

O-01 Oral Session 01**Jp**

May 20 (Wed) 15:35 ~ 17:05 Room 06 (PACIFICO Yokohama Conference Center 3F 311+312)

Neuropathy

Chair : Sonoko Misawa

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

O-01-1 Patterns of Nerve Fascicle Enlargement on Nerve Ultrasonography in
CIDP and Autoimmune Nodopathies

Masaaki Yoshikawa

Department of Neurology, Saga University Faculty of Medicine, Japan

O-01-2 Prediction of the risk of the diabetic foot skin ulcer

Masayuki Baba

Department of Neurology, Aomori Prefectural Central Hospital, Japan

O-01-3 Association between serum NfL with clinicopathologic features in
EGPA

Toshihiro Ide

Department of Neurology, Saga University, Japan

O-01-4 Efficacy and Safety of home-based neuromuscular electrical stimulation device in patients with CMT
 Yu-ichi Noto
 Department of Neurology, Graduate School of Medical Science, Kyoto prefectural university of medicine, Japan

O-01-5 Application of brain amyloid PET with bone scintigraphy to the evaluation of systemic amyloidosis
 Nagaaki Katoh
 Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan

O-01-6 Evaluation of Estimation Methods for the Effectiveness of Acupuncture in Peripheral Facial Palsy
 Go Horibe
 Internal Medicine (Neurology), Clinical Medicine Research Department, Graduate School of Medicine Doctoral Program, Saitama Medical University, Japan / Department of Oriental medicine, Saitama Medical University Hospital, Japan

O-02 Oral Session 02

Jp

May 20 (Wed) 15:35 ~ 17:05 Room 07 (PACIFICO Yokohama Conference Center 3F 313+314)

Muscle disease 1

Chair : Yukiko Hayashi
 Department of Pathophysiology, Japan

O-02-1 Dysphagia in eight patients with oculopharyngeal muscular dystrophy: a retrospective study
 Kensuke Takahashi
 Department of Neurology, National Center of Neurology and Psychiatry, Japan

O-02-2 Single-center analysis of causes of death in myotonic dystrophy
 Tsuyoshi Matsumura
 Department of Neurology, NHO Osaka Toneyama Medical Center, Japan

O-02-3 Two Cases of IBM associated dysphasia, Diagnosed and Treated by Endoscopic Cricopharyngeal Myotomy
 Kazuma Ota
 Department of Neurology, Kobe City Medical Center General Hospital, Japan

O-02-4 Long-term preservation of facial and lingual motor function in advanced Duchenne Muscular Dystrophy
 Masatoshi Ishizaki
 NHO Kumamoto Shishun Medical Center Neurology, Japan

O-02-5 Association between ADM and Aging Indicators in Community-Based Health Checkups for the Elderly
 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-02-6** Examination of c.3725G>A of dysferlin not to determine as a pathogenic variant (further report)
Toshiaki Takahashi
Department of Neurology, NHO Sendai Nishitaga Hospital, Japan

O-03 Oral Session 03

Jp

May 20 (Wed) 15:35 ~ 17:05 Room 08 (PACIFICO Yokohama Conference Center 3F 315)

Cerebrovascular disease 1

Chair : Takao Urabe

Department of Neurology, Juntendo University Urayasu Hospital, Japan

- O-03-1** Is Thin SAH Really Benign in M2 Thrombectomy?
A Thickness-Based Prognostic Analysis
Yuji Nishi
Nippon Medical School Hospital, Japan

- O-03-2** Neuro endovascular therapy in a regional hospital led by a Neurologist: Experience with 1,033 Cases
Hidesato Takezawa
Department of Neuroendovascular Therapy, Saiseikai Shiga Hospital, Japan / Department of Neurology, Saiseikai Shiga Hospital, Japan

- O-03-3** Impact of work-flow for reducing door to puncture time in a high volume comprehensive stroke center
Shigen Kasakura
Department of Neurosurgery, Saitama Medical University Saitama Medical Center, Japan

- O-03-4** Performance and Challenges of the Stroke S-Selection System in Its First Year
Junki Yoshimura
Nippon Medical School, Japan

- O-03-5** Pathological analysis of thrombus in cardiogenic cerebral embolism by etiology
Yoichi Ohnuki
Tokai university department of Neurology, Japan

- O-03-6** REMOTE ISCHEMIC CONDITIONING FOR ACUTE ISCHEMIC STROKE: RICAIS
Kazuo Kitagawa
Department of Neurology, Suita Municipal Hospital, Japan / Department of Neurology, Tokyo Women's Medical University, Japan

Parkinson's disease 1

Chair : Mutsumi Iijima

Department of Neurology Tokyo Women's Medical University, Japan

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- O-04-1** 1st interim result of a post-marketing observational study in Foslevodopa/Foscarbidopa
Yohei Mukai
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan
-
- O-04-2** Orthostatic hypotension in Parkinson's disease and nocturnal BP phenotype determined by ABPM
Kazuhiro Saito
Jichi Medical University, Department of Neurology, Japan
-
- O-04-3** Orthostatic hypotension in multiple system atrophy: Assessment using a 10-minute head-up tilt test
Shunsuke Adachi
Department of Neurology, Fujita Health University School of Medicine, Japan
-
- O-04-4** Phase II Trial of novel Levodopa-Carbidopa ER Formulation OP-2024 in Advanced Parkinson's Disease
Taku Hatano
Department of Neurology, Juntendo University Hospital, Japan
-
- O-04-5** Prediction of autonomic function using pulse wave variability with 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-04-6** Real-world Evaluation of Subcutaneous Foslevodopa/Foscarbidopa Infusion: A 1-Year Follow-up Study
Hidetaka Naganuma
St. Marianna University Hospital Neurology, Japan

Motor neuron disease 1

Chairs : Yuishin Izumi

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

Yukio Kawahara

The University of Osaka Graduate School of Medicine, Japan

**O-05-1 Blood Lactate as a Biomarker of Survival and Weight Loss in ALS:
An Exploratory and Validation Study**

Ryutaro Nakamura

Department of Neurology, Shiga University of Medical Science, Japan / The University of
Queensland, Australia**O-05-2 Proteomic Analysis Reveals Prognostic Significance of Translation
Pathway in ALS**

Munetaka Yamamoto

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

**O-05-3 Suggested neuropathological diversity in cases with p62/SQSTM1-
mutation**

Yuichi Riku

Inst. for Med. Sci. of Aging, Aichi Med. Univ, Japan

**O-05-4 Association between the initial department visited and diagnostic and
prognostic outcomes in ALS**

Shinya Oginezawa

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

**O-05-5 Analysis of Serum Extracellular Vesicle microRNAs Identifies a
Therapeutic Target for ALS**

Daisuke Ito

Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Department
of clinical research education, Nagoya University Graduate School of Medicine, Japan**O-05-6 Clinical Characteristics of Familial ALS With a Novel SOD1 Variant
(p.Ile36Phe) in Three Families**

Sho Ohtsuru

Department of Neurology, Kochi University, Japan

Cerebellar ataxia • Spastic paraplegia 1

Chairs : Yuji Takahashi

National Center of Neurology and Psychiatry, Japan

Shinichi Shirai

Hokkaido University Department of Neurology, Japan

O-06-1 Analyzing of antibodies associated with autoimmune cerebellar ataxia (ACA) in Japan

