

Ataru Igarashi

Graduate School of Pharmaceutical Sciences, The University of Tokyo, Japan

O-09-6 The precuneus and posterior cingulate gyrus contribute to the temporal orientation in AD

Akinori Futamura

Division of Neurology, Department of Internal Medicine, Showa University Fujigaoka Hospital, Kanagawa, Japan / Division of Neurology, Department of Internal Medicine, Showa University School of Medicine, Tokyo, Japan

O-10 Oral Session 10

En

May 21 (Wed) 15:35 ~ 17:05 Room 12 (Osaka International Convention Center 7F Conference Room 701-702)

Muscle disease 1

Chairs : Yukiko Hayashi

Department of Pthophysiology, Tokyo Medical University, Japan

Takashi Kimura

Hyogo Medical University, Department of Neurology, Japan

O-10-1 Patients with anti-HMGR antibody show atypical skin manifestations

Takashi Kurashige

Department of Neurology, NHO Kure Medical Center and Chugoku Cancer Center, Japan

O-10-2 Features of missense variants located in the IDysF domain in dysferlin gene in Japan

Toshiaki Takahashi

Department of Neurology, National Hospital Organization Sendai Nishitaga Hospital, Japan

O-10-3 Dystrophin restoration via exon-skipping modulates muscle lipidome in Duchenne muscular dystrophy

Katsuhiko Kunitake

Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP), Japan

- O-10-4** Beker muscular dystrophy mice showed type IIa fiber specific capillary change in skeletal muscle
Daigo Miyazaki
 Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan / Intractable Disease Care Center, Shinshu University Hospital, Japan

- O-10-5** Elucidation of the pathomechanisms of skeletal muscle damage in Emery-Dreifuss muscular dystrophy
Yukiko Hayashi
 Department of Pathophysiology, Tokyo Medical University, Japan

- O-10-6** Myostatin inhibition restores sarcopenia and extends lifespan in the alpha-Klotho knockout mice
Yutaka Ohsawa
 Department of Neurology, Kawasaki Medical School, Japan

O-11 Oral Session 11

Jp

May 22 (Thu) 9:45 ~ 10:45 Room 01 (Osaka International Convention Center 5F Large Hall)

Parkinson's disease 2

Chair : Kazushi Takahashi
 Tokyo Metropolitan Neurological Hospital, Japan

- O-11-1** Association Between Sebum Secretion and Cardiac Sympathetic Dysfunction in Parkinson's Disease
Tomomichi Kitagawa
 The Jikei University School of Medicine Daisan Hospital, Department of Neurology, Japan

- O-11-2** Investigation of brain region associated with apathy and depression in Parkinson's disease using MRI
Masakazu Ozawa
 Department of Neurology, The Jikei University School of Medicine, Japan / Division of Regenerative Medicine, The Jikei University School of Medicine, Japan

- O-11-3** Blood Pressure Variability and Dopaminergic Degeneration in de novo Parkinson's Disease
Hiromasa Matsuno
 Department of Neurology, The Jikei University School of Medicine, Japan

- O-11-4** Association between the appearance of visual hallucinations and brain atrophy in LDP/LCP
Naoko Nakamura
 Department of Neurology, Graduate School of Medicine, Mie University, Japan

Neuroimmunology 2 (GBS)

Chair : Kenichi Kaida

Dept. of Neurology, Saitama Medical Center, Saitama Medical University, Japan

O-12-1 Validity of EAN/PNS diagnostic criteria in patients with Guillain-Barré syndrome

Miki Fukazawa

Department of Neurology, Nippon Medical School Hospital, Japan

O-12-2 Clinical characteristics of GBS with cranial nerve involvements-Japanese prospective study

Yuko Yamagishi

Department of Neurology, Kindai University Faculty of Medicine, Japan

O-12-3 Anti-Ganglioside Antibodies and Clinical Features in COVID-19-Associated Guillain-Barré Syndrome

Mitsuhiro Kainaga

Department of Neurology, Kyorin University School of Medicine, Japan

O-12-4 Sites of conduction blocks in acute motor axonal neuropathy

Teruhiko Sekiguchi

Department of Neurology, Yokohama City Minato Red Cross Hospital, Japan

Dystonia/ Involuntary movement/ Peripheral neuropathy

Chairs : Masahiro Horiuchi

Yui Odawara Clinic attached Hakone Rehabilitation Hospital, Japan

Yoshiki Sekijima

Shinshu University School of Medicine, Japan

O-13-1 Somatotopy in the primary motor and somatosensory cortices in musician's dystonia

Yohei Aoshima

Department of Advanced Neuroimaging, Integrative Brain Imaging Center, National Center of Neurology and Psychiatry, Japan / Department of NCNP Brain Function and Pathology, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan

O-13-2 Essential Tremor, Essential Tremor Plus, and Dystonic Tremor: Distinct Entities vs. a Continuum

Takashi Tsuboi

Nagoya University, Japan

O-13-3 withdrawn

O-13-4

Serum cytokines are biomarkers of TTR-A97S-related familial amyloidotic polyneuropathy

Yo-tsen Liu

Neurological Institute, Taipei Veterans General Hospital, Taiwan / School of Medicine, National Yang Ming Chiao Tung University, Taiwan / Institute of Brain Science, School of Medicine, National Yang Ming Chiao Tung University, Taiwan / Brain Research Center, National Yang Ming Chiao Tung University, Taiwan

O-14 Oral Session 14

Jp

May 22 (Thu) 9:45 ~ 10:45 Room 04 (Osaka International Convention Center 10F Conference Room 1001-1002)

Motor neuron disease 2

Chair : Hitoshi Warita

Department of Neurology, Tohoku University Graduate School of Medicine, Japan

O-14-1

The Association between Cognitive function and Neuroimaging finding in Amyotrophic Lateral Sclerosis

Yuta Komori

Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan

O-14-2

Development of the draft of Japanese self-administered version of the ALSFRS-R using ePRO

Yuko Kobayakawa

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan / Center for Clinical and Translational Research, Kyushu University Hospital, Fukuoka, Japan

O-14-3

Patients with ALS on tracheostomy invasive ventilation have high blood glucose but low HbA1c and GA

