

Parkinsonism and Related disorders 1

Chairs : Chin-Hsien Lin

National Taiwan University Hospital, Taiwan

Mutsumi Iijima

Tokyo Women's Medical University, Japan

O-01-1 Association between oculomotor impairment and PET-detectable tau pathologies in PSP patients

Yuko Kataoka

Department of Functional Brain Imaging, Institute for Quantum Medical Science, Quantum Life and Medical Science Directorate, National Institutes for Quantum Science and Technology (QST), Japan

O-01-2 Amyloid-beta42 and tau in cerebrospinal fluid as biomarkers for Progressive Supranuclear Palsy

Hiroshi Takigawa

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

O-01-3 Factors associated with long-term progression of day time sleepiness in Parkinson's disease

Haruhi Sakamaki-tsukita

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

O-01-4 MIBG cardiac scintigraphy may detect Frontal dysfunction in Parkinson's disease

Hanna Okada

Department of Neurology, Juntendo University Faculty of Medicine, Japan

O-01-5 Low risk of catching a common cold in Parkinson's disease patients: Propensity score matching

Shuichiro Neshige

Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Japan

O-01-6 Clinical availability of eye movement during reading

Yasuhiro Watanabe

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

Neuromuscular junction disorders

Chair : Kiyokazu Kawabe

Department of Neurology Saiseikai Yokohama Tobu Hospital, Japan

O-02-1 Changes in the clinical picture of myasthenia gravis -National Epidemiological Survey 2006 and 2018-

Hiroaki Yoshikawa

Kanazawa University Health Service Center, Japan

O-02-2 Myasthenia gravis treatment and outcomes over time
- insights from the Japan MG Registry study 2021
Yosuke Onishi
Department of Neurology, Chiba University Graduate School of Medicine, Japan

O-02-3 Analyses of refractory myasthenia gravis in Japan
Akihiko Taira
Department of Neurology, International University of Health and Welfare, Japan

O-02-4 CD59 Expression in Skeletal Muscles and its Role in Myasthenia Gravis
Kazuo Iwasa
Department of Health and Medical Sciences, Ishikawa Prefectural Nursing University, Japan /
Department of Neurology, Kanazawa University Graduate School of Medical Science, Japan

O-02-5 Clinical features of adult myasthenia gravis with age of onset <50 years by age group
Manato Yasuda
Department of Neurology, Graduate School of Medicine, Chiba University, Japan

O-02-6 Myasthenia gravis disease burden and impact on social life from the perspective of 452 patients
Naoki Kawaguchi
Neurological Center, Neurology Chiba Clinic, Japan

O-03 Oral Session 03

En

May 31 (Wed) 15:35 ~ 17:05 Room 05 (Makuhari Messe International Conference Hall 3F 304)

Cerebrovascular disease 1

Chairs : Kazuo Kitagawa
Tokyo Women's Medical University, Department of Neurology, Japan
Eiichiro Nagata
Department of Neurology, Tokai University School of Medicine, Japan

O-03-1 Impact of blood viscosity on wake-up stroke
Motohiro Okumura
Department of Neurology, The Jikei University School of Medicine, Japan

★ **O-03-2** Pons hyperintensity is associated with ischemic damage of middle cerebellar peduncle in CADASIL
(APe-01-7)
Haotian Yan
Department of Neurology, Peking University First Hospital, China

O-03-3 Histogram analysis: new methods for diagnosing CADASIL
Daiki Fukunaga
Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan

O-03-4 SARS-CoV-2 Infection Might be a Predictor of Mortality in Intracerebral Hemorrhage
Ashkan Mowla
University of Southern California, USA

O-03-5 Association between small plaque lesions on CT angiography and ESUS

Junpei Nagasawa

Department of Neurology, Toho University Faculty of Medicine, Japan

O-03-6 Association between cerebral small vessel disease and prehospital delay in acute ischemic stroke

Marina Masui

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

O-04 Oral Session 04

En

May 31 (Wed) 15:35 ~ 17:05 Room 06 (Makuhari Messe International Conference Hall 3F 302)

Neuroscience

Chairs : **Shigeki Arawaka**

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

Yohei Misumi

Department of Neurology, Kumamoto University, Japan

O-04-1 Lysophagy protects against propagation of alpha-synuclein aggregation via lysosomal vesicle rupture

Keita Kakuda

Department of Neurology, Osaka University, Japan

O-04-2 Phosphorylated JIP4 mediates lysosomal clustering and autophagy in response to oxidative stress

Yukiko Sasazawa

Research Institute for Diseases of Old Age, Juntendo University Graduate School of Medicine, Japan

O-04-3 Neuronal activity drives autophagic secretion of α -synuclein [Encore Presentation]

Yoshitsugu Nakamura

Osaka Medical and Pharmaceutical University, Japan

O-04-4 Analysis on binding of serum-derived amyloid-associated proteins to amyloid fibrils

Yohei Misumi

Department of Neurology, Kumamoto University, Japan

O-04-5 Functional analysis of potential target molecules related to BBB breakdown in multiple sclerosis

Kinya Matsuo

Yamaguchi university graduate school of medicine, Japan

O-04-6 Involvement of LacNAc in HTLV-I cell-to-cell contact infection and the discovery of its inhibitors

Daisuke Kodama

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

Neuroimmunology 1

Chairs : Takashi Yamamura

National Institute of Neuroscience, NCNP

Ichiro Nakashima

Department of Neurology, Tohoku Med & Pharm Univ, Japan

O-05-1 Exosome GJA1-29k is a blood marker for progressive multiple sclerosis reflecting glial inflammation**Maimaitijiang Guzailiayi**

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

O-05-2 Microstructural myelin abnormality of normal-appearing white matter in multiple sclerosis**Haruhiko Motegi**

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

O-05-3 High-efficacy therapy reduces brain volume loss in Japanese patients with multiple sclerosis [Encore Presentation]**Hiroaki Yokote**

Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital, Japan / Tokyo Medical and Dental University, Japan

O-05-4 Serum glial fibrillary acidic protein is useful to predict multiple sclerosis disability progression**Jun-ichi Kira**

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

O-05-5 Progressive brain white matter atrophy in NMOSD: an MRI volumetric study**Hiroki Masuda**

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

O-05-6 A retrospective study of 335 patients with cerebellar ataxia**Akihiko Kudo**

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

Clinical trial and Regenerative medicine

Chair : Hiroaki Adachi

Department of Neurology, School of Medicine, University of Occupational and Environmental Health, Japan

O-06-1 Ropinirole hydrochloride suppresses cholesterol synthetic pathway in ALS spinal motor neurons

Shinichi Takahashi

Department of Physiology, Keio University School of Medicine, Japan / Department of Neurology, Keio University School of Medicine, Japan / Department of Neurology and Stroke, Saitama Medical University International Medical Center, Japan

O-06-2 Long-Term Treatment With Lasmiditan in Patients With Migraine: Results From the CENTURION Study [Encore Presentation]