Hiroaki Yaguchi

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

O-06-2 CANVAS iPS Purkinje cells exhibit RNA foci and neurite abnormalities, particularly with ACAGG

Haruko Nakamura

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

O-06-3 KLHL11 Antibody-Positive Autoimmune Cerebellar Ataxia: Second Report of a Japanese Large Cohort

Jing Pan

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

O-06-4 The Genetic Landscape of Spinocerebellar Ataxias in Taiwan: Insights from 876 Cases

Shih-chun Lan

Department of Neurology, Taipei Veterans General Hospital, Taipei, Taiwan / School of Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

O-06-5 A fly model of SCA36 reveals combinatorial neurotoxicity of hexanucleotide and dipeptide repeats

Cheng-tsung Hsiao

Taipei Veterans General Hospital, Taiwan

O-06-6 CAG repeat expansion in THAP11 impairs autophagy and causes neurodegeneration in a Drosophila model

Cuijie Wei

Department of Neurology, Children's Medical Center, Peking University First Hospital, China

Neuroscience

Chairs : Seiji Hitoshi

Department of Integrative Physiology, Shiga University of Medical Science,
Japan

Yoshitaka Nagai

Department of Neurology, Kindai University Faculty of Medicine, Japan

O-07-1 Necl-4/CADM4 regulates GABAergic synapses via ErbB4 and maintains E/I balance against ischemia

Ryouhei Komaki

Division of Neurology, Kobe University Graduate School of Medicine, Japan / Division of Pathogenetic Signaling, Department of Psychiatry, Kobe University Graduate School of Medicine, Japan

O-07-2 Synaptic Diversity of Puncta Adherentia Junctions in the Mouse Hippocampus

Kimitaka Katanazaka

Division of Neurology, Kobe University Graduate School of Medicine, Japan / Division of Pathogenetic Signaling, Department of Psychiatry, Kobe University Graduate School of Medicine, Japan

O-07-3 Structural analysis of filamin-A variants in progressive supranuclear palsy by all-atom simulations

Shota Ito

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

★ **O-07-4** A Metabolomic Atlas Reveals Metabolic Signatures and Disease Pathways in Neurological Disorders

(Ape-01-5)

Yi-xuan Wang

Huashan Hospital, Shanghai Medical College, Fudan University, China

O-07-5 UROCORTIN MITIGATES ICH-ASSOCIATED ALZHEIMER'S DISEASE VIA AMPK/NRF2-MEDIATED IMMUNOMODULATION

Hock-kean Liew

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

Neuroimmunology 1

Chairs : Yuko Shimizu

Dep. of Medical Safety and Dep. of Neurology, Tokyo Women's Medical University, Japan

Ichiro Nakashima

Tohoku Medical and Pharmaceutical University, Japan

O-08-1 Sez6l2 autoimmunity in autoimmune cerebellar ataxia: A case series of 17 patients

Akihiko Kudo

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

O-08-2 Clinical profile of late adult-onset anti-neurofascin I55 autoimmune nodopathy

Takumi Tashiro

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

O-08-3 MOG-IgA and -IgM could serve as novel biomarkers of central nervous system inflammatory diseases

Naoya Yamazaki

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

O-08-4 Frequencies of myelin pattern and neuropil pattern on rat brain IHC in CSF MOG-IgG⁺ cases

Mizuki Otomo

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

O-08-5 Cerebrospinal fluid interleukin 8, a biomarker to distinguish autoimmune nodopathy from CIDP

Hitoshi Hayashida

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

★ O-08-6 Post-COVID-19 Herpes Zoster Reactivation and Peripheral Nervous System Disorders: A TriNetX Study

(Ape-01-6)

Yu-chen Cheng

School of Medicine, College of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan / Department of Neurology, Fu Jen Catholic University Hospital, Fu Jen Catholic University, New Taipei City, Taiwan

Dementia 1

Chairs : Takeshi Ikeuchi

Niigata University Brain Research Institute, Japan

Hisatomo Kowa

Kobe University Graduate School of Health Sciences, Japan

O-09-1 National trends in cerebrospinal fluid biomarker testing for Alzheimer's disease in Japan

Masanori Kurihara

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

O-09-2 Predictive Simulation of Lecanemab and Donanemab Treatment Effects in Early Alzheimer's Disease

Yuki Kujuro

Tachikawa Hospital, Department of Neurology, Japan

O-09-3 Plasma exosome miR-30c-2, a new biomarker for Alzheimer disease, reflects neuronal and glial damage

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

O-09-4 Longitudinal Changes in Reactive Astrogliosis in AD, MCI, and Cognitively Normal Elderly

Kotaro Hiraoka

Research Center for Accelerator and Radioisotope Science, Tohoku University, Japan / Tohoku University Hospital, Tohoku University, Japan

O-09-5 Dynamic changes in blood-brain barrier function during anti-amyloid therapy: a preliminary MRI study

Yuto Uchida

Johns Hopkins University School of Medicine, USA / Nagoya City University, Japan

O-09-6 Water hardness and vascular dementia: a prospective cohort study with proteomics exploration

Peiyang Gao

Xuanwu Hospital Capital Medical University, China

Motor neuron disease 2

Chair : Fumiaki Tanaka

Department of Neurology and Stroke Medicine, Yokohama City University
Graduate School of Medicine, Japan**O-10-1 Neuromuscular Degeneration in the Prodromal Stages of Spinal and Bulbar Muscular Atrophy**

Shinichiro Yamada

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

O-10-2 The effect of high-calorie nutritional intervention and exercise on early-stage ALS patients

Akiko Fujimoto

Kumamoto Saishun Medical Center, Japan

O-10-3 Clinical characteristics of SOD1-related amyotrophic lateral sclerosis with p.Gly94Ser mutation

Keigo Nakamura

Yaizu city hospital, Neurology department, Japan

O-10-4 Usefulness of Pencil-Point Needles for Intrathecal Tofersen Administration in Patients with SOD1-ALS

Kota Bokuda

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

Cerebrovascular disease 2

Chairs : Hisanao Akiyama

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

Sohei Yoshimura

Department of Cerebrovascular Medicine, Japan

O-11-1 HGF Expression Modulates Recovery in Ischemic Stroke Treated with Adipose Derived Stem Cells

Nan Ju

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

O-11-2 The tRNA modification ms2i6A regulates mitochondrial resilience under ischemic conditions

Hajime Ikenouchi

Department of Translational Neuroscience, Tohoku University Graduate School of Medicine, Japan / Department of Neurology, Tohoku University Graduate School of Medicine, Japan

O-11-3 Renin-angiotensin system drugs improve stress responses in glial cells of a CSVD model

Shin Koide

Department of Molecular Neuroscience, Brain Research Institute, Niigata University, Japan /
Department of Neurology, Brain Research Institute, Niigata University, Japan

O-11-4 Neurofilament Light Chain as a Prognostic Marker in Acute Ischemic Stroke: A Meta-Analysis

Surendar Arulalan

DR. MGR EDUCATIONAL AND RESEARCH INSTITUTE, India

O-12 Oral Session 12

Jp

May 21 (Thu) 9:45 ~ 10:45 Room 04 (PACIFICO Yokohama Conference Center 3F 303)