Kota Bokuda

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-14-4

Assessment of physical and psychological distress in ALS using the ALS Palliative Care Scale

Toshio Shimizu

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan / Palliative Care Team, Tokyo Metropolitan Neurological Hospital, Japan

Headache

Chairs : Takao Takeshima

Department of Neurology, Tominaga Hospital, Japan

Kazumasa Saigoh

Department of Clinical Genetics, Kindai University Hospital, Japan

O-15-1 The CGRP Monoclonal Antibody Treatment Affects Brain Volume and Magnetic Susceptibility in Migraine

Yuya Kano

Department of Neurology, Toyokawa City Hospital, Japan / Department of Neurology, Nagoya City University Graduate School of Medical Sciences, Japan

O-15-2 Long-term efficacy of 675-mg Fremanezumab on Chronic, Episodic, and Medication-Overuse Headaches

Shohei Yoshida

Japanese Red Cross Society Shizuoka Hospital, Japan

O-15-3 withdrawn**O-15-4 TRP channel may be the key role for sensing the atmospheric pressure change inducing migraine**

Hitoshi Maeda

Department of Rehabilitation, Uekusa Gakuen University, Japan

Neuroradiology, Functional image

Chairs : Masamichi Ikawa

Department of Community Health Science, University of Fukui, Japan

Takaaki Hattori

Department of Neurology, Institute of Science Tokyo, Japan

O-16-1 Simultaneous brain and spinal cord fMRI during hand motor tasks in patients with focal dystonia

Ryo Tokimura

Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan / Department of Advanced Neuroimaging, Integrative Brain Imaging Center, National Center of Neurology and Psychiatry, Japan

O-16-2 Effects of Lecanemab on Cerebral Blood Flow and Brain Microstructure in MCI Patients

Toshiya Takahashi

Kyoto University Graduate School of Medicine Department of Neurology, Japan

O-16-3 Increased curvature over decreased cortical thickness is biomarker of amyotrophic lateral sclerosis

Takaaki Hattori

Department of Neurology and Neurological Science, Institute of Science Tokyo, Japan

- O-16-4** Cerebral structure and function changes in adult neuronal intranuclear inclusion disease
Zhang Guorong
Affiliated Hospital of Jining Medical University, China

O-17 Oral Session 17

Jp

May 22 (Thu) 9:45 ~ 10:45 Room 08 (Osaka International Convention Center 12F Grande Toque)

Clinical neurophysiology

Chair : Tomihiro Imai

Department of Neurology, National Hospital Organization Hakone Hospital,
Japan

- O-17-1** Relationship between muscle action current and potential in single motor unit by magnetoneurography
Kentaro Nakayama
Department of Neurology, Kansai Medical University, Japan / Department of functional diagnostics of Spinal Cord and Peripheral Nerve, Japan

- O-17-2** Quadrupole-based magnetic field analysis visualized the excitatory site in the sural nerve
Tai Otani
Department of Neurology and Neurological Science, Institute of Science Tokyo, Japan

- O-17-3** Prediction of autonomic function by pulse wave variability using a watch-type wearable sensor
Masashi Suzuki
Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Department of Clinical Laboratory, Nagoya University Hospital, Japan

- O-17-4** A Study on Removing Baseline Distortion from Sural Nerve Conduction Waveforms Using Machine Learning
Ryo Hara
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan

O-18 Oral Session 18

En

May 22 (Thu) 9:45 ~ 10:45 Room 09 (Osaka International Convention Center 12F Conference Room 1202)

Neurogenetics 1

Chairs : Hiroyuki Ishiura

Department of Neurology, Okayama University, Japan

Makiko Taira

Department of Integrative Genomics, Tohoku Medical Megabank
Organization, Tohoku University, Japan

- O-18-1** Broadening the Understanding of NIID: Clinical and MRI Findings in Taiwanese Patients
Yi-chung Lee
Taipei Veterans General Hospital, Taiwan / National Yang Ming Chiao Tung University School of Medicine, Taiwan

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- ★ **O-18-2** The genetic architecture of the human hypothalamus and its involvement in neuropsychiatric disorders
(APe-01-1) Shidong Chen
Fudan University, China
-
- ★ **O-18-3** Identifying causal genes for stroke via integrating proteome and transcriptome from brain and blood
(APe-01-3) Bang Sheng Wu
Huashan Hospital, Fudan University, China
-
- O-18-4** Unraveling the Genetic Landscape of SCA27B: Nanopore Sequencing of GAA-FGF14 Ataxia in Japanese
Satoko Miyatake
Department of Clinical Genetics, Yokohama City University Hospital, Japan
-

O-19 Oral Session 19

Jp

May 22 (Thu) 9:45 ~ 10:45 Room 10 (Osaka International Convention Center 11F Conference Room 1101-1102)

Cerebrovascular disease 2

Chair : Tadashi Terasaki

Japanese Redcross Kumamoto Hospital, Japan

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- O-19-1** Diastolic blood pressure >100 mmHg may worsen the clinical outcome after mechanical thrombectomy
Junya Aoki
Department of Neurology, Nippon Medical School, Japan
-
- O-19-2** Outcomes of mechanical thrombectomy in acute ischemic stroke patients with active cancer
Rei Sakurai
Department of Neurology, Osaka University Graduate School of Medicine, Osaka, Japan
-
- O-19-3** Effects of prehospital evaluation of LVO on the city-wide stroke transportation system in Kawasaki
Takahiro Shimizu
Department of Neurology, St Marianna University School of Medicine, Japan
-
- O-19-4** Low PT-INR level is a risk factor of cerebral infarction after andexanet
Kazuma Ota
Kobe City Medical Center General Hospital, Japan
-

Epilepsy 1

Chairs : Kazutaka Jin

Department of Epileptology, Tohoku University Graduate School of Medicine,
Japan

Kei-ichiro Takase

Department of Neurology, Iizuka Hospital, Japan

O-20-1 Neuroinflammation in TLE patients with worsening seizure after COVID-19: A [18F] DPA-714 PET/MR study