Mika Komori

Eli Lilly Japan. K.K., Japan

O-06-3 Efficacy of Rituximab in CIDP With IgG4 Autoantibodies by Patient-Proposed Healthcare Services

Yuki Fukami

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

O-06-4 Rozanolixizumab in muscle-specific kinase antibody-positive myasthenia gravis: Phase 3 outcomes [Encore Presentation]

Kimiaki Utsugisawa

Department of Neurology, Hanamaki General Hospital, Japan / MycarinG Study investigators, Other country

O-06-5 Long-term safety and efficacy of efgartigimod in patients with gMG: interim results from ADAPT-SC+

Akiyuki Uzawa

Chiba University Hospital, Neurology, Japan

O-06-6 Improving the efficiency of clinical research on spondylosis by introducing blockchain technology

Hiroya Kuwahara

Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan / Medical Innovation Promotion Center, Tokyo Medical and Dental University, Japan

Dementia 1

Chairs : Daisuke Ito

Department of physiology, Japan

Kengo Uemura

Ishiki Hospital Department of Neurology, Japan

O-07-1 withdrawn

- O-07-2** **Impact of Atrial Fibrillation on Cognitive Impairment in Dementia Patients**
Taizen Nakase
 Dept. of Aging Research & Geriatric Medicine, IDAC, Tohoku Univ., Japan
- O-07-3** **Gait analysis under dual task paradigms in patients with mild cognitive impairment and mild dementia**
Chia Rung Hsu
 Department of Neurology, Shuang Ho Hospital, Taipei Medical University, New Taipei, Taiwan
- O-07-4** **Risk of Dementia in Patients Receiving Non-Vitamin K Antagonist Oral Anticoagulants: A Meta-Analysis**
Hsu Jin-yi
 Center for Aging and Health, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan / School of Medicine, Tzu Chi University, Taiwan
- O-07-5** **Comparison between DSQIID total/sub-item scores and plasma p-tau in adults with Down syndrome**
Takashi Kasai
 Department of Neurology, Kyoto Prefectural University of Medicine, Japan

O-08 Oral Session 08

Jp

May 31 (Wed) 15:35 ~ 17:05

Room 11 (Tokyo Bay Makuhari Hall 2F No.3, 4)

Headache and Sleep disorders

Chair : Muneto Tatsumoto
 Dokkyo Medical University Hospital Headache Center Medical Safety
 Management Center, Japan

- O-08-1** **Stigmatizing Attitudes and Social Burden About Migraine: Results of OVERCOME (Japan)**
Hisaka Igarashi
 Fujitsu Clinic, Kawasaki, Japan
- O-08-2** **Real-world effectiveness after initiating fremanezumab treatment of 165 Japanese migraine patients**
Shoji Kikui
 Department of Neurology, Tominaga Hospital, Japan
- O-08-3** **The treatment efficacy of anti-CGRP antibodies for migraine in our hospital**
Akihiro Fujii
 Department of Neurology, Saiseikai Shiga Hospital, Japan
- O-08-4** **Simultaneous EEG-fMRI analysis in hemiplegic migraine patients**
Yuu Tatsuoka
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan

O-08-5 The condition of headaches and the effectiveness of headache education: A survey in medical students

Asami Kamada

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

O-08-6 Association between pareidolia and outcomes in patients with isolated REM sleep behavior disorder

Masayuki Miyamoto

Dokkyo Medical University, School of Nursing, Japan / Department of Neurology, Dokkyo Medical University Hospital, Japan

O-09 Oral Session 09

Jp

May 31 (Wed) 15 : 35 ~ 17 : 05

Room 12 (Tokyo Bay Makuhari Hall 2F No. 5, 6)

Dementia 2

Chair : Kenichiro Yamashita

Department of Neurology, Brain and Nerve Center, Fukuoka Central Hospital, Japan

O-09-1 CSF alpha-Synuclein for clinical practice of dementia

Kazuya Igarashi

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

O-09-2 Relationship between CSF biomarkers and MMSE scores

Kazutomi Kanemaru

Department of Neurology, Tokyo Metropolitan Geriatric Hospital, Japan

O-09-3 Plasma neurofilament light chain and CSF biomarkers for clinical practice in neurology

Kensaku Kasuga

Department of Molecular Genetics, Brain Research Institute, Niigata University, Japan

O-09-4 Aquaporin-4 cerebrospinal fluid levels are elevated in Alzheimer's disease

Yoshihisa Kitayama

Department of Neurology, Graduate School of Medicine, Chiba University, Japan / Chiba City Medical Center for Cognitive Disorders, Japan

O-09-5 Setting Neuropsychological Test Cutoff Values for Preclinical AD Using the ATN Classification

Yukifusa Igeta

Federation of National Public Service Personnel Mutual Aid Associations Toranomon Hospital, Dept. of Dementia, Japan / Okinaka Memorial Institute for Medical Research, Japan

O-09-6 Medial temporal lobe atrophy in Alzheimer's disease is associated with COGNISTAT

Kazuho Kojima

Center for Dementia-Related Diseases, Chiba Rosai Hospital, Japan

Cerebrovascular disease 2

Chair : Yoichi Ohnuki

Tokai university department of Neurology, Japan

O-10-1 Anticoagulant therapy for the recurrence of ischemic stroke in AF patients with renal dysfunction

Noriyuki Sahara

Neurology, Fukuoka Red Cross Hospital, Japan / 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-10-2 Prevention of cancer-associated stroke by heparin or direct Xa inhibitors - a retrospective study

Yuka Chin

Tokai University Hachioji Hospital, Japan

O-10-3 Impact of virtual reality-guided brain reprogramming in chronic hemiplegic patients after stroke

Masahiko Hara

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

O-10-4 Examination of cryptogenic stroke at the end of monitoring of the insertable cardiac monitor

Ryosuke Doijiri

Department of Neurology, Iwate Prefectural Central Hospital, Morioka, Iwate, Japan

O-10-5 Ghost infarct core is associated with successful recanalization in fast core growth

Mikito Saito

Department of Stroke and Cerebrovascular Medicine, Kyorin University, Japan

O-10-6 Investigation of cerebral infarction regions associated with involuntary movement

Naoya Okada

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

O-11 Oral Session 11**Jp**

May 31 (Wed) 15:35 ~ 17:05

Room 14 (Tokyo Bay Makuhari Hall 2F No. 9, 10)

Neuroimmunology 2

Chair : Kazuo Fujihara

Department of Multiple Sclerosis Therapeutics, Fukushima Medical University,
Japan**O-11-1 Comparison of the patients with high and low rates of brain atrophy in multiple sclerosis**

Juichi Fujimori

Division of Neurology, Tohoku Medical and Pharmaceutical University, Japan

O-11-2 Personalized Extended Interval Dosing of Natalizumab for family planning in MS patients

Masami Tanaka

Kyoto Min-Iren Chuo Hospital, Japan / Kaikoukai Josai Hospital, Japan

O-11-3 Differences between fingolimod and dimethyl fumarate on PBMC surface markers in MS patients