Parkinson's disease 2

Chair : Kazushi Takahashi

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-12-1 The relation between dyskinesia and volumes of basal ganglia and thalamus in Parkinson's disease

Rei Takeichi

Department of Neurology, Juntendo University School of Medicine, Japan

O-12-2 Distinguishing Parkinson's Disease from Progressive Supranuclear Palsy Using Image Analysis Software

Keita Matsuura

Department of Neurology, Mie University, Japan

O-12-3 Subgrouping of Parkinson's disease based on thalamic subnuclei volume

Shotaro Haji

Department of Neurology, Faculty of Medicine, Juntendo University School of Medicine, Japan

O-12-4 Network analysis of the visual cortex in Parkinson's disease using random matrix theory-based PCA

Toshiki Maeda

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

O-13 Oral Session 13

Jp

May 21 (Thu) 9:45 ~ 10:45 Room 05 (PACIFICO Yokohama Conference Center 3F 304)

Clinical neurophysiology

Chair : Tomihiro Imai

National Hospital Organization Hakone Hospital, Japan

O-13-1 P11 and N11 of SEP: An Investigation Using Potential Distribution and Magnetic Field Measurements

Tai Otani

Department of Advanced Technology in Medicine, Institute of Science Tokyo, Japan

- O-13-2** Detection of Spontaneous EMG Activity Using a Novel Surface EMG Analysis
Takahiko Mukaino
 Kyushu University Hospital, Department of Neurology, Japan / Kyushu University, Department of Neurology, Graduate School of Medical Sciences, Japan
- O-13-3** Effect of height, age and sex on the minimal F wave latency of the median and ulnar nerve
Chizuko Oishi
 Department of Neurology, Kyorin University School of Medicine, Japan / Department of Neurology, Teikyo University School of Medicine, Japan
- O-13-4** Outcome prediction in temporal lobe epilepsy using preoperative MEG network analysis
Kou Matsumoto
 Kyushu University, Graduate School of Medical Sciences, Department of Neurology, Japan

O-14 Oral Session 14

En

May 21 (Thu) 9:45 ~ 10:45 Room 06 (PACIFICO Yokohama Conference Center 3F 311+312)

Neuroradiology, Functional image

Chairs : **Takashi Hanakawa**

Kyoto University Graduate School of Medicine, Japan

Hitoshi Shimada

Department of Functional Neurology & Neurosurgery, Center for Integrated Human Brain Science, Brain Research Institute, Niigata University, Japan

- O-14-1** Pathological alterations of multiple system atrophy subtypes evaluated by 7T MRI via chi-separation
Ryosuke Sakai
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- O-14-2** Reversed association between glymphatic function and cortical complexity in multiple system atrophy
Yuki Kitazaki
 Department of Neurology, Faculty of Medical Sciences, University of Fukui, Japan / Center for Integrated Human Brain Science, Brain Research Institute, Niigata University, Japan
- O-14-3** Retinal Thickness and Cognitive Subscales: An Association Study in the General Japanese Population
Makiko Taira
 Department of Integrative Genomics, Tohoku Medical Megabank Organization, Tohoku University, Japan / Department of Neurology, Juntendo University Faculty of Medicine, Japan
- O-14-4** Functional Neural Correlates of Bradyphrenia in Parkinson's Disease
Takaaki Hattori
 Departments of Neurology and Neurological Science, Institute of SCIENCE TOKYO, Japan / Human Motor Control Section, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Japan

Dystonia/ Involuntary movement

Chair : Kazuko Hasegawa

NHO Sagami Hospital, Laboratory for Neurological Intractable Disease in
Clinical Research Center, Japan**O-15-1 The Clinical Profile of Circuit Malfunctions Undetectable by DBS Programmers**

Jun Ikezawa

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-15-2 Chorea, athetosis and ballism in acute ischemic stroke

Wakana Yamamoto

Saiseikai Kumamoto Hospital, Japan

O-15-3 Dopaminergic Pharmacotherapy for Obsessive-Compulsive Spectrum Disorders: Functional Dystonia

Shinichi Matsumoto

OSAKA NEUROLOGICAL INSTITUTE, Japan

O-15-4 A study of two cases of dropped head syndrome due to brexpiprazole

Minoru Kaji

Department of Neurology, Kanazawa University Hospital, Japan

Cerebellar ataxia • Spastic paraplegia 2

Chair : Kazuaki Kanai

Fukushima Medical University, Japan

O-16-1 Prognosis and Prognostic Factors in Autoimmune Cerebellar Ataxia

Akira Takekoshi

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

O-16-2 Assessment of Sudomotor Function in Multiple System Atrophy Using SUDOSCAN

Takahiro Shimizu

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-16-3 Establishing disease modifying therapy against SCA31 using heteroduplex oligonucleotides

Kinya Ishikawa

Department of Personalized Genomic Medicine for Health, Graduate School, Institute of
Science Tokyo, Japan / Department of Neurology, Institute of Science Tokyo Hospital, Japan /
Department of Neurology and Neurological Science, Graduate School, Institute of Science Tokyo,
Japan / Nucleotide and Peptide Drug Discovery Center, Institute of Science Tokyo, Japan

O-16-4 Brainstem SERT Alterations in MSA: 123I-FP-CIT SPECT and Pathology Insights

Yuji Tsujimura

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

O-17 Oral Session 17

En

May 21 (Thu) 9:45 ~ 10:45 Room 10 (PACIFICO Yokohama Conference Center 4F 416+417)

Parkinson's syndrome

Chairs : Ikuko Aiba

National Hospital Organization Higashinagoya National Hospital, Japan

Naomi Kanzato

Okinawa southern medical center and childrens medical center, Japan

O-17-1 Serum miR-6088 Expression and Prognosis in Progressive Supranuclear Palsy

Hiroshi Takigawa

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

O-17-2 Genetic dystonias: epidemiology and diagnostic implications (Japan Dystonia Consortium)

Ryosuke Miyamoto

Department of Neurology, Tokushima University, Japan

O-17-3 Neuromelanin-MRI and DAT-SPECT in Parkinsonism-related disorders

Rei Yazaki

Juntendo University School of Medicine, Department of Neurology, Japan

O-17-4 Investigation of the clinical picture of ALS/PDC

Yasumasa Kokubo

Graduate School of Regional Innovation Studies, Mie University, Japan

O-18 Oral Session 18

En

May 21 (Thu) 9:45 ~ 10:45 Room 11 (PACIFICO Yokohama Conference Center 4F 418)

Neurogenetics

Chairs : Satoko Miyatake

Yokohama City University, Japan

Hiroyuki Ishiura

Department of Neurology, Okayama University, Japan

O-18-1 AGG Repeat Expansion and Aggregation of BIN1 in Multiple System Atrophy

Kodai Kume

Department of Molecular Epidemiology, Research Institute for Radiation Biology and Medicine, Hiroshima University, Japan

O-18-2 Behavioral Deficits and Early NMJ dysfunction in an SLC5A7 Knock-In Model of dHMN-7

Takashi Yoshimura

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

O-18-3 Tandem repeats in the non-coding region of human genome are associated with essential tremor

Yalan Wan

Peking University First Hospital, China

O-18-4 withdrawn

O-19 Oral Session 19

En

May 21 (Thu) 9:45 ~ 10:45 Room 12 (PACIFICO Yokohama Conference Center 4F 419)