Ling Xiao

Xiangya Hospital of Central South University, China

O-20-2 withdrawn

O-20-3 Clinical Features of Autoimmune Epilepsy: Seizure Outcomes in a Multicenter Observational Study

Maya Tojima

Department of Neurology/Epilepsy, Movement Disorders and Physiology, Kyoto University
Graduate School of Medicine, Japan

O-20-4 QUALITY OF LIFE AND ASSOCIATED FACTORS AMONG PEDIATRIC PATIENTS WITH EPILEPSY IN A TERTIARY HOSPITAL

Kimberly Dianne F. Mejia

Baguio General Hospital and Medical Center, Philippines

Neuromuscular junction disease 2

Chair : Yasushi Suzuki

National Hospital Organization Sendai Medical Center, Japan

O-21-1 Safety of Intravenous Methylprednisolone Pulse Therapy for Ocular Myasthenia Gravis

Tomoko Tanaka

Division of Neurology, Kobe University Graduate School of Medicine, Japan

O-21-2 Treatment patterns of patients with late elderly-onset myasthenia gravis

Akiyuki Uzawa

Department of Neurology, Graduate School of Medicine, Chiba University, Japan

O-21-3 Predicting achievement of clinical goals using machine learning in myasthenia gravis

Hiroyuki Akamine

Graduate School of Medicine, Chiba University Neurology, Japan

- O-21-4** Long-term safety and efficacy of zilucoplan in gMG: 120-week interim analysis of RAISE-XT [Encore Presentation]

James F. Howard Jr.

Department of Neurology, The University of North Carolina at Chapel Hill, USA

O-22 Oral Session 22

Jp

May 22 (Thu) 9:45 ~ 10:45

Room 14 (RIHGA Royal Hotel Osaka 3F Korin 2)

Neuroinfection

Chair : Yoshiharu Miura

Department of Neurology, Tokyo Metropolitan Komagome Hospital, Japan

- O-22-1** Natural history of Gerstmann-Sträussler-Scheinker Disease in northern Kyushu

Kohei Suzuyama

Division of Neurology, Department of Internal Medicine, Faculty of Medicine, Saga University, Saga, Japan

- O-22-2** Functions of the nigrostriatal system in PRNP-P102L variant Gerstman-Sträussler-Scheinker disease

Natsuki Ono

Department of Neurology, Imari Arita Kyoritsu Hospital, Japan / Division of Neurology, Department of Internal Medicine, Faculty of Medicine, Saga University, Japan / Department of Neurology, Kouhoukai Takagi Hospital, Japan

- O-22-3** Efficacy of G-CSF Treatment for Progressive Multifocal Leukoencephalopathy

Ryunosuke Matsumura

Department of Neurology, Institute of Science Tokyo Hospital, Japan

- O-22-4** Utility of the FilmArray Meningitis/Encephalitis Panel® in Diagnosing Varicella-Zoster Virus

Sota Uemura

Department of Neurology, Kobe City Medical Center General Hospital, Japan

O-23 Oral Session 23

Jp

May 22 (Thu) 9:45 ~ 10:45

Room 15 (RIHGA Royal Hotel Osaka 3F Korin 3)

Dementia 2

Chair : Etsuro Matsubara

Oita University Faculty of Medicine, Japan

- O-23-1** Time to Diagnosis in early onset Alzheimer's disease in Japan

Kensaku Kasuga

Brain Research Institute, Niigata University, Japan

- O-23-2** The characteristics and hemispheric predominance of singing disorder in primary progressive aphasia

Yoko Sunami

Tokyo Metropolitan Neurological Hospital, Japan

O-23-3

Measurement of intestinal microbiota in cognitive-impaired patients with cerebral lesion PVH

Nagato Kuriyama

Shizuoka Graduate University of Public Health, Japan / Department of Epidemiology for Community health and Medicine, Kyoto Prefectural University of Medicine, Japan / Department of Neurology, Shizuoka General Hospital, Japan

O-23-4

Mild Cognitive Impairment Detection by Gaze Digital Phenotype

Masahiro Miyake

Kyoto University Graduate School of Medicine, Department of Ophthalmology, Japan

O-24 Oral Session 24

En

May 23 (Fri) 10:15 ~ 11:45 Room 01 (Osaka International Convention Center 5F Large Hall)

Neuroimmunology 3 (Basic research)

Chairs : Shinji Oki

Dept. of Immunol., National Institute of Neuroscience, NCNP, Japan

Jin Nakahara

Department of Neurology, Keio University School of Medicine, Japan

O-24-1

Fibronectin: a potential target to restore blood-brain barrier integrity in multiple sclerosis

Hideaki Nishihara

Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

O-24-2

Cytotoxic CD8 T Cell Response to EBV: Insights into EBV-Driven Mechanisms in Multiple Sclerosis

Shinji Ashida

National Institutes of Health, USA

O-24-3

Neural repair and progression inhibition via modulation of microglia by effector regulatory T cells

Youwei Lin

Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan / Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan

O-24-4

Characteristic deposition patterns of complements in NMOSD, MOGAD, and MS

Yoshiki Takai

Department of Neurology, Tohoku University Hospital, Japan / Department of Pathology, Tohoku University Hospital, Japan

O-24-5

Establishment of assay system for KLHL11 antibodies and results in autoimmune cerebellar ataxia

Shintaro Fujii

Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan

- O-24-6** BK channel activation has neuroprotective effects in NMOSD model mice via regulating astrocytes

Kotaro Iida

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

O-25 Oral Session 25

Jp

May 23 (Fri) 10:15 ~ 11:45 Room 02 (Osaka International Convention Center 5F Small Hall)

Parkinson's disease 3

Chair : Atsushi Takeda

National Hospital Organization Sendai Nishitaga Hospital, Japan

- O-25-1** Additional dosing regimen for foslevodopa foscarnidopa hydrate combination subcutaneous infusion

Juri Nomoto

Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan

- O-25-2** Bilateral effects of pallidothalamic tractotomy using MRgFUS for patients with Parkinson's disease

Jun Ikezawa

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

- O-25-3** Utility of NOS-DX1000 for olfactory function in patients and at-risk subjects of Parkinson's disease