Hayato So

Department of Neurology, Tokyo Women's Medical University Hospital, Japan

O-11-4 Patient's Burden of Multiple Sclerosis in PHR/ePRO

Kenzo Sakurai

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

O-11-5 Investigation of immune response to JCV in MS patients taking fingolimod (an interim analysis)

Hiroyuki Toda

Novartis Pharma K.K. Medical Affairs Division, Japan

O-11-6 First interim report of survey on long-term use of Inebilizumab for NMOSD

Kazuo Fujihara

Department of Multiple Sclerosis Therapeutics, Fukushima Medical University, Japan

O-12 Oral Session 12**Jp**

June 1 (Thu) 9:45 ~ 10:45

Room 02 (Makuhari Messe International Conference Hall 2F International Conference Room)

Parkinsonism and Related disorders 2

Chair : Makto Shiraishi

St. Marianna University School of Medicine, Japan

O-12-1 Association between freezing of gait and anticipatory postural adjustments in Parkinson's disease

Ryo Onuma

Faculty of Health Sciences, Meiji University, Japan / Department of Rehabilitation Medicine,
Tokyo Medical and Dental University Graduate School, Japan

O-12-2 Clinical presentation of Parkinson's disease patients with preserved olfactory perception

Konoka Kanda
Fujita Health University, Japan

O-12-3 Breastfeeding in Segawa disease

Michiko Kawai
Segawa Memorial Neurological Clinic for Children, Japan

O-12-4 Psychiatric symptoms in Segawa disease : 6 case reports

Kyoko Hoshino
Segawa Memorial Neurological Clinic for Children, Japan

O-13 Oral Session 13

Jp

June 1 (Thu) 9 : 45 ~ 10 : 45 Room 03 (Makuhari Messe International Conference Hall 2F 201)

Dementia 3

Chair : Yasumasa Yoshiyama
Inage Neurology and Memory Clinic, Japan

O-13-1 Clinical and neuroimaging-based classification of Alzheimer's-related primary progressive aphasia

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

O-13-2 Auditory and phonological processing deficits and related brain areas in primary progressive aphasia

Nobuko Kawakami
Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University Graduate School of Medicine, Japan

O-13-3 Pontine cognitive affective syndrome (PCAS) and cerebellar cognitive affective syndrome (CCAS)

Mitsuaki Bandoh
Tokyo Metropolitan Neurological Hospital department of neurology, Japan

O-13-4 B12 supplementation improved cognitive function and homocysteine in patients with B12 deficiency

Asako Ueno
Department of Neurology, Fukui-ken Saiseikai Hospital, Japan / Second Department of Internal Medicine, University of Fukui, Japan

Neuroimmunology 3

Chair : Kazuhide Ochi
Hiroshima Prefectural Hospital, Japan

O-14-1 Epidemiological and clinical characteristics of MOGAD in Japan (secondary survey report)

Masashi Nakamura
Division of Neurology, Department of Medicine, Tohoku Medical and Pharmaceutical University, Japan

O-14-2 Higher first year annual relapse rate was common among MOGAD, AQPAD and MS

Shinji Aoyama
Department of Neurology, Chiba University, Japan

O-14-3 Immunotherapies in elderly patients with multiple sclerosis

Akihiro Kondo
Department of Neurology, Tokyo Women's Medical University, Japan

O-14-4 Therapy and prognosis in patients with autoimmune GFAP astrocytopathy in Japan

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

Cerebellar ataxia and Myelopathy

Chairs : Kinya Ishikawa
Personalized Genomic Medicine for Health, Japan
Dai Matsuse
Kyushu University Hospital, Japan

O-15-1 Pathological evaluations of patients of CANVAS with biallelic expansion of AAGGG and ACAGG repeats

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

O-15-2 Marked upregulation of GPR17-positive premyelinating oligodendrocytes in multiple system atrophy

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

O-15-3 Identification of a unique microglia population exacerbating multiple system atrophy

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

O-15-4 Early and extensive alterations of glial connexins in multiple system atrophy

Katsuhisa Masaki

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

O-16 Oral Session 16

Jp

June 1 (Thu) 9 : 45 ~ 10 : 45 Room 06 (Makuhari Messe International Conference Hall 3F 302)

Motor neuron disease 1

Chair : Kota Bokuda

ALS/MND center, Tokyo Metropolitan Neurological Hospital, Japan

O-16-1 The investigation of swallowing sound using electronic stethoscope and AI analysis for ALS patients

Masahiro Nakamori

Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Japan

O-16-2 Utility of brachial plexus evaluation using nerve ultrasound for diagnosis of early-stage ALS

Hiroki Yamazaki

Department of Neurology, Tokushima University Hospital, Japan

O-16-3 Fasciculations in ALS patients tend to occur deep in the muscles, often unnoticed by the patients

Kota Bokuda

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-16-4 Profiles of miRNAs in extracellular vesicles derived from body fluids of ALS patients

Satoru Morimoto

Department of Physiology, Keio University, School of Medicine, Japan / Department of Neurology, Keio University, School of Medicine, Japan

O-17 Oral Session 17

En

June 1 (Thu) 9 : 45 ~ 10 : 45 Room 07 (Makuhari Messe International Conference Hall 3F 303)

Neurorehabilitation 1

Chairs : Ichiro Miyai

Department of Neurology, Morinomiya Hospital, Japan

Makoto Eriguchi

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

O-17-1 Concurrent estimation of clinical status of patients with Parkinson's disease from their blinking

Noriko Nishikawa

Department of Neurology, Juntendo University School of Medicine, Japan

O-17-2 A comparative study of anti-Parkinson's disease drugs against dysphagia

Makito Hirano

Department of Neurology, Kindai University Faculty of Medicine, Japan

O-17-3 Online-telerehabilitation for dysphagia in patients with neurological disease

Sonoko Nozaki

Wakakusa-Tatsuma Rehabilitation Hospital, Japan

O-17-4 The Efficacy of Vestibular Rehabilitation Therapy for Mild Traumatic Brain Injury: A Meta-analysis

Ammar M. Aljabri

King Saud bin Abdulaziz University for Health and Sciences, Jeddah, Saudi Arabia

O-18 Oral Session 18

En

June 1 (Thu) 9:45 ~ 10:45 Room 08 (Makuhari Messe International Conference Hall 1F 103)

Motor neuron disease 2

Chairs : Norito Kokubun

Department of Neurology, Dokkyo Medical University, Japan

Osamu Kano

Department of Neurology, Toho University Faculty of Medicine, Japan

O-18-1 Modeling blood-brain barrier dysfunction in amyotrophic lateral sclerosis

Hideaki Nishihara

Department of Neurotherapeutics, Yamaguchi University, Japan

O-18-2 Regulation of TDP-43 solubility via its spatial organization by nucleic acid binding

Motoki Miura

Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan / Center for Brain Integration Research (CBIR), Tokyo Medical and Dental University, Japan

O-18-3 Calretinin activates microglia to produce CC-motif ligand 2 relevant to clinical severity of ALS