Neuroinfection

Chairs : Hideto Nakajima

Nihon University, Japan

Yoshiki Sekijima

Shinshu University School of Medicine, Japan

O-19-1 Latent and subclinical DNA virus infections revealed by metagenomic reanalysis of brain genome data

Tomoya Maekawa

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

O-19-2 Efficient and safe knockdown of prion gene in the mouse brain using neuron-targeted siRNA

Hiroki Nakayama

Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo, Japan

O-19-3 Tyrosine kinase inhibitor induces apoptosis in HTLV-1-infected T cells

Daisuke Kodama

Division of Neuroimmunology, Joint Center for Human Retrovirus Infection, Kagoshima University Campus, Japan

O-19-4 Dengue Encephalitis with PRES and Maculoretinopathy in a 24-Year-Old Male: A Case Report

Gerard Charles F. Jimenez

The Doctors' Hospital Inc, Philippines

Neuroimmunology 2 (MS • NMO)

Chair : Jin Nakahara

Department of Neurology, Keio University School of Medicine, Japan

- O-20-1** Elevated levels of sTim-3 and sGalectin-9 are associated with disease severity of NMOSD

Shota Nishii

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

- O-20-2** CSF LOTUS concentration reflects severity of neuroinflammation in patients with MS relapse

Kensuke Nakazawa

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

- O-20-3** Wearable-based physiological monitoring and brain MRI metrics in multiple sclerosis

Yusei Miyazaki

Department of Neurology, National Hospital Organization Hokkaido Medical Center, Japan /
Department of Clinical Research, National Hospital Organization Hokkaido Medical Center, Japan

- O-20-4** Evaluation of reactive astrogliosis in patients with multiple sclerosis using [18F] SMBT-1 PET

Juichi Fujimori

Division of Neurology, Tohoku Medical and Pharmaceutical University, Japan

Dementia and related pathologies

Chair : Hirohisa Watanabe

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

- O-21-1** Amyloid Deposition Across the Dementia with Lewy Bodies Spectrum

Mitsuhiro Yoshita

Department of Neurology, NHO Hokuriku National Hospital, Japan / Dementia research lab,
Public Central Hospital of Matto Ishikawa, Japan

- O-21-2** Epileptiform Activity as a Predictor of Amyloid Accumulation in Alzheimer's Disease

Katsunori Yokoi

National Center for Geriatrics and Gerontology, Japan / National Center for Geriatrics and Gerontology, Japan

- O-21-3** Vitamin B12 deficiency is significantly associated with hippocampal atrophy

Asako Ueno

Department of Neurology, Fukui Saiseikai Hospital, Japan / Department of Neurology, Faculty of Medical Sciences, University of Fukui, Japan

- O-21-4 Natural history of Gerstmann-Sträussler-Scheinker Disease 33 cases along Ariake Sea
Kohei Suzuyama
Department of Neurology, Saga University Faculty of Medicine, Japan

O-22 Oral Session 22

Jp

May 21 (Thu) 9:45 ~ 10:45 Room 15 (PACIFICO Yokohama Conference Center 5F 503)

Neuromuscular junction disease

Chair : Hiroyuki Murai
IUHW, Japan

- O-22-1 Thymectomy does not increase cancer risk in myasthenia gravis
Hiroyuki Akamine
Department of Cardiovascular Medicine, Nephrology, and Neurology, Graduate School of Medicine, University of the Ryukyus, Japan

- O-22-2 Risk factors for exacerbation following methylprednisolone in patients with myasthenia gravis
Toshiyuki Hayashi
Department of Neurology, Nippon Medical School Hospital, Japan

- O-22-3 Association between Oral Corticosteroid Dose and Fragility Fracture in Late-Onset Myasthenia Gravis
Makoto Samukawa
Department of Neurology, Kindai University Faculty of Medicine, Osaka, Japan

- O-22-4 Association Between Variation of Anti-AChR Antibody Titers and Disease Activity in Myasthenia Gravis
Jun Terai
Department of Neurology, National Hospital Organization Disaster Medical Center, Tokyo, Japan

O-23 Oral Session 23

En

May 22 (Fri) 9:45 ~ 11:15 Room 02 (PACIFICO Yokohama Conference Center 3F 301)

Motor neuron disease 3

Chairs : Makoto Urushitani
Department of Neurology, Shiga University of Medical Science, Japan
Osamu Kano
Department of Neurology, Toho University Faculty of Medicine, Japan

- O-23-1 Preclinical Proof of Concept of SOL-257, an AAV Gene Therapy Targeting Misfolded TDP-43 in ALS
Akinori Hishiya
SOLA Biosciences Japan, Japan

- O-23-2 Zinc finger domains regulate low-complexity domain polymerization relevant to ALS pathophysiology
Naohiko Iguchi
Department of Neurology, Nara Medical University, Japan

O-23-3 TDP-43-NEXT complex axis safeguards SCARNA2 homeostasis and is likely disrupted in TDP-43 mutants

Yuki Oshima

Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan / Department of Molecular Biology, Yokohama City University, Japan

O-23-4 Salt Effects on TDP-43 and Amyloid Beta Aggregation in Micelle-Assisted Seed Amplification

Naoki Yamahara

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

O-23-5 Biallelic variants in DNAJC7 cause familial amyotrophic lateral sclerosis with the TDP-43 pathology

Toru Yamashita

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

O-23-6 Repeat-associated non-AUG translation in spinal and bulbar muscular atrophy

Tomoki Hirunagi

Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Nagoya University Institute for Advanced Research, Japan

O-24 Oral Session 24

Jp

May 22 (Fri) 9:45 ~ 11:15

Room 03 (PACIFICO Yokohama Conference Center 3F 302)

Headache and Related Neuropathology

Chair : Eiichiro Nagata

Department of Neurology, Tokai University School of Medicine, Japan

O-24-1 Prevalence and Treatment Responsiveness of Psychological Symptoms in Patients with Migraine

Ryosuke Fukazawa

Department of Neurology, Saiseikai Shiga Hospital, Japan

O-24-2 Atogepant for Preventive Treatment of Episodic Migraine in Japanese Participants: Subgroup Analysis

Shigekazu Kitamura

Department of Neurology, Konan Medical Center, Japan / Department of Neurology, Hakuohkai Kakogawa Hospital, Japan

O-24-3 Relationship Between Vascular Fragility and Headache: Insights From Hereditary Disorders

Kazumasa Saigoh

Kindai University Hospital, Clinical Genetics, Japan / Department of Neurology, Faculty of Medicine, Kindai University, Japan / Genetic Counseling Program, Master of Science, Graduate School of Science and Engineering, Kindai University, Japan

O-24-4 A study of headaches in children and adolescents presenting in our headache center

Asami Moriya

Department of Neurology, Japanese Red Cross Shizuoka Hospital, Japan

O-24-5 Experience of CGRP mAb therapy in people with migraine: Results from OVERCOME (Japan) 2nd Study

Yoshiki Hanaoka

Ina Central Hospital, Japan

O-24-6 Assessment of Locus Coeruleus Neuromelanin Deposition in Postural Orthostatic Tachycardia Syndrome