Taiki Fukushima

Department of Neurology, Nagoya University Graduate School of Medicine, Japan

- O-25-4** The prognosis of fatigue in Parkinson's disease patients one year after the use of PFS-16

Hisae Sumi-Akamaru

Dept. of Neurology, Higashiosaka Medical Center, Japan

- O-25-5** Relationship between micrographia and motor dysfunction in Parkinson's disease

Naohisa Ueda

Department of Neurology, Yokohama City University Medical Center, Japan

- O-25-6** Relationship between sarcopenia and vitamin B6 in Parkinson's disease

Eriko Yokoyama

Akita prefectural center for rehabilitation and psychiatry, Japan

Muscle disease 2

Chair : Hiroto Takada

Department of Neurology, Aomori National Hospital, Japan

O-26-1 Update of Clinical Research for skeletal muscle channelopathies in Japan

Tomoya Kubota

Clinical Neurophysiology, Department of Clinical Laboratory and Biomedical Sciences, Division of Health Sciences, Osaka University Graduate School of Medicine, Japan

O-26-2 Relationship between neurogenic changes on needle EMG and clinical features of IBM

Kaito Watanabe

Nippon Medical School, Department of Neurology, Japan

O-26-3 Clinicopathological characteristics of chronic cases of immune-mediated necrotizing myopathy

Shogo Komaki

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

O-26-4 SSc associated myopathy complicated with collagen disease and myositis specific antibodies

Asuka Kitamura

Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan /
Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan**O-26-5 Interim analysis of a multicenter natural history study of ambulatory myotonic dystrophy patients**

Masanori Takahashi

Clinical Neurophysiology, Osaka University Graduate School of Medicine, Japan

O-26-6 Characteristics of Facioscapulohumeral Muscular Dystrophy in Japan from Patient Registry Data

Tsuyoshi Matsumura

Department of Neurology, NHO Osaka Toneyama Medical Center, Japan

Cerebrovascular disease 3

Chair : Shigeru Fujimoto

Division of Neurology, Department of Medicine, Jichi Medical University, Japan

O-27-1 Clinical features of cardioembolic stroke due to wild-type ATTR cardiac amyloidosis

Shizuka Harada

Department of Neurology, Graduate School of Medical Sciences, Kumamoto University, Japan

- O-27-2** Association between RNF213 p.R4810K SNP and short-term recurrence of ischemic stroke

Masamitsu Takashima

Department of Neurology, Kyushu Central Hospital, Japan / Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu University, Japan

- O-27-3** Prevalence and clinical presentation of JAK2 V617F mutation in patients with cerebral infarction

Toshiyuki Hayashi

Department of Neurology, Nippon Medical School Hospital, Japan

- O-27-4** Sex differences of subtypes, risk factors, and mortality for cancer in patients with ischemic stroke

Takashi Shimoyama

Department of Neurology, Nippon Medical School, Japan

- O-27-5** Effectiveness of VR-guided Somato-Cognitive Coordination Therapy for Hemiplegia in Chronic Stroke

Masahiko Hara

Center for Community-Based Healthcare Research and Education, Shimane University Faculty of Medicine, Japan / mediVR Rehabilitation Center Osaka, Japan

- O-27-6** Sensory disturbance and facial palsy were difficult to recognize by discoverer in-hospital stroke

Hiroyuki Kida

Department of neurology, The Jikei university school of medicine, Japan

O-28 Oral Session 28

En

May 23 (Fri) 10:15 ~ 11:45 Room 05 (Osaka International Convention Center 10F Conference Room 1009)

Motor neuron disease 3

Chairs : Shinsuke Ishigaki

Shiga University of Medical Science, Molecular Neuroscience Research Center, Japan

Osamu Kano

Department of Neurology, Toho University Faculty of Medicine, Japan

- O-28-1** Synaptic proteomics reveals key proteins of neuromuscular junction pathology in FUS-ALS

Ryuhei Harada

Department of Neurology, Tohoku University Graduate School of Medicine, Japan

- O-28-2** RNA-intrinsic defects initiate TDP-43 dysregulation in ALS

Shingo Koide

Department of Neurology, Brain Research Institute (BRI), Niigata University, Japan

- O-28-3** Neuroprotective Effects of S-Allyl Cysteine in Amyotrophic Lateral Sclerosis

Daisuke Ito

Nagoya University Graduate School of Medicine Department of Neurology, Japan

O-28-4 The relationship between TDP43 and heat shock proteins evaluated with a new live-cell imaging method

Toru Yamashita

Department of Neurology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Japan

O-28-5 Inositol pyrophosphate promotes liquid-liquid phase separation (LLPS)

Eiichiro Nagata

Department of Neurology, Tokai University School of Medicine, Japan

O-28-6 Cholesterol synthase is impaired in astrocytes at early stages of spinal and muscular atrophy

Madoka Iida

Department of Neurology, Nagoya University, Japan

O-29 Oral Session 29

Jp

May 23 (Fri) 10 : 15 ~ 11 : 45 Room 06 (Osaka International Convention Center 10F Conference Room 1008)

Neuropathy

Chair : Mitsuharu Ueda

Department of Neurology, Kumamoto University, Japan

O-29-1 The significance of aberrant nerve conduction in hereditary transthyretin amyloidosis

Toshihiro Ide

Division of Neurology, Department of Internal Medicine, Saga University Faculty of Medicine, Japan

O-29-2 Analysis of MRI Leptomeningeal Enhancement in V30M Type Hereditary ATTR Amyloidosis

Yohei Misumi

Department of Neurology, Kumamoto University, Japan

O-29-3 Diabetic neuropathy increases the incidence of diabetic foot, macrovascular events and sudden death

Masayuki Baba

Department of Neurology, Aomori Prefectural Central Hospital, Japan

O-29-4 Nerve excitability in type1 diabetic patients after simultaneous pancreas and kidney transplantation

Sagiri Iose

Department of Neurology, NHO Chibahigashi National Hospital, Japan

O-29-5 Development of the AI model that supports diagnosis for peripheral neuropathies

Tomoki Suichi

Department of Neurology, Graduate School of Medicine, Chiba University, Japan

O-29-6 Association of serum Annexin A2-IgG titers with clinical symptoms in patients with neuropathic pain