Shintaro Hayashi

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Neurology, Gunma Rehabilitation Hospital, Japan

O-18-4 Functional verification and clinical Phenotypes of ALS with Novel Variants of VAPB Gene

Chen Jianmin

FUJIAN MEDICAL UNIVERSITY, China / Fujian Medical University Union Hospital, China

Peripheral neuropathy and Metabolic disorders 1

Chairs : Peter Ulrichs

Chief Scientific Officer, argenx BV, Belgium

Yu-ichi Noto

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

O-19-1 Epitope mapping of anti-neurofascin 155 antibodies in a large cohort of autoimmune nodopathy

Hidenori Ogata

Department of Neurology, Kyushu University Hospital, Japan

O-19-2 IgG2 autoantibody relates to IVIg response and onion bulb formation in LGI4+ autoimmune nodopathy

Xu Zhang

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

O-19-3 Chronic inflammatory demyelinating polyradiculoneuropathy with nephropathy: a case series study

Tang Yuwei

Peking University First Hospital, China

O-19-4 Electrophysiological features of Guillain-Barré syndrome in Mongolian adult patients

Sarangerel Jambal

Reflex clinic, Mongolia

Neuropathology

Chairs : Toshiki Uchihara

Neurology Clinic with Neuromorphomics Laboratory, Nitobe Memorial Nakano General Hospital, Japan

Shigeru Koyano

Yokohama Minami Kyosai Hospital, Japan

O-20-1 Deep Learning Pipeline for Diagnosing Alzheimer's Disease and Tauopathies on Whole Slide Images

Shunsuke Koga

Department of Neuroscience, Mayo Clinic, Japan

O-20-2 Histopathological characteristics of patients with late-onset multiple system atrophy

Misato Ozawa

Department of Pathology, Brain Research Institute, Niigata University, Japan / Division of Neurology, Department of Medicine, Jichi Medical University, Japan

O-20-3 Legmain-resistant tau fibril fold produces CBD-specific C-terminal tau fragment

Daisuke Taniguchi

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

O-20-4 Automated Whole Slide Analysis of Sural Nerve Biopsy by Machine Learning Application

Daisuke Ono

Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan / Department of Neuroscience, Mayo Clinic, USA

O-21 Oral Session 21

Jp

June 1 (Thu) 9 : 45 ~ 10 : 45

Room 11 (Tokyo Bay Makuhari Hall 2F No.3, 4)

Peripheral neuropathy and Metabolic disorders 2

Chair : **Masayuki Baba**

Department of Neurology, Aomori Prefectural Medical Center, Japan

O-21-1 Human transthyretin gene expression is remarkably increased in repair phenotype of Schwann cells

Tatsufumi Murakami

Department of Neurology, Kawasaki Medical School, Japan / Faculty of Rehabilitation, Kawasaki University of Medical Welfare, Japan

O-21-2 Ultrastructure of eosinophil degranulation in eosinophilic granulomatosis with polyangiitis

Haruki Koike

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

O-21-3 Pathophysiology of peripheral neuropathic pain using evoked potentials after small fiber stimulation

Sagiri Iiose

Department of Neurology, National Hospital Organization Chibabashi National Hospital, Japan / Department of Neurology, Graduate School of Medicine, Chiba University, Japan

O-21-4 Clinical neurophysiologic study of painful and painless diabetic neuropathy

Masayuki Baba

Department of Neurology, Aomori Prefectural Central Hospital, Japan

Cerebrovascular disease 3

Chair : Hiroyuki Hashimoto

Division of Stroke & Neurology, Osaka Rosai Hospital, Japan

- O-22-1** Lower frequency of equol producers in cardioembolic stroke among all subtypes of stroke

Kotaro Noda

Department of Neurology, National Cerebral and Cardiovascular Center, Japan / Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan

- O-22-2** Risk Factors of Large Vessel Occlusion of Cerebral Artery in AF Patients with DOAC

Tomonari Saito

Department of Neurology, Nippon Medical School, Japan

- O-22-3** Prediction with modified SVD scores on Progression after rt-PA for Perforator Infarction

Masanobu Yoshida

Neurology, Kobe City Medical Center General Hospital, Japan

- O-22-4** Paroxysmal atrial tachycardia in Cryptogenic Stroke predicts atrial fibrillation detected with ICM

Hidekazu Yamzaki

Department of Neurology and Neuroendovascular Treatment, Yokohama Shintoshi Neurosurgical Hospital, Kanagawa, Japan

Muscle diseases 1

Chair : Tsuyoshi Matsumura

National Hospital Organization Osaka Toneyama Medical Center, Japan

- O-23-1** Social involvement issues in patients with adult Duchenne muscular dystrophy: A questionnaire study

Madoka Mori-Yoshimura

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

- O-23-2** Screening for dysphagia on admission in adult patients with muscular dystrophy

Toshiyuki Yamamoto

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

- O-23-3** Ultrasonography can help diagnose facioscapulohumeral muscular dystrophy

Isamu Yamakawa

Shiga University of Medical Science, Japan

- O-23-4** Clinical features of irAE myositis primarily affecting posterior neck muscles and paraspinal muscles
Masao Osaki
Toranomon Hospital, Japan

O-24 Oral Session 24

Jp

June 1 (Thu) 9:45 ~ 10:45

Room 14 (Tokyo Bay Makuhari Hall 2F No. 9, 10)

Muscle diseases 2

Chair : Satoshi Yamashita
International University of Health and Welfare Narita Hospital, Japan

- O-24-1** A Survey of Anti-mitochondrial Antibody-positive Myositis Using a Nationwide Questionnaire in Japan
Meiko Maeda
Department of neurology, The University of Tokyo Hospital, Japan

- O-24-2** Role of EMG in diagnosing IIM under EULAR / ACR classification criteria
Keiichi Hokkoku
Department of Neurology, Teikyo University School of Medicine, Japan

- O-24-3** Linkage of assessing autonomic nervous system activity in early diagnosis of locomotive syndrome
Nagato Kuriyama
Department of Social Health Medicine, Shizuoka Graduate University of Public Health, Japan

- O-24-4** How much does grip strength increase depending on a dynamometer position in neuromuscular diseases?
Yasushi Oya
Dept of Neurol, National Center of Neurology & Psychiatry (NCNP), Japan

O-25 Oral Session 25

Jp

June 2 (Fri) 9:45 ~ 11:15 Room 03 (Makuhari Messe International Conference Hall 2F 201)

Neurogenetics and Gene therapy 1

Chair : Akihiro Hashiguchi
Kagoshima University Hospital, Neurological Disease Center, Neurology, Japan

- O-25-1** Genetic counseling and predictive testing for ATTRv amyloidosis
Katsuya Nakamura
Center for Medical Genetics, Shinshu University Hospital, Japan / Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan

- O-25-2** Establishment of a new inexpensive and informative genetic analysis method for repeat disease
Keiji Tachikawa
St.marianna univ, Japan