Kentaro Kawama

Department of Neuro-Radiology Tokyo Metropolitan Neurological Hospital, Japan

O-25 Oral Session 25

En

May 22 (Fri) 9:45 ~ 11:15

Room 04 (PACIFICO Yokohama Conference Center 3F 303)

Dementia 2

Chairs : Ayae Kinoshita

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

Kenjiro Ono

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

O-25-1 Clonally Expanded CD8⁺ T Cells Shape Alzheimer's Pathology through Dynamic Functional Transitions

Masaki Ohyagi

Department of Neurology and Neurological Science, Institute of Science Tokyo, Japan / Research Institute for Biomedical Sciences, Tokyo University of Science, Japan

O-25-2 Oligomeric Tau Degradation by Autophagy

Tadanori Hamano

Department of Geriatric Medicine, Kanazawa Medical University, Japan

O-25-3 tRNA-derived fragments elevated in Alzheimer's disease facilitate Tau aggregation

Ami Kobayashi

Department of Neurology, Brigham and Women's Hospital, Harvard Medical School, USA

O-25-4 Lower-Limb Inter-Joint Coordination Instability in Amnesic Mild Cognitive Impairment During Walking

Yi-chun Kuan

Taipei Medical University, Taiwan / National Taiwan University, Taiwan

O-25-5 Resilience to Alzheimer's disease by enhancing sleep quality through 40 Hz HD-tACS

Hanna Lu

The Chinese University of Hong Kong, Hong Kong SAR, China

-
- O-25-6** Modulation of Transcription Regulator Protein and Cathepsin by Carum Copticum and Thymol in AD
Saara M. Khan
The Aga Khan University, Pakistan

O-26 Oral Session 26

Jp

May 22 (Fri) 9:45 ~ 11:15 Room 05 (PACIFICO Yokohama Conference Center 3F 304)

Parkinson's disease 3

Chair : Tetsuya Maeda
Division of Neurology and Gerontology, Department of Internal Medicine,
School of Medicine, Iwate Medical University, Japan

-
- O-26-1** Plasma biomarkers linked to longitudinal clinical and imaging changes in prodromal Lewy body disease

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

-
- O-26-2** CSF-based Investigation into brain metabolic processes of unconverted L-DOPA in Parkinson's Disease

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

-
- O-26-3** Application of the pen with pressure and acceleration sensors for diagnosis of Parkinson's disease

Wataru Sako
Department of Neurology, Faculty of Medicine, Juntendo University, Japan / AI Incubation Farm, Juntendo University Graduate School of Medicine, Japan

-
- O-26-4** alpha-synuclein skin biopsy is useful to detect the alpha-synucleinopathies

Qingmeng Chen
DEPARTMENT OF NEUROLOGY, THE UNIVERSITY OF TOKYO HOSPITAL, Japan

-
- O-26-5** Relationship between thyroid function and nutritional state in Parkinson's disease

Eriko Yokoyama
Akita prefectural center for rehabilitation and psychiatry, Japan

-
- O-26-6** Trajectory of non-motor symptoms and health checkup measures in preclinical Lewy body disease

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

Neuropsychology

Chair : Yuichiro Inatomi

Department of Neurology, Saiseikai Kumamoto Hospital, Japan

O-27-1 Applause sign in patients with primary progressive aphasia

Kazuto Katsuse

Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University Graduate School of Medicine, Japan / Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan

O-27-2 Acoustic analysis: Differentiation and severity in Apraxia of Speech and Ataxic Dysarthria

Takeshi Ito

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

O-27-3 Validation of the Japanese MLSE for primary progressive aphasia: a multicenter study

Shun Akaike

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

O-27-4 Longitudinal Study of Posterior Cortical Atrophy

Yoko Sunami

Tokyo Metropolitan Neurological Hospital, Japan

O-27-5 Microeconomic Evaluation of Behavioral Abnormalities Associated with Frontal Lobe Lesions

Yuki Hagiwara

Department of Neurology, Teikyo University, Japan

O-27-6 A study on cognitive functions related to visual stimulation using the wagon wheel effect 2nd report

Makoto Eriguchi

Saga-Ken Medical Centre Koseikan, Japan / Department of Neurology, Saga University, Japan

Neurorehabilitation, Medical engineering, Medical treatment for incurable diseases

Chair : Masahito Mihara

Department of Neurology, Kawasaki Medical School, Japan

O-28-1 Online rehabilitation for home care of the patients with neurological diseases

Sonoko Nozaki

Kansai Rosai Hospital, Japan

- O-28-2** Does the Effect of Gait Improvement with HAL Lower Limb Type Differ by Insurance Coverage?
Keiji Yamaguchi
Ichinomiya Nishi Hospital, Japan
- O-28-3** Miniaturized Device Using Pressure and Acceleration Sensors for Patients with Neurological Disorders
Susumu Fujikawa
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan
- O-28-4** Injury characteristics of Cerebral Palsy Football in Japanese national team
Atsuhiko Shindo
Department of Neurology, University of Yamanashi, Japan / Department of Neurology, Juntendo University School of Medicine, Japan
- O-28-5** Preliminary Experience of Virtual Reality Rehabilitation in Patients with Acute Ischemic Stroke
Takeshi Ikegami
Osaka International Medical & Science Center Neurology, Japan
- O-28-6** Assessment of Gait Dysfunction and Patient Needs in Parkinson's Disease
Takayuki Fujii
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

O-29 Oral Session 29**Jp**

May 22 (Fri) 9:45 ~ 11:15

Room 08 (PACIFICO Yokohama Conference Center 3F 315)

Motor neuron disease 4

Chair : Toshio Shimizu

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

- O-29-1** Develop an AI support for needle electromyography in ALS -Differentiation from myopathic disorders
Yuki Nakamura
Department of Neurology University of Yamanashi, Japan
- O-29-2** The association among cognitive and behavioral impairment, neuroimaging, and neuropathology in ALS
Yuta Komori
Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan
- O-29-3** Serum Na-Cl Value from Routine Blood Tests Reflects CO₂ Retention in Amyotrophic Lateral Sclerosis
Isamu Yamakawa
Department of Neurology, Shiga University of Medical Science, Japan

O-29-4 Diagnostic utility of threshold tracking TMS and cortical inhibition-facilitation imbalance in ALS

Mana Higashihara

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

O-29-5 Utility of eGFR Ratio by cystatin C and creatinine in patients with amyotrophic lateral sclerosis

Sagiri Iose

NHO Chiba Medical Center Chibahigashi National Hospital, Japan

O-29-6 Clinical characteristics of eight familial amyotrophic lateral sclerosis cases in our hospital

Shota Komori

Department of Neurology, NHO Higashinagoya National Hospital, Japan

O-30 Oral Session 30

En

May 22 (Fri) 9:45 ~ 11:15 Room 09 (PACIFICO Yokohama Conference Center 4F 414+415)

Neuroimmunology 3

Chairs : Tomoko Okamoto

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

Juichi Fujimori

Division of Neurology, Tohoku Medical and Pharmaceutical University, Japan

O-30-1 Elevated CSF lysophospholipid in NMOSD: LPA Signaling hypothesis as a neuropathic pain

Ayako Koguchi

Teikyo University Chiba Medical Center, department of Neurology, Japan

O-30-2 Myasthenia, myositis and myocarditis associated with immune checkpoint inhibitor and thymoma