Kaoru Kashu

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

O-30 Oral Session 30

En

May 23 (Fri) 10:15 ~ 11:45 Room 07 (Osaka International Convention Center 12F Conference Hall)

Neuroscience

Chairs : Hideyuki Okano

Keio University, Japan

Yoshitaka Nagai

Department of Neurology, Kindai University Faculty of Medicine, Japan

★ **O-30-1** An Atlas of Plasma Metabolites Uncovers Neurological Disease
(APe-01-7) 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

O-30-2 withdrawn

O-30-3 The role of PKC in hypoxia-induced glutamate release modulation in retinocollicular synapses

Hanna Dumanska

Bogomoletz Institute of Physiology, National Academy of Science of Ukraine, Ukraine

O-30-4 Role of natural herb Carum Copticum Benth and Thymol on management of Alzheimer's dementia

Saara Muddasir Khan

The Aga Khan University, Karachi, Pakistan

O-30-5 Whole-Brain Irradiation as a Model for Studying Age-Related Motor Memory Impairments

Rujapope Sutiwisesak

Department of Physiology, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

O-30-6 Oxygen tension regulates the phenotype of oligodendrocyte precursor cells

Ken Yasuda

Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Dementia 3

Chair : Taizen Nakase

Tohoku University, Institute of Development, Aging and Cancer, Japan

-
- O-31-1** Pathophysiological evaluation using EEGs and plasma AD biomarkers in a community-based cohort

Kohei Morimoto

Division of Integrated Analysis of Bioresource and Health Care, Kobe University Graduate School of Medicine, Japan / Division of Neurology, Kobe University Graduate School of Medicine, Japan

-
- O-31-2** Predicting brain amyloid positivity on PET using a blood test for dementia screening

Noriyuki Kimura

Department of Neurology, Oita University, Faculty of Medicine, Japan

-
- O-31-3** study of factors associated with apoe and white matter lesions in lecanemab subjects

Asako Ueno

Fukui Saiseikai Hospital, Japan

-
- O-31-4** Clinical Features of Five Cases of Neuronal Intranuclear Inclusion Disease (NIID)

Kiku Uwatoko

Department of Neurology, Takagi Hospital, Japan

-
- O-31-5** Trajectories and predictors of treatment-related amyloid clearance [Encore Presentation]

Sergey Shcherbinin

Eli Lilly and Company, USA

-
- O-31-6** Effect of Donanemab on ARIA-E and Amyloid Lowering in Early Symptomatic Alzheimer's Disease

Taka Matsumura

Eli Lilly Japan K.K., Japan

Cerebrovascular disease 4

Chairs : Atsushi Nagai

Department of Neurology, Shimane University Faculty of Medicine, Japan

Akira Tsujino

Department of Neurology and Strokeology, Nagasaki University Hospital, Japan

- O-32-1** Use of laxative prior to acute intracerebral hemorrhage is related to greater hematoma volume

Takeo Sato

Department of Strokeology, Stroke Center, National Hospital Organization Kagoshima Medical Center, Japan

- O-32-2** Genetic Heterogeneity of atrial fibrillation and cardioembolic stroke in Chinese Stroke Patients

Lanxin Li

Department of Neurology, Beijing Tiantan Hospital, Capital Medical University, China / China National Clinical Research Center for Neurological Diseases, Beijing Tiantan Hospital, Capital Medical University, China

- O-32-3** High utility of MRI-ASL to assess cerebral blood flow in CADASIL

Takehito Kuroda

Department of Neurology, National Cerebral and Cardiovascular Center, Japan

- O-32-4** Prognostic Significance of Catecholamines in Acute Ischemic Stroke and Their Determinants

Motohiro Okumura

Department of Neurology, The Jikei University School of Medicine, Tokyo, Japan

- O-32-5** Functional outcomes of human urinary kallindinogenase in the treatment of acute ischemic stroke

Haiqiang Jin

Peking University First Hospital, China

- O-32-6** The comparison of swallowing screening tests with videofluoroscopic examination in stroke patients

Masahiro Nakamori

Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Japan / Department of Neurology, Saiseikai Kajikawa Hospital, Japan

Dementia 4

Chairs : Ayae Kinoshita

Human Health Sciences, Kyoto University Graduate School of Medicine, Japan

Moeko Shinohara

Department of Neurology, Kanazawa University, Japan

O-33-1 Effect of CR1 rs6656401 Polymorphism on Neuroimaging Biomarkers in Alzheimer's Disease Cohorts

Shuyun Zhou

the Wuxi No. 2 People's Hospital, Jiangnan University Medical Center, China

O-33-2 Integrated cerebellar radiomic model for predicting mild cognitive impairment in Alzheimer's disease

Weidong Le

First Affiliated Hospital of Dalian Medical University, China

O-33-3 withdrawn

O-33-4 Multimodal Neuroimaging Study Highlights Role of White Matter Lesions in Alzheimer's Disease

Yoshikazu Nakano

Department of Neurology/Medical Center for Dementia, Chiba University Hospital, Japan

O-33-5 Associations of social determinants of health with dementia risk, brain health, and life expectancy

Peiyang Gao

Xuanwu Hospital Capital Medical University, China

O-33-6 Association of Kidney Function with Dementia Risk: a Prospective Cohort Study of 275,167 Individuals

Xinrui Wu

Department of Neurology and National Center for Neurological Disorders, Huashan Hospital, Fudan University, China

Neurorehabilitation, Medical engineering, Medical treatment for incurable diseases

Chair : Ichiro Miyai

Department of Neurology, Morinomiya Hospital, Japan

O-34-1 Effectiveness of Hip Lift Swallowing Exercise for Esophageal Phase Dysphagia in Stroke Patients

Kenjiro Kunieda

Department of Neurology, Gifu University Graduate School of Medicine, Japan / Department of Rehabilitation Medicine, Hamamatsu City Rehabilitation Hospital, Japan