- O-25-3** Whole-genome sequencing in young patients with stroke
Riyoko Ko
 Division of Neurology, Department of Internal Medicine, St. Marianna University School of Medicine, Japan
- O-25-4** Post-marketing surveillance of nusinersen, an SMA treatment, in Japan: Interim results to May 2022
Yosuke Tachibana
 Biogen Japan, Japan
- O-25-5** Therapeutic Effects of Risipram on Seven Patients with Spinal Muscular Atrophy
Toru Yamashita
 Department of Neurology, Okayama University, Japan

O-26 Oral Session 26

Jp

June 2 (Fri) 9:45 ~ 11:15 Room 04 (Makuhari Messe International Conference Hall 3F 301)

Neuroinfection

Chair : Yoshihisa Yamano
 Department of Neurology, St. Marianna University School of Medicine, Japan

- O-26-1** Prion Disease Diagnosis criteria. Comparison among the Committee and Other International Consortia
Tadashi Tsukamoto
 Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan / Prion Disease Surveillance Committee, Japan
- O-26-2** Tickborne Encephalitis in patients with acute encephalitis or meningitis of unknown etiology
Masayuki Ohira
 Department of Clinical Laboratory, National Center of Neurology and Psychiatry (NCNP), Japan
- O-26-3** Utilization of the FilmArray® ME panel and study of aseptic meningitis in our center
Mizuki Otomo
 Sendai Medical Center, Japan
- O-26-4** Analysis of disease activity biomarker in Long-term followed HAM patients
Norihiro Takenouchi
 Department of Microbiology, Japan / Department of Neurology, Japan
- O-26-5** The diagnostic utility of soluble interleukin-2 receptor in CSF of patients with meningitis
Takafumi Hosokawa
 Department of Internal Medicine IV, Osaka Medical and Pharmaceutical University, Japan

O-26-6 Analysis of neurological prognosis in 26 patients with reactivations of the varicella-zoster virus

Joe Nemoto

Department of Neurology, Tokuyama Central Hospital, Japan

2

O-27 Oral Session 27

Jp

June 2 (Fri) 9:45 ~ 11:15 Room 05 (Makuhari Messe International Conference Hall 3F 304)

Neurorehabilitation 2

Chair : Takashi Hasegawa

Atsugi City Hospital, Department of Neurology, Japan

O-27-1 Development of the AI model to support diagnosis for peripheral neuropathies

Tomoki Suichi

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

O-27-2 Can natural language processing identify early cognitive decline in Parkinson's disease patients?

Katsunori Yokoi

Department of Neurology, National Hospital for Geriatric Medicine, National Center for Geriatrics and Gerontology, Japan / Department of Neurology, Nagoya University Graduate School of Medicine, Japan

O-27-3 Evaluating post-stroke aphasia recovery using EEG phase synchrony index

Teiji Kawano

Department of Neurology, Morinomiya Hospital, 2-1-88 Morinomiya, Joto-ku, Osaka 536-0025, Japan., Japan / Rhythm-based Brain Information Processing Unit, RIKEN CBS-TOYOTA Collaboration Center, RIKEN Center for Brain Science, Wako, 351-0198, Japan

O-27-4 Effects of High-frequency rTMS in Acute Ischemic Stroke Patients
Teppei Komatsu

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

O-27-5 Randomized, single blind clinical trial of lower level laser therapy for overactive bladder

Tomoyuki Uchiyama

International University of Health and Welfare School of Medicine Department of Neurology, Japan / International University of Health and Welfare Shioya Hospital Department of Neurology, Japan / International University of Health and Welfare Narita Hospital Department of Neurology, Japan / Chiba University School of Medicine Department of Neurology, Japan

O-27-6 Estimated population of brain-machine interfaces for communication support: A systematic review

Takuma Nakamura

Department of Neurological Diagnosis and Restoration, Osaka University Graduate School of Medicine, Japan / Department of Neurology, Kyoto Prefectural University of Medicine, Japan

Dementia 4

Chairs : Ronald Melki

CEA-CNRS-University Paris Saclay, France

Hisatomo Kowa

Kobe University Graduate School of Health Sciences, Japan

O-28-1 withdrawn**O-28-2** Degradation of Tau Oligomer by Autophagy

Tadanori Hamano

Department of Neurology, University of Fukui, Japan / Department of Aging and Dementia (DAD), University of Fukui, Japan

O-28-3 Amyloid Beta Is Internalized via HSPG, Lipid Raft-Dependent and Rac1-Mediated Macropinocytosis

Keyoumu Nazere

Department of Medical Genetics, Tokushima University Graduate School of Biomedical Sciences, Japan / Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Japan

O-28-4 Clonally expanded CD8 T cells at an early stage of beta-amyloid pathology

Masaki Ohyagi

Department of Microbiology and Immunology, Keio University School of Medicine, Japan / Department of Neurological Science, Tokyo Medical and Dental University, Japan

O-28-5 In vivo illustration of a new anti-Alzheimer's disease drug effect on neuronal viability in mice

Yasuomi Ouchi

Dept of Biofunctional Imaging, Hamamatsu University Sch Med, Japan

O-28-6 RGMa signaling as a novel therapeutic target against vascular and diabetes-related dementia

Takahide Itokazu

Neuro-Medical Science, Graduate School of Medicine, Osaka University, Japan / Molecular Neuroscience, Graduate School of Medicine, Osaka University, Japan

Cerebrovascular disease 4

Chairs : Shigeru Nogawa

Department of Neurology, Tokai University Hachioji Hospital, Japan

Yoshiaki Itoh

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

O-29-1 Temporal changes in the expression of microRNAs related to acute ischemia in the gerbil hippocampus

Yasuhiro Hamada

Department of supportive and promotive medicine of the municipal hospital, Faculty of Medicine, Kagawa University, Japan / Department of Gastroenterology and Neurology, Faculty of Medicine, Kagawa University, Japan

O-29-2 Neuroinflammation accelerates the brain atrophy after hemorrhage stroke

Sungpil Joo

Chonnam National University Hospital, Korea

O-29-3 The role of polymorphonuclear myeloid-derived suppressor cells (PMN-MDSCs) and neutrophils in stroke

Haomin Yan

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

O-29-4 Suppression of inflammation via PCSK9 inhibition can improve outcome after ischemic injury

Atsushi Mizuma

Department of Neurology, Tokai University School of Medicine, Japan

O-29-5 Vessel-associated microglia precede cerebrovascular changes in a chronic hypertension model

Takashi Koizumi

Dept. of Anatomy and Neurobiology, Kyoto Prefectural University of Medicine, Japan

O-29-6 Polycomb group complex regulates neurogenesis after transient ischemia in gerbil hippocampus

Yoshihide Sebara

Division of Genetic Therapeutics, Center for Molecular Medicine, Jichi Medical University, Japan

Motor neuron disease 3

Chairs : Shyuan T. Ngo

The University of Queensland, Australia

Yohei Okada

Institute for Medical Science of Aging, Aichi Medical University, Japan

O-30-1 withdrawn

- O-30-2** Dysregulated endocannabinoid system is a therapeutic target for amyotrophic lateral sclerosis