Akihito Hao

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-30-3 Systemic inflammation-driven CNS infiltration of CCR2⁺ monocyte accelerates ALS progression

Akihiro Ogasawara

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

O-30-4 Analysis of tertiary lymphoid structures of immune mediated hypertrophic pachymeningitis

Akihiro Nakajima

Department of Neurology, BRI Niigata University, Japan

O-30-5 Increasing CSF Central Memory T Cells is associated with Clinical Severity of NMOS

Kyoka Shiroma

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

O-30-6 Mechanisms of anti-GQ1b antibody penetration across the BBB in Bickerstaff's brainstem encephalitis

Nanami Yamanaka

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

O-31 Oral Session 31

En

May 22 (Fri) 9:45 ~ 11:15 Room 10 (PACIFICO Yokohama Conference Center 4F 416+417)

Parkinson's disease 4

Chairs : Atsushi Takeda

NHO Sendai Nishitaga Hospital, Japan

Shigeki Arawaka

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

O-31-1 Structural Covariance Network Alterations Across Cognitive Stages of Parkinson's Disease

Haruto Shibata

Department of Neurology, Nagoya City University East Medical Center, Japan / Department of Neurology, Nagoya City University Graduate School of Medical Sciences, Japan

O-31-2 Two-year longitudinal changes in substantia nigra across three Parkinson's Disease Subtypes

Atsushi Shima

Department of Human Health Sciences, Kyoto University Graduate School of Medicine, Japan / Department of Neurology, Kyoto University Graduate School of Medicine, Japan

O-31-3 Reduced whole-blood energy metabolism and metabolic circuit dysregulation in Parkinson's disease

Yasuaki Mizutani

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

O-31-4 Online Music Therapy for Parkinson's Disease with Cognitive Impairment: A Crossover Trial

Yosuke Taruno

Department of Neurology, Kyoto University Graduate School of Medicine, Japan / Department of Neurology, Tazuke Kofukai Public Interest Foundation, Medical Research Institute Kitano Hospital, Japan

O-31-5 Timed Up and Go Test Response to Levodopa for Distinguishing Parkinson's Disease and Other Diseases

Sawako Sakai

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

O-31-6 Real-World Multicenter Outcomes of Subcutaneous Foslevodopa-Foscarbidopa in Parkinson's Disease

Takashi Tsuboi

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

Cerebrovascular disease 3

Chairs : Masatoshi Koga

National Cerebral and Cardiovascular Center, Japan

Satoshi Suda

Department of Neurology, Nippon Medical School, Japan

O-32-1 BNP changes as a potential biomarker for paroxysmal atrial fibrillation in acute ischemic stroke

Akihiro Kitamura

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

Department of Neurology, Shiga University of Medical Science, Japan

O-32-2 Breakthrough Stroke During Antiplatelet Therapy: A Japanese Nationwide Cohort Study

Hidehiro Someko

Nagoya Tokushukai General Hospital, Japan

O-32-3 Neutrophil Albumin Ratio and Hemorrhagic Complication After Endovascular Therapy for Ischemic Stroke

Takeo Sato

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

★ O-32-4 ~~Impact of Rising Temperature from Climate Change on Incidence and Gene Expression in Ischemic Stroke~~

(Ape-01-1)

~~Makrufardi Firdian~~~~Faculty of Medicine, Universitas Negeri Yogyakarta, Indonesia~~

presentation cancelled

O-32-5 Prevalence and Predictors of Acute Stroke in Patients with HFpEF: A Meta-analysis

Leong Tung Ong

Faculty of Medicine, University of Malaya, Malaysia

O-32-6 The Effect of Statins in Cerebral Cavernous Malformation: A Systematic Review and Meta-analysis

Zhuangzhuang Zhang

Department of Neurology, Peking University First Hospital, China

Neuroimmunology 4

Chair : Akiyuki Hiraga

Department of Neurology, Chiba Rosai Hospital, Japan

O-33-1 Transcriptomic Profiling of CIDP Sural Nerve Tissue by RNA-seq for Biomarker Identification

Satoru Yagi

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

- O-33-2** Clinical significance of snRNP antibodies in Guillain-Barre syndrome
Fumitaka Shimizu
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Ube, Japan
- O-33-3** Clinical characteristics of patients with terminal complement activation in Guillain-Barré syndrome
Keishu Murakami
 Department of Neurology, Wakayama Medical University, Japan / Department of Molecular Genetics, Wakayama Medical University, Japan
- O-33-4** Efficacy and Safety of Efgartigimod in IgG4 NF155-CIDP: A Multicenter Retrospective Study
Yuki Fukami
 Department of Neurology, Nagoya University Graduate School of Medicine, Japan
- O-33-5** Elucidating the Clinical Significance and Pathophysiology of Nerve Root Hypertrophy in CIDP
Ryo Yamasaki
 Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan
- O-33-6** Diagnostic Utility of the CSF IL-10/IL-6 Ratio in Differentiating Central Nervous System Lymphoma
Ryotaro Ikeguchi
 Department of Neurology, Tokyo Women's Medical University, Japan

O-34 Oral Session 34**Jp**

May 22 (Fri) 9 : 45 ~ 11 : 15

Room 13 (PACIFICO Yokohama Conference Center 5F 501)

Dementia 3

Chair : Kenji Wada

Department of Dementia Medicine, Kawasaki Medical School, Japan

- O-34-1** Diagnostic and Prognostic Utility of Plasma p-tau217 in a Japanese Cohort
Kensaku Kasuga
 Dept. of Molecular Genetics, BRI, Niigata University, Japan / Dept. of Diagnostic Innovation Science, NCGG, Japan
- O-34-2** Measuring the Effect of Lecanemab Following Administration Using Amyloid PET
Ikuko Takahashi-Iwata
 Mild Cognitive Impairment Center, Hokkaido University Hospital, Japan / Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan
- O-34-3** Analysis of amyloid PET-negative and CSF A β -positive cases treated with anti-A β antibody therapy
Yusuke Horiuchi
 Department of Neurology, Fukuiken Saiseikai Hospital, Japan

O-34-4 Characteristics of AD in Down Syndrome: Insights from a Nationwide Survey Using the DSQIID

Takashi Kasai

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

O-34-5 Association between IADL Disability and Basal Ganglia Volume in Older Adults: The YAHABA Study

Kazuki Hosokawa

Iwate Medical University Neurology and Gerontology, Japan

O-34-6 Frontal lobe effects of anti-Amyloid beta therapy: longitudinal neuropsychological analysis

Noriko Nomura

Kobe City Medical Center General Hospital, Neurology, Japan

O-35 Oral Session 35

En

May 22 (Fri) 9:45 ~ 11:15

Room 14 (PACIFICO Yokohama Conference Center 5F 502)

Muscle disease 2

Chairs : Ichizo Nishino

Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan

Akinori Uruha

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan

O-35-1 A vascular mechanism linking skeletal and cardiac impairment in Becker muscular dystrophy models

Daigo Miyazaki

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan / Department of Neurology, Asamananroku Komoro Medical Center, Japan

O-35-2 Integrative RNA-seq Reveals DMPK Isoform Changes in Skeletal Muscle of Myotonic Dystrophy Type 1

Yuma Hayakawa

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

O-35-3 Stage-specific imaging markers for progression and diagnosis in calpainopathy and dysferlinopathy