- O-34-2** Make-up therapy innovation with design thinking in intractable neurological diseases
Takayuki Fujii
Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan
- O-34-3** Quantitative differentiation of articulation between basal ganglia and cerebellar abnormalities
Risa Kotani
Department of Neurology, The University of Tokyo, Japan
- O-34-4** Consideration of rehabilitation admission for intractable neurological diseases in acute hospital
Masahiro Shimomura
Hyogo Prefectural Kakogawa Medical Center Neurology, Japan
- O-34-5** Periodical instruction & medical cooperation to patients with Parkinsonism in the dysphagia clinic
Sonoko Nozaki
Kansai Rosai Hospital, Department of Neurology, Japan
- O-34-6** Acceptance of patients with neurological diseases after the Noto earthquake and its problems
Chiho Ishida
Department of Neurology, NHO Iou National Hospital, Japan

O-35 Oral Session 35**En**

May 23 (Fri) 10:15 ~ 11:45 Room 12 (Osaka International Convention Center 7F Conference Room 701-702)

Parkinson's disease 4

Chairs : Nobukatsu Sawamoto
Department of Human Health Sciences, Kyoto University Graduate School of Medicine, Japan
Yasuhiko Baba
Department of Neurology, Fukuoka University, Japan

- O-35-1** Perampanel blocks transsynaptic alpha-synuclein spread and neuronal loss in Parkinson's disease mice
Norihito Uemura
Department of Neurology, Kyoto University Graduate School of Medicine, Japan / Department of Therapeutics for Multiple System Atrophy, Kyoto University Graduate School of Medicine, Japan / Department of Neurological Disease Control, Osaka Metropolitan University Graduate School of Medicine, Japan

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

- O-35-3** JKAP relates to disease risk, severity, and Th1&Th17 differentiation in Parkinson's disease
Jing-cong Zhuang
Department of Neurology, Zhongshan Hospital Xiamen University, Xiamen, China

O-35-4 Non-coding repeat gene analyses in Parkinson's disease and related disorders

Makito Hirano

Kindai University, Department of Neurology, Japan

O-35-5 PET study of regional brain mitochondrial function and glucose utilization in a marmoset LBD model

Tetsuya Hirato

Department of Neurology, Kyoto University Graduate School of Medicine, Japan

O-35-6 Analysis of visual abnormalities in synucleinopathy

Yoshinobu Amakusa

Department of Neurology, Nagoya University Graduate school of Medicine, Japan

O-36 Oral Session 36

Jp

May 23 (Fri) 10 : 15 ~ 11 : 45

Room 13 (RIHGA Royal Hotel Osaka 3F Korin 1)

Epilepsy 2

Chair : Katsuya Kobayashi

Department of Neurology, Kyoto University Graduate School of Medicine,
Japan

O-36-1 The factors of occurrence of late seizure in autoimmune encephalitis presenting status epilepticus

Yoshihiro Tanaka

Department of Neurology and Stroke Treatment, Japanese Red Cross Kyoto Daiichi Hospital,
Kyoto, Japan

O-36-2 Machine learning for detecting scalp EEG changes linked to intracranial epileptic discharges

Takahiro Yamaguchi

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu
University, Japan

O-36-3 Brain Imaging Characteristics of Epilepsy Associated with Chronic Subdural Hematoma

Sakurako Abe

Department of Neurology, National Cerebral and Cardiovascular Center, Japan

O-36-4 Evaluation of the risk factor about rhabdomyolysis in patients with epilepsy

Shunya Ohno

Tokai University School of Medicine, Department of Medicine, Japan

O-36-5 Survey results for transitional care in Epilepsy

Yoko Aburakawa

Department of Neurology, Nakamura Memorial Hospital, Japan / Epilepsy center, Nakamura
Memorial Hospital, Japan

O-36-6 **Diagnosis and treatment of focal seizures in Kochi Prefecture, 2nd report**

Hirokazu Furuya

Department of Neurology, Koga 21 Hospital, Japan / Department of Neurology, Nankoku Hospital, Japan

O-37 Oral Session 37

Jp

May 23 (Fri) 10:15 ~ 11:45

Room 14 (RIHGA Royal Hotel Osaka 3F Korin 2)

Neuroimmunology 4 (Clinical study)

Chair : Takahiro Iizuka

Department of Neurology Kitasato University School of Medicine, Japan

O-37-1 **Clinical features and current status of acute treatment in cryptogenic NORSE in Japan**

Tomomi Iwami

Department of Neurology, Kitasato University School of Medicine, Japan

O-37-2 **Clinical features of anti-NMDA receptor encephalitis in a Japanese Nationwide Survey (2nd survey)**

Izumi Kawachi

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

O-37-3 **Evaluation of the usefulness of the Autoimmune Encephalitis Prediction Score in new-onset Epilepsy**

Takuma Sato

Osaka General Medical Center Neurology, Japan

O-37-4 **Clinical features of anti-mGluR1 encephalitis in Japan**

Nobuaki Yoshikura

Department of Neurology Gifu University graduate school of medicine, Japan

O-37-5 **Biomarker of cerebrospinal fluid of autoimmune glial fibrillary acidic protein astrocytopathy**

Akio Kimura

Department of Neurology, Gifu University Graduate School of Medicine, Japan

O-37-6 **Clinical significance of CSF antibody titers based on HIS score in anti-NMDA receptor encephalitis**

Masaki Iizuka

Department of Neurology, Kitasato University School of Medicine, Japan

Neuroimmunology 5

Chairs : Takuya Matsushita

Kochi Medical School, Kochi University, Japan

Kimitoshi Kimura

Department of Neurology, Kyoto University Graduate School of Medicine,
Japan**O-38-1** Diagnostic values of central vein sign and paramagnetic rim lesion in multiple sclerosis

Koji Shinoda

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan

O-38-2 A novel nodal ATP1A2/3 antibody in CNS demyelinating disease relates to astroglia and axonal damage

Xu Zhang

Translational Neuroscience Research Center, Graduate School of Medicine, International
University of Health and Welfare, Okawa, Japan**O-38-3** Analysis of tissue-resident memory T cells in CNS lesions of multiple sclerosis in situ

Fumihiko Yanagimura

Department of Neurology, Brain Research Institute, Niigata University, Japan / Department of
Neurology, NHO Niigata National Hospital, Japan**O-38-4** Diversity of Iron Deposit Lesions in MS: Insights from Susceptibility-Weighted Imaging