Daisuke Ito

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

- O-30-3** Japan Registry for Adult subjeCTs of Spinal Muscular Atrophy (jREACT-SMA): 1-Year Interim Results

Kentaro Sahashi

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

- O-30-4** The reliability study for Japanese version of Columbia Muscle Cramp Scale in ALS

Masahiro Sawada

Department of Neurology, Toho University Faculty of Medicine, Japan

- O-30-5** The reliability of Japanese version Primary Lateral Sclerosis Functional Rating Scale (PLSFRS)

Masaru Yanagihashi

Department of Neurology, Toho University Faculty of Medicine, Tokyo, Japan

- O-30-6** Efficacy, Safety and Tolerability of High Caloric Diet in Amyotrophic Lateral Sclerosis

Karen Joy B. Adiao

University of the Philippines - Philippine General Hospital, Philippines

O-31 Oral Session 31

En

June 2 (Fri) 9:45 ~ 11:15 Room 09 (Makuhari Messe International Conference Hall 1F 104)

Peripheral neuropathy and Metabolic disorders 3

Chairs : Nortina Shahrizaila

University of Malaya, Malaysia

Kenichi Kaida

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

- O-31-1** Early Management of Respiratory Failure as a Prognosticative Tool In managing MillerFischer Syndrome

Muhamad Syis S. Bin Zulkipli

Bentong Hospital, Pahang, Malaysia

- O-31-2** Ultrasonography of carpal tunnel syndrome: correlation with clinical and electrodiagnostic findings

Selenge Enkhtuya

Reflex Clinic, Mongolia

- O-31-3** Clinical diversity of patients with neuronal intranuclear inclusion disease (NIID) (3rd report)

Tomoko Okamoto

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

O-31-4

Anti-Annexin A2 autoantibodies relate to neuropathic pain**Kaoru Kashu**

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

O-31-5

Electrophysiologic profile of Filipino patients chronically exposed to Arsenic**Mario Jr B. Prado**

University of the Philippines Manila College of Medicine, Philippines / Department of Neurosciences, Philippine General Hospital, Philippines / University of the Philippines Manila College of Public Health, Philippines

O-31-6

Assessment of small fiber involvement in autoimmune nodopathy by quantitative sensory testing**Takayuki Fujii**

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

O-32 Oral Session 32**En**

June 2 (Fri) 9:45 ~ 11:15 Room 10 (Makuhari Messe International Conference Hall 1F 105)

Muscle diseases 3Chairs : **Wen-Hua Zhu**

Department of Neurology, Huashan Hospital Fudan University, China

Eri Arikawa-hirasawa

Juntendo School of Medicine Department of Neurology, Japan

O-32-1

Muscle pathology of BMD mouse models carrying sever- and milder-form exon-deletions**Daigo Miyazaki**

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan / Shinshu Medical Care Collaboration Center (Division of Support for Intractable Disease), Shinshu University Hospital, Japan

O-32-2

Specific Alterations of Lipidome in Urine-derived Cells from Duchenne Muscular Dystrophy's Patients**Katsuhiko Kunitake**

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

O-32-3

Circulating alpha-Klotho combats TGF-beta-induced sarcopenia**Yutaka Ohsawa**

Neurology, Kawasaki Medical School, Japan

O-32-4

Nationwide survey of patients with multisystem proteinopathy (MSP) in Japan**Satoshi Yamashita**

International University of Health and Welfare Narita Hospital, Japan / Kumamoto University Graduate School of Medical Sciences, Japan

O-32-5

~~Scleromyxedema myopathy – a new entity with excessive autophagic vacuoles with sarcolemmal features~~

~~Jingchu Yuan~~

~~Department of Neurology, Peking University First Hospital, China~~

withdrawn

O-33 Oral Session 33

Jp

June 2 (Fri) 9:45 ~ 11:15

Room 11 (Tokyo Bay Makuhari Hall 2F No.3, 4)

Clinical Neurophysiology

Chair : Chieko Murakami

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

O-33-1

Physiological characteristics of action potential estimated by median nerve magnetic field

Kentaro Nakayama

Department of Neurology, Kansai Medical University, Japan

O-33-2

Where is the best electrode position for recording the N21 potential in tibial nerve SEPs?

Chizuko Oishi

Department of Neurology, Kyorin University School of Medicine, Japan / Department of
Neurology, Teikyo University School of Medicine, Japan

O-33-3

Assessment of sudomotor dysfunction using SUDOSCAN in patients with Parkinson's disease

Takahiro Shimizu

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

O-33-4

Crucial role of visual cognition on the PISA syndrome in Parkinson's disease

Asako Yoritaka

Neurology, Juntendo University Koshigaya Hospital, Japan

O-33-5

Diagnosis of neurogenic and myogenic changes by contraction fasciculation on muscle ultrasonography

Shun Matoba

Kobe University Hospital Neurology, Japan

O-33-6

Vestibular reflex changes underlying chronic dizziness

Ken Johkura

Department of Neurology, Yokohama Brain and Spine Center, Japan

Parkinsonism and Related disorders 3

Chair : Hiroo Terashi

Department of Neurology, Tokyo Medical University, Japan

- O-34-1** Characteristics of word recall impairment in progressive supranuclear palsy/corticobasal syndrome

Yosuke Kono

Fujita Health University Hospital Neurology, Japan

- O-34-2** Investigation of Clinical Factors Affecting Changes in QOL in Parkinson's Disease Over Time

Yuji Tsujimura

Fujita Health University Department of Neurology, Japan

- O-34-3** Diagnosis of Parkinsonism based on frontal lobe disease and presentation of typical cases

Fuji Yokoi

Department of Neurology Aichi Prefecture Welfare Federation of Agricultural Cooperatives Atumi hospital, Japan

- O-34-4** Multiple system atrophy at an initial stage exhibits laterality of middle cerebellar peduncles

Minori Furuta

Gunma University Graduate School of Medicine, Japan

- O-34-5** Examination of vagus nerve cross-sectional area in Parkinson's disease

Tomoyuki Miyamoto

Department of Neurology, Dokkyo Medical University Saitama Medical Center, Japan

- O-34-6** Mild hyposmia may correlate with cardiac sympathetic denervation in multiple system atrophy

Tatsushi Kokubu

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

Cerebrovascular disease 5

Chair : Matsumoto Noriko

Department of Neurology, Japan

- O-35-1** Temporal change of intracranial atherosclerotic plaque characteristic in acute ischemic stroke