Ai Yamanaka

Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan / Department of Genome Medicine Development, Medical Genome Center, National Center of Neurology and Psychiatry, Tokyo, Japan / Department of Neurology, Nara Medical University, Nara, Japan

O-35-4 Myostatin blockade rescues sarcopenia and survival in alpha-Klotho knockout mice

Yutaka Ohsawa

Neurology, Kawasaki Medical School, Japan

O-35-5 Imaging features and their correlation with clinical findings in Emery-Dreifuss muscular dystrophy

Rui Shimazaki

Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan / Department of Genome Medicine Development, Medical Genome Center, National Center of Neurology and Psychiatry, Japan

★ **O-35-6** GGC repeat expansions within novel ORFs are translated into toxic (Ape-01-7) polyglycine proteins in OPDM

Jianwen Deng

Peking university first hospital, China

O-36 Oral Session 36

Jp

May 22 (Fri) 9:45 ~ 11:15 Room 15 (PACIFICO Yokohama Conference Center 5F 503)

Cerebrovascular disease 4

Chair : Ryo Itabashi

Division of Neurology and Gerontology, Department of Internal Medicine, School of Medicine, Iwate Medical University, Japan

O-36-1 Twig-like Middle Cerebral Artery as a Subtype of RNF213-Related Vasculopathy

Takafusa Ando

Department of Neurology, National Cerebral and Cardiovascular Center, Japan

O-36-2 Effect of dementia on long-term outcomes in patients receiving antithrombotic therapy

Yoshito Arakaki

Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center, Japan

O-36-3 Frequency and Characteristics of Bleeding Changes in Patients with Minor Stroke Treated with rt-PA

Yu Yokosuka

Department of Neurology, Nippon Medical School, Japan

O-36-4 Cardiac function and long-term clinical outcomes in acute ischemic stroke: Fukuoka Stroke Registry

Mio Yokoi

Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Health Care Administration and Management, Graduate School of Medical Sciences, Kyushu University, Japan

O-36-5 Relationship between neurological findings and vascular distribution in acute cerebellar infarction

Seira Sakurai

Nippon Medical School Hospital, Department of Neurology, Japan

O-36-6 Clinical Features and CYP2C19 Genotypes in Stroke Patients Receiving Clopidogrel at Our Hospital

Takehiro Ichikawa

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

Cerebrovascular disease 5

Chair : Ryota Tanaka

Stroke Center and Division of Neurology, Department of Medicine, Jichi
Medical University, Japan**O-37-1 A U-shaped Association Between Body Mass Index and In-Hospital Mortality in Acute Ischemic Stroke**

Takashi Shimoyama

Department of Neurology, Nippon Medical School, Japan

O-37-2 Factors associated with recurrent ischemic stroke despite anticoagulation therapy in the AF patient

Tomoko Okazaki

Department of Stroke Medicine, Kawasaki Medical School, Japan

O-37-3 Association Between Anticoagulant Switching and Cardioembolic Stroke Recurrence

Teppei Kamimura

Suiseikai Kajikawa Hospital, Department of Neurology, Japan

O-37-4 Factors associated with functional outcome in In-hospital-onset ischemic stroke

Shinya Kawase

Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori
University, Japan**O-37-5 Beneficial effects of vibration stimulation on lateropulsion seen in lateral medullary syndrome**

Masanori Nagaoka

Tsubasa-no-ie Rehabilitation Hospital, Department of Rehabilitation, Japan / Department of
Neurology, Rehabilitation Medicine, Japan**O-37-6 DOAC Dose and Antiplatelet Combination Therapy in Stroke Patients With AF and Atherosclerosis**

Takuya Saito

Department of Stroke Neurology, Kohnan Hospital, Japan

Neuroimmunology 4 (MS • NMO)

Chairs : Kaori Sakuishi

Teikyo University Chiba Medical Center, Japan

Noriko Isobe

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

O-38-1 Longitudinal Morphologic Changes of Iron-Related Lesions in Multiple Sclerosis

Haruhiko Motegi

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

O-38-2 ATPIA2 antibody causes more relapses and greater disability in multiple sclerosis via astrocytopathy

Xu Zhang

Translational Neuroscience Research Center, Graduate School of Medicine, International University of Health and Welfare, Japan

O-38-3 Tissue-resident innate/adaptive immune cells in mixed-active/inactive lesions of multiple sclerosis

Fumihiko Yanagimura

Department of Neurology, Brain Research Institute, Niigata University, Japan / Department of Neurology, NHO Niigata National Hospital, Japan

O-38-4 A neural network explains quantitatively radiological insights into differentiation in MS and MOGAD

Shu Umezawa

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

O-38-5 A comparative study of fatigue, mental health, and QOL in NMOSD and MOGAD: comparison with MS

Naohiro Sakamoto

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

O-38-6 Volumetric Brain MRI During Sustained Remission in AQP4-IgG+ Neuromyelitis Optica Spectrum Disorder

Dachathorn Tharacheewin

Siriraj Neuroimmunology Center (SiNiC), Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand / Division of Neurology, Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

Motor neuron disease 5

Chairs : Yasumasa Kokubo

Kii ALS/PDC Research Center, Mie University Graduate School of Regional
Innovation Studies, Japan

Hirofumi Maruyama

Hiroshima University, Japan

O-39-1 AI-based morphological multiparametric analysis of cell models of spinal and bulbar muscular atrophy

Kenji Sakakibara

Department of Neurology, Nagoya University Graduate School of Medicine, Japan / National
Hospital Organization Nagoya Medical center, Japan**O-39-2 Patient stratification and prognostic factor identification in spinal and bulbar muscular atrophy**

Madoka Iida

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

O-39-3 Facial and hypoglossal nerves and tongue MRI in spinal and bulbar muscular atrophy patients

Yu Mori

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

O-39-4 Real-world Long-term Outcomes of the Medical HAL for Lower Limb Type in SBMA

Takashi Nakajima

Department of Neurology, NHO Niigata National Hospital, Japan

O-39-5 Central Nervous System Production of IGF-1 and IGFBP5 in Amyotrophic Lateral Sclerosis

Yuko Kobayakawa

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu
University, Japan / Center for Clinical and Translational Research, Kyushu University Hospital,
Japan**O-39-6 Metabolomic Analyses of Amyotrophic Lateral Sclerosis (ALS), Muscle Cramps, and TJ-68 Treatment**

Hiroshi Mitsumoto

Columbia University Irving Medical Center, USA

Epilepsy

Chairs : Akio Ikeda

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

Misa Nakano

Suita Municipal Hospital, Japan

O-40-1 Mismatch between MRI boundaries and neurophysiological markers in tumor-related epilepsy surgery

Masamune Kimura

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

O-40-2 Invasively recorded ictal chirp patterns in focal epilepsy SEEG patients as an epileptogenic marker

Totsapol Surawattanawong

Department of Neurology, Kyoto University Graduate School of Medicine, Japan / Neurology
Division, Department of Medicine, Faculty of Medicine, Chulalongkorn University, Thailand /
Chulalongkorn Comprehensive Epilepsy Center of Excellence (CCEC), The Thai Red Cross
Society, King Chulalongkorn Memorial Hospital, Thailand**O-40-3** Multi-Omics Integrated Machine Learning for Predicting Febrile Seizure Onset and Recurrence