Haruhiko Motegi

Department of Neurology, The Jikei University School of Medicine, Japan

O-38-5 Association between serum alpha-CGRP and clinical features in patients with NMOSD

Yuka Inoue

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu
University, Japan / Department of Anesthesiology and Critical Care Medicine, Kyushu
University, Japan**O-38-6** Specificity evaluation of the features included in the international MOGAD panel proposed criteria

Naoki Yamamoto

Department of Neurology, Tohoku University Graduate School of Medicine, Japan

Dementia 5

Chairs : Yasumasa Ohyagi

Department of Neurology and Geriatric Medicine, Ehime University, Japan

Kazuya Goto

Department of Regulation of Neurocognitive Disorders, Graduate School of Medicine, Kyoto University, Japan

- O-39-1** Apolipoprotein E aggregation in microglial lysosome induces amyloid pathology in Alzheimer's disease

Seiji Kaji

Technical University of Munich, Germany

- O-39-2** Oligomeric Tau Degradation by Autophagy

Tadanori Hamano

Department of Neurology, University of Fukui, Japan

- O-39-3** Gene therapy with AD-protective genetic variant of the APP gene

Hiroki Sasaguri

Dementia Pathophysiology Collaboration Unit, RIKEN Center for Brain Science, Japan

- O-39-4** Synaptotagmin1 directly regulates BACE1 protein expression levels via the lysosomal degradation

Takafumi Wada

Department of Neurology, Graduate School of Medicine, Kyoto University, Japan

- O-39-5** The genetic heterogeneity in AD contributes to concomitant clinical disorientation among the JP [Encore Presentation]

Makiko Taira

Department of Integrative Genomics, Tohoku Medical Megabank Organization, Tohoku University, Japan / Department of Neurology, Neuroscience & Sensory Organs, Tohoku University Graduate of Medicine, Japan

- O-39-6** AIM/CD5L promotes phagocytic removal of amyloid-beta thereby improving Alzheimer's disease

Natsumi Maehara

Department of Molecular Biomedicine for Pathogenesis, The Institute for AIM Medicine, Japan

Cerebellar ataxia • Spastic paraplegia 2

Chair : Masaaki Matsushima

Health Care Center, Hokkaido University, Japan

- O-40-1** Prediction of SARA scores of spinocerebellar degeneration using gait videos and deeplearning

Katsuki Eguchi

Hokuyukai Neurological Hospital, Japan / Hokkaido University, Japan

- O-40-2** Home-based rehabilitation therapy with Lumber-Type Hybrid Assistive Limb in spinocerebellar ataxias
Yoshiyuki Kishimoto
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
- O-40-3** The comparison of the clinical features and imaging findings of SCA27B diagnosed at our hospital
Ryoei Suzuki
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan
- O-40-4** An analysis of heart rate variability and clinical parameters in neurodegenerative diseases
Masayuki Sato
Department of Neurology, Gunma University Graduate School of Medicine, Japan
- O-40-5** The utility of immunohistochemical diagnosis of autoimmune cerebellar ataxia
Akira Takekoshi
Department of Neurology, Gifu University Graduate School of Medicine, Japan
- O-40-6** Clinical characteristics of 31 patients with Wernicke encephalopathy
Natsuki Tanaka
Department of Neurology, Tane General Hospital, Japan

O-41 Oral Session 41**En**

May 24 (Sat) 10 : 30 ~ 12 : 00 Room 05 (Osaka International Convention Center 10F Conference Room 1009)

Parkinson's disease 5

Chairs : Yasushi Osaki

Department of Neurology, Kochi Medical School Hospital, Japan

Tatsuya Yamamoto

Chiba Prefectural University of Health Sciences, Japan

- O-41-1** Modulation of coherence between cortex and subthalamic nucleus by DBS in Parkinson's disease
Yuta Terada
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- O-41-2** Autonomic dysfunction patterns in Parkinson's disease
Tomoko Totsune
Department of Neurology, NHO Sendai Nishitaga Hospital, Japan
- O-41-3** Motor Reserve Is Linked to Regular Physical Activity and Rapidly Declines in Parkinson's Disease
Akihiro Kikuya
Department of Neurology, Graduate School of Medicine, Kyoto University, Kyoto, Japan
- O-41-4** Clinicopathological Association of REM Sleep Behavior Disorder in Neurodegenerative Diseases
Hiroaki Sekiya
Department of Neuroscience, Mayo Clinic, USA / Division of Neurology, Kobe University Graduate School of Medicine, Japan

- O-41-5** Excessive daytime sleepiness is associated with motor and non-motor symptoms in Parkinson's disease

Shuro Kogawa

Kohka Public Hospital, Japan

- O-41-6** AMPA receptor density changes associated with dopamine transporter density decline in the striatum

Hiroki Abe

Department of Physiology, Graduate school of medicine, Yokohama City University, Japan

O-42 Oral Session 42

Jp

May 24 (Sat) 10:30 ~ 12:00 Room 06 (Osaka International Convention Center 10F Conference Room 1008)

Neurogenetics 2

Chair : Jun Mitsui

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

- O-42-1** Alexander disease with GFAP mutation presenting as ischemic stroke due to basilar artery dissection

Tomoaki Miyake

Department of Neurology, Kyoto University Graduate School of Medicine, Japan

- O-42-2** A pilot study of quantitative testing of Sudo motor function in patients with Fabry disease

Katsuya Nakamura

Department of Medicine (Neurology & Rheumatology), Shinshu University School of Medicine,
Japan / Center for Medical Genetics, Shinshu University Hospital, Japan

- O-42-3** Targeted nanopore sequencing using the Flongle device to identify mitochondrial DNA variants

Shintaro Akamatsu

Department of Neurology, St. Marianna University School of Medicine, Japan

- O-42-4** Application status of neuromuscular diseases following revised ethical guidelines on PGT-M

Yoshiharu Nakaoka

IVF Namba clinic, Japan

- O-42-5** Hereditary congenital cataract with spastic paraplegia in a Japanese family

Shiroh Miura

Department of Neurology and Geriatric Medicine, Ehime University Graduate School of
Medicine, Japan