Yoshiki Yagita

Department of Stroke Medicine, Kawasaki Medical School, Japan

- O-35-2** Investigation of posterior communicating artery and functional prognosis in basilar artery embolism
Tsugio Akutsu
Department of Neurology Kitasato University, School of medicine, Japan
- O-35-3** Efficacy and safety evaluation of patent foramen ovale closure by ultrasound attached to the neck
Hidetaka Mitsumura
Department of Neurology, The Jikei University School of Medicine, Japan
- O-35-4** Outcome of reperfusion therapy for patients with both acute ischemic stroke and active cancer
Rei Sakurai
Osaka University Graduate School of Medicine, Japan
- O-35-5** Clinical characteristics of 165 cases of stroke with COVID-19 in Japan
Yasuhiro Nishiyama
Department of Neurology, Nippon Medical School, Japan
- O-35-6** Clinical features for early Wallerian degeneration after acute cerebral infarction
Kazumichi Ota
Department of Neurology, Saitama Medical University, Japan

O-36 Oral Session 36**Jp**

June 2 (Fri) 9:45 ~ 11:15

Room 14 (Tokyo Bay Makuhari Hall 2F No. 9, 10)

Neuroimmunology 4

Chair : Toshiki Fujioka
Toho University Ohashi Medical Center, Japan

- O-36-1** Circulating Plasmablasts and Follicular Helper T-cell Subsets Characterize Autoimmune Epilepsy
Atsushi Hara
Division of Neurology, Kobe University Graduate School of Medicine, Japan
- O-36-2** Clinical application of HIS score estimating CSF GluN1 antibody titers in anti-NMDAR encephalitis
Masaki Iizuka
Department of Neurology, Kitasato University School of Medicine, Japan
- O-36-3** Usefulness and limitations of commercial rat brain immunohistochemistry as GFAP antibody screening
Makoto Nagashima
Department of Neurology, Kitasato University School of Medicine, Japan
- O-36-4** Usefulness and limitations of commercial immunohistochemistry as neuronal surface antibody screening
Naomi Nagata
Department of Neurology, Kitasato University School of Medicine, Japan

O-36-5 Survey of newly diagnosed autoimmune-mediated encephalitis in 2021

Haruna Akanuma

Fukushima Medical University, Department of Neurology, Japan

O-36-6 Clinical significance of MOG antibodies in anti-NMDA receptor encephalitis

Masaaki Nakamura

Department of Neurology, Kitasato University School of Medicine, Japan

O-37 Oral Session 37

Jp

June 3 (Sat) 10:15 ~ 11:45 Room 01 (Makuhari Messe International Conference Hall 2F Convention Hall)

Epilepsy

Chair : Misa Nakano

Suita Municipal Hospital Department of Neurology, Japan

O-37-1 Diagnostic usefulness of arterial spin labeling in epilepsy with and without status epilepticus

Tatsuya Sato

Department of Neurology, Brain Attack Center Ota Memorial Hospital, Japan

O-37-2 Automatic estimation of epileptogenic zone using deep learning on Intracranial EEG recordings

Toshiki Okadome

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

O-37-3 The factors associated with efficacy of intravenous diazepam trial for suspected cases of NCSE

Yoshihiro Tanaka

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

O-37-4 Characteristics of EEG findings of myelin oligodendrocyte glycoprotein antibody-associated diseases

Kazutoshi Konomatsu

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

O-37-5 Predictors of postsurgical outcome in mesial temporal lobe epilepsy with hippocampal sclerosis

Temma Soga

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

O-37-6 ~~Status of use of intravenous lacosamide for epilepsy in our hospital~~

~~Koki Yoshizawa~~

~~Matsudo City General Hospital Department of Neurology, Japan~~

presentation canceled

Parkinsonism and Related disorders 4

Chairs : Francisco Cardoso

The Federal University of Minas Gerais, Brazil

Kazushi Takahashi

Tokyo Metropolitan Neurological Hospital, Japan

- O-38-1** Prevalence and associated factors of sarcopenia in patients with drug-naïve Parkinson disease

Junichiro Takahashi

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

- O-38-2** Influence of individual heterogeneity on uncertainty of randomized trials in Parkinson's disease

Kazuto Tsukita

Department of Neurology, Graduate School of Medicine, Kyoto University, Japan / Advanced Comprehensive Research Organization, Teikyo University, Japan / Division of Sleep Medicine, Kansai Electric Power Medical Research Institute, Japan

- O-38-3** presentation cancelled

- O-38-4** Triiodothyronine as a biomarker for distinguishing Parkinson's disease from multiple system atrophy

Tadashi Umehara

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

- O-38-5** Low plasma lysophosphatidylcholine related to body weight and compositions in Parkinson's disease

Yasuaki Mizutani

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

- O-38-6** Risk factors of walking disability in Parkinson's disease

Shuro Kogawa

Department of Neurology, Kohka Public Hospital, Japan

Parkinsonism and Related disorders 5

Chairs : Nobukatsu Sawamoto

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

Masamichi Ikawa

Department of Neurology, University of Fukui Hospital, Japan

- O-39-1** The Experiences and Perceptions of Filipino Patients with Parkinson Disease

Gilean Gayle R. Tenebrancia

Saint Paul University Iloilo Philippines - College of Rehabilitation Sciences, Philippines

O-39-2 Istradefylline therapy for PD plus dystonia and the blood assay of xanthine derivatives

Naomi Kanzato

Okinawa prefectural southern medical center & children's medical center, Japan

O-39-3 Analysis of adverse events in Levodopa-Carbidopa Intestinal Gel therapy: A single-center study

Ryohei Horiguchi

Department of Neurology, Yokohama City University Medical Center, Japan / Emergency

Department, Yokohama City University Medical Center, Japan

O-39-4 Effect of perception of vertical position on forward flexion posture in Parkinson's disease

Makoto Shiraishi

Division of Neurology, St. Marianna University School of Medicine, Japan / Kanto Parkinson's Study group, Japan

O-39-5 Effects of rasagiline on motor symptoms and MRI parameters in Parkinson's disease

Shinji Saiki

Department of Neurology, Juntendo University School of Medicine, Japan

O-39-6 Adverse Events of Opicapone Adjunctive Therapy in 60 Consecutive Patients

Takeshi Bo

Department of Neurology, Saitama Prefectural Rehabilitation Center, Japan

O-40 Oral Session 40

Jp

June 3 (Sat) 10:15 ~ 11:45 Room 08 (Makuhari Messe International Conference Hall 1F 103)

Neuroimmunology 5

Chair : Kaori Sakuishi

Teikyo University Chiba Medical Center, Japan

O-40-1 Treatment with Immune checkpoint inhibitors for asymptomatic positive cases of anti-AChR antibodies

Shohei Ikeda

Department of Neurology, Toyota Kosei Hospital, Japan

O-40-2 Utility of the combination of SEPs and ABRs in the diagnosis of Bickerstaff brainstem encephalitis

Takamichi Kanbayashi

Teikyo University School of Medicine, Japan

O-40-3 Establishment of neuroimmunological disorder registry

Sonoko Misawa

Department of Neurology, Graduate School of Medicine, Japan

O-40-4 Gammaglobulin therapy induces a transient positive response to autoantibodies

Wataru Shiraishi

Kokura Memorial Hospital, Japan

- O-40-5** The efficacy cases of anti-IL6 inhibitor to macrophage activation syndrome with neuroimmune diseases