Takafumi Kubota

Department of Neurology, Tohoku University School of Medicine, Japan / Department of
Epileptology, Tohoku University School of Medicine, Japan**O-40-4** Optimal ECD cluster criteria of spike recorded by MEG in intractable focal epilepsy

Yuki Kawamura

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

O-40-5 Distinctive Features of Causal Language Networks:
A Cortico-Cortical Evoked Potentials Study

Sayaka Matsumoto

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

O-40-6 Clinical profiles and outcomes of adults with convulsive status epilepticus in a Philippine hospital

Kevin Michael C. Moalong

Department of Neurosciences, College of Medicine and Philippine General Hospital, University of
the Philippines Manila, Philippines

Neuroimmunology 5

Chair : Takashi Irioka

Yokosuka Kyosai Hospital, Japan

O-41-1 Modeling brain-resident memory T cell programs in a 3D blood-brain barrier spheroid model

Ritsu Akatani

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

O-41-2 Cerebrospinal Fluid TNFRSF9 as a Disease Activity Marker in Autoimmune GFAP Astrocytopathy

Akio Kimura

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

O-41-3 Prognostic factors and differentiation of cognitive dysfunction in autoimmune GFAP astrocytopathy

Yasuko Mori

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

O-41-4 Cerebrospinal fluid interleukin 8 in chronic progressive Neuro-Behcet's disease

Shunsei Hirohata

Department of Internal Medicine, Teikyo University School of Medicine, Japan

O-41-5 Prognostic factors in anti-NMDAR and anti-LGI1 encephalitis based on a nationwide survey in Japan

Izumi Kawachi

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

O-41-6 Association between Biologic Therapy and Brain Atrophy in AQP4-positive NMOSD

Shoya Inagawa

National Center of Neurology and Psychiatry, department of neurology, Japan

Innovative Therapeutics Development and Translational Research

Chair : Masanori Takahashi

Clinical Neurophysiology, The University of Osaka Graduate School of Medicine, Japan

O-42-1 Safety and Efficacy of ARGX-119 in DOK7 Congenital Myasthenic Syndromes: A Phase 1b Study

Mitsunori Watanabe

argenx, Belgium

- O-42-2** Efficacy and Safety of Gefurulumab in gMG:
Primary Results From the Phase 3, PREVAIL Study

Masayuki Masuda
Tokyo Medical University, Japan

- O-42-3** Final Analyses of Efgartigimod PH20 SC in Participants With gMG in the ADAPT-SC+ Study

Kimiaki Utsugisawa
Department of Neurology, Hanamaki General Hospital, Japan

- O-42-4** Zilucoplan in Japanese Patients with Generalised Myasthenia Gravis: 120-Week Analysis of RAISE-XT

Hiroyuki Murai
Department of Neurology, International University of Health and Welfare, Narita, Japan / The RAISE-XT study team

- O-42-5** Analysis of efgartigimod post-marketing surveillance of gMG by serological profiles

Mitsuru Watanabe
Department of Neurology, Kyushu University Hospital, Japan

- O-42-6** Effect of Subcutaneous Self-Administered Gefurulumab on Ocular Muscle Function in gMG

Masanori P Takahashi
The University of Osaka Graduate School of Medicine, Japan

O-43 Oral Session 43

En

May 23 (Sat) 8 : 00 ~ 9 : 30 Room 07 (PACIFICO Yokohama Conference Center 3F 313+314)

Headache

Chairs : Noboru Imai
Department of Neurology, Japanese Red Cross Shizuoka Hospital, Japan
Toshiya Nakano
Promotion Office for Co-learning of Community Medicine, Faculty of Medicine,
Tottori University, Japan

- O-43-1** Efficacy, safety, and tolerability of atogepant for the acute treatment of migraine: ECLIPSE trial

Takao Takeshima
Headache Center and Department of Neurology, Tominaga Hospital, Japan

- O-43-2** Headache Prevalence and Subtypes in Neuroimmunological Diseases: A Multicenter Study

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

- O-43-3** Headache-Related Anxiety in Pregnant and Postpartum Women: A Single-Center Survey

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

O-43-4 Efficacy of Pharmacologic and Neuromodulatory Interventions for Migraine: A Network Meta-Analysis

Amr Elrosasy
Kasr-Alainy Medical School, Egypt

O-43-5 Nimodipine and RCVS: A scoping review of pathophysiology and clinical implications

John Ted C. Santos
University of the Philippines, Philippines / Philippine General Hospital, Philippines

O-43-6 Meta-analysis of Anti-CGRP Therapies for Preventing Migraine Attacks

Gayathri Saravanan
DR.M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, India

O-44 Oral Session 44

Jp

May 23 (Sat) 8:00 ~ 9:30 Room 13 (PACIFICO Yokohama Conference Center 5F 501)

Dementia 4

Chair : Atsushi Iwata
Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan

O-44-1 A study of progressive risk factors for Alzheimer's disease under anti-Amyloid-Beta antibody therapy

Yuko Wada
Department of Neurology, Rakuwakai Otawa hospital, Japan

O-44-2 Assessment of real world outcomes of anti-amyloid-beta antibody treatments

Taizen Nakase
Dept. Aging Research & Geriatric Medicine, Tohoku University Hospital, Japan

O-44-3 Amyloid Reduction by Donanemab Start Time in Japanese Early Symptomatic Alzheimer's Disease Patients

Taka Matsumura
Eli Lilly Japan K.K., Japan

O-44-4 Utility of DASC-8 in monitoring cognitive function following anti-amyloid beta antibody therapy

Yoshitsugu Nakamura
Osaka Medical Pharmaceutical University, Japan

O-44-5 Clinical Outcomes and Alteration of CSF A beta 18months after Lecanemab induction for AD

Shigeru Fukutake
Hiratsuka City Hospital, Japan

O-44-6 Donanemab in Early Symptomatic Alzheimer's Disease: TRAILBLAZER-ALZ 2 Long-Term Extension

Shoichiro Sato
Eli Lilly and Company, USA

Cerebrovascular disease 6

Chair : Teruyuki Hirano

Department of Stroke and Cerebrovascular Medicine, Kyorin University, Japan

O-45-1 Imaging Characteristics in Patients With CADASIL and Mild DSWMH

Daiki Fukunaga

Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan

O-45-2 Prevalence and determinants of intracranial arterial stenosis in patients with HIV infection

Yoshiki Esa

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O-45-3 Association between carnitine deficiency and distribution of cerebral microbleeds in ischemic stroke

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O-45-4 A Study on the Usefulness of NIHSS Assessment Learning Method Using VR Space in Clinical Training

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O-46-1 Cerebrospinal Fluid Metabolic Alterations Reveal an Energy Metabolism shift in Parkinson's Disease

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O-46-2 Pathophysiology of salivary dysfunction in Parkinson's Disease

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O-46-3 Characteristics of visual attention during natural viewing in Parkinson's disease

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Center for Advanced Photonics Image Processing Research Team, Japan**O-46-4 Cytochrome P450 corded subfamily genes variant associated Parkinson's disease**

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O-46-5 Association between supine hypertension and CSF 5-HIAA and HVA levels in Parkinson's disease

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O-46-6 Rotenone accelerates alpha-synuclein pathology in mice injected with intrastriatal alpha-synuclein

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