- O-42-6** Analysis of Four Cases of Hereditary Creutzfeldt-Jakob Disease with the PRNP V180I Mutation

Yoshiki Kanda

Kagoshima University Hospital, Department of Neurology, Japan

Cerebrovascular disease 5

Chair : Shigeru Nogawa

Department of Neurology, Tokai University Hachioji Hospital, Japan

O-43-1 CBV-ASPECTS Predicts Final Infarct Lesion and Favorable Outcomes After Mechanical Thrombectomy

Mikito Saito

Department of Stroke and Cerebrovascular Medicine, Kyorin University, Japan

O-43-2 Frequency of RNF213 variant and Their Impact on Cerebral Vascular lesions in Young Stroke Patients

Daiki Fukunaga

University Hospital Kyoto Prefectural University of Medicine, Japan

O-43-3 Correlation of tongue volume with functional outcome after mechanical thrombectomy

Wataru Shiraishi

Department of Neurology, Kokura Memorial Hospital, Japan

O-43-4 Development and Validation study of a Predictive Model for Cancer patients at Risk for Stroke

Tomohiro Kawano

Department of Neurology, Osaka University Graduate School of Medicine, Japan

O-43-5 Association between serum Lipoprotein(a) levels and carotid plaque ulceration

Kyohei Fujita

Department of Endovascular surgery, Institute of Science Tokyo, Japan / Department of Neurology and Neurological Science, Institute of Science Tokyo, Japan

O-43-6 Timing of discontinuing antithrombotic drugs after percutaneous closure of PFO utilizing angioscopy

Hisanao Akiyama

Department of Neurology, St. Marianna University School of Medicine, Japan

Motor neuron disease 4

Chairs : Naoki Atsuta

Department of Neurology, Aichi Medical University School of Medicine, Japan

Naoki Suzuki

Department of Rehabilitation, Tohoku University School of Medicine, Japan

O-44-1 First-in-human study design to evaluate ALN-SOD in patients with ALS and SOD1 variants

Yuishin Izumi

Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan

O-44-2 Clinical trial of bosutinib for amyotrophic lateral sclerosis: iDReAM study

Haruhisa Inoue

Center for iPS Cell Research and Application (CiRA), Kyoto University, Japan

O-44-3 Thoracic Paraspinal Fasciculations as Predictors of Respiratory Dysfunction in Patients with ALS

Daichi Imamura

Department of Neurology, Kobe City Medical Center General Hospital, Japan

O-44-4 MicroRNA profile including A-to-I editome as diagnostic and pharmacodynamics markers for ALS

Satoru Morimoto

Keio University Regenerative Medicine Research Center, Japan

O-44-5 Th17 and effector CD8 T cells relate to disease progression in amyotrophic lateral sclerosis

Koji Fujita

Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan

O-44-6 Japan Registry for Adult subjeCTs of Spinal Muscular Atrophy (jREACT-SMA): 2-Year Interim Results

Kentaro Sahashi

Dept. of Neurology, Nagoya University, Japan

O-45 Oral Session 45



May 24 (Sat) 10:30 ~ 12:00

Room 13 (RIHGA Royal Hotel Osaka 3F Korin 1)

Parkinson's syndrome 2

Chair : Yasuyuki Ohta

Division of Neurology and Clinical Neuroscience, Department of Internal Medicine III, Yamagata University School of Medicine, Japan

O-45-1 Elevated sTREM2 in Cerebrospinal Fluid Reflects Microglial Activation in Multiple System Atrophy

Toshiki Maeda

Fujita health university Department of Neurology, Japan

O-45-2 Delayed Progressive Aphasia (DPA): A Novel Clinical Entity of Language Impairments in PSP/CBS

Shun Akaike

Department of Neurology, Hokkaido University Graduate School of Medicine, Japan

O-45-3 Utility of MRI midbrain diameter assessment in progressive supranuclear palsy

Hirota Nomiya

Second Department of Internal Medicine, Faculty of Medical Science, University of Fukui, Japan / Department of Cell Biology and Biochemistry, Division of Medicine, Faculty of Medical Sciences, University of Fukui, Japan

- O-45-4** Postural control during cognitive tasks in patients with progressive supranuclear palsy
Ryo Onuma
 Faculty of Health Sciences, Mejiro University, Japan / Department of Rehabilitation Medicine, Institute of Science Tokyo University Graduate School, Japan
- O-45-5** Is it possible to predict the prognosis of shunt surgery for iNPH comorbid with PD?
Taiji Tsunemi
 Department of Neurology, Juntendo University Hospital, Japan
- O-45-6** Correlations between dysphagia severity scale and clinical indices in multiple system atrophy
Shoko Ri
 Department of Neurology, Fujita Health University School of Medicine, Japan

O-46 Oral Session 46

Jp

May 24 (Sat) 10:30 ~ 12:00

Room 15 (RIHGA Royal Hotel Osaka 3F Korin 3)

Neuroimmunology 6

Chair : **Motoi Kuwahara**

Department of Neurology, Kindai University Faculty of Medicine, Japan

- O-46-1** Development of severity classification criteria for chronic progressive neuro-Bechet's disease
Shunsei Hirohata
 Kitasato University School of Medicine, Japan / Nobuhara Clinic, Japan / Teikyo University School of Medicine, Japan
- O-46-2** Reactivity to HNK-1 Glycans and Complement Activation in Anti-MAG Antibody-Associated Neuropathy
Yuki Fukami
 Department of Neurology, Nagoya University Graduate School of Medicine, Japan
- O-46-3** Establishment and Status Report of the CIDP Registry
Hidenori Ogata
 Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan
- O-46-4** ADHERE: Efgartigimod SC in East Asians with Chronic Inflammatory Demyelinating Polyneuropathy
Satoshi Kuwabara
 Chiba University, Japan
- O-46-5** Long-term Efficacy of Efgartigimod PH20 SC in CIDP: Interim Results from the ADHERE⁺ Study
Ryo Yamasaki
 Kyushu University, Japan

O-46-6

Usefulness of CSF IL-10 in differentiating tumefactive brain lesion
from CNS lymphoma

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24

Free Papers (Oral)