Taichi Nomura

Department of Neurology, National Hospital Organization Hokkaido Medical Center, Japan

- O-40-6** Study of two patients with anti-centromere antibody who showed type 2 respiratory failure

Ryoji Naganuma

Department of Neurology, NHO Hokkaido Medical Center., Japan

O-41 Oral Session 41

En

June 3 (Sat) 10:15 ~ 11:45 Room 09 (Makuhari Messe International Conference Hall 1F 104)

Neuroimmunology 6

Chairs : Sachiko Miyake

Department of Immunology, Juntendo University School of Medicine, Japan

Takahiro Iizuka

Kitasato University School of Medicine, Department of Neurology, Japan

- O-41-1** Benign autoimmunity: the binding stability of self-peptides controls tissue antigen-specific Tregs

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-41-2** CLEC16A-driven mitophagy limits astrocyte pro-inflammatory activities

Atsushi Kadowaki

Ann Romney Center for Neurologic Diseases, Brigham and Women's Hospital, Harvard Medical School, USA

- O-41-3** Diagnostic strategy of autoimmune encephalitis based on a rat brain immunohistochemistry

Takahiro Iizuka

Department of Neurology, Kitasato University School of Medicine, Japan

- O-41-4** Role of Epstein-Barr virus and Mycobacterium avium paratuberculosis in CNS demyelinating disorders

Davide Cossu

Juntendo University, Japan / Sassari University, Italy

- O-41-5** withdrawn

- O-41-6** Investigation of the pathogenesis of experimental myasthenia gravis using single cell RNA analysis

Hiroyuki Akamine

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

Neurorehabilitation 3

Chair : Masaaki Hirayama

Nagoya University Graduate School of Medicine, Japan

- O-42-1** Effects of mediVR KAGURA[®]-guided therapy on gait and upper limb in severe Parkinson's disease

Keito Shinmoto

mediVR Rehabilitation Center Tokyo, Japan

- O-42-2** Relationship between repeated admission for Parkinson's disease rehabilitation and ADL improvement

Hideki Tokuoka

Neurology, Hyogo Prefectural Central Rehabilitation Hospital, Japan

- O-42-3** Assessment of skeletal muscle mass in Parkinson's disease

Eriko Yokoyama

Akita prefectural center for rehabilitation and psychiatric medicine, Japan

- O-42-4** A nationwide survey of mobilization and management for complications in acute stroke rehabilitation

Koichi Oki

Department of Neurology, Stroke Center, Tokyo Saiseikai Central Hospital, Japan

- O-42-5** Institutional features of primary stroke centers on which COVID-19 impacted

Naoki Oyama

Department of Stroke Medicine, Kawasaki Medical School, Japan

- O-42-6** Early oral intake rehabilitation is associated with dysphagia improvement in acute ischemic stroke

Tatsuo Miyamoto

Division of Neurology, Sendai City Hospital, Japan

Peripheral neuropathy and Metabolic disorders 4

Chair : Michiaki Koga

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

- O-43-1** The analysis of peripheral blood lymphocyte subsets in Guillain-Barré syndrome acute phase

Baku Hashimoto

Saitama medical center Neurology, Japan

O-43-2 Target antigens of bulbar palsy in Guillain-Barré syndrome:
Glycolipid complexes with GT1a
Michiaki Koga
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of
Medicine, Japan

O-43-3 Neurological disorder of COVID-19
Hiroki Nakayama
Metropolitan Bokutoh Hospital neurology, Japan

O-43-4 Multicenter study on the incidence of Guillain-Barré Syndrome
during the COVID-19 pandemic
Toshiyuki Hayashi
Department of Neurology, Nippon Medical School Hospital, Japan

O-43-5 Paradoxical hypokalemia is common in non-periodic hypokalemic
paralysis
Akiyuki Hiraga
Department of Neurology, Chiba Rosai Hospital, Japan

O-43-6 Clinical characteristics of ceftriaxone-induced encephalopathy:
a case series of three patients
Akihiro Tanaka
Department of Neurology, Kansai Rosai Hospital, Japan

O-44 Oral Session 44

Jp

June 3 (Sat) 10:15 ~ 11:45

Room 12 (Tokyo Bay Makuhari Hall 2F No. 5, 6)

Neuroimaging

Chair : Mizuki Ito
Fujita Health University Bantane Hospital, Japan

O-44-1 Differential diagnosis of PSP using STN area and susceptibility
measured by QSM
Shotaro Haji
Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan

O-44-2 A study on the rate of progression of midbrain atrophy for each type
in PSP
Ryu Yokoyama
Department of neurology, Saitama Medical University, Japan

O-44-3 Midbrain atrophy detected by MRI in Parkinson's disease
Wataru Sako
Department of Neurology, Juntendo University School of Medicine, Japan

O-44-4 Automated analysis of corpus callosum in neurodegenerative diseases
Jinsoo Koh
Department of Neurology, Wakayama Medical University, Japan

- O-44-5** Availability of CIS ratio in differentiating DLB from AD depending on MMSE score

Yuki Asahara

Research Team for Neuroimaging, Tokyo Metropolitan Institute of Gerontology, Japan

- O-44-6** Neural correlates of pareidolia phenomenon in Lewy body disease

Michiko Izumi

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

O-45 Oral Session 45

Jp

June 3 (Sat) 10:15 ~ 11:45

Room 13 (Tokyo Bay Makuhari Hall 2F No. 7, 8)

Cerebrovascular disease 6

Chair : Toru Yamashita

Department of Neurology, Okayama University, Japan

- O-45-1** Factors affecting functional prognosis after acute reperfusion therapy

Ichiro Deguchi

Department of Neurology and Cerebrovascular Medicine, Saitama Medical University
International Medical Center, Japan

- O-45-2** Association Between Optimal Mismatch Ratio And Favorable Outcome By ASPECTS And Ischemic Core Volume

Hiroyuki Kida

Department of Neurology, National Cerebral and Cardiovascular Center, Suita, Japan /
Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center, Suita, Japan

- O-45-3** Assessment with histopathological features of retrieved thrombi and D-dimer in acute ischemic stroke

Jo Matsuzaki

Department of Stroke Neurology & Neuroendovascular surgery, Moriguchi-Ikuno Memorial Hospital, Japan

- O-45-4** Treatment results of IV rt-PA in patients with stroke and low ASPECTS: K-NET registry analysis

Naoya Kamimura

Department of Neurology, Yokohama Brain and Spine Center, Japan

- O-45-5** Is mechanical thrombectomy effective in stroke more than 16 hours after last well known time?

Takehiro Katano

Department of Neurology, Nippon Medical School, Japan

- O-45-6** Distal trans-radial approach for neuroendovascular intervention

Yoshinori Kurauchi

Sapporo Shiroishi Memorial Hospital Neurology, Japan

Neurogenetics and Gene therapy 2

Chairs : Nobutaka Hattori

Department of Neurology, Juntendo University School of Medicine, Japan

Makito Hirano

Kindai University, Department of Neurology, Japan

O-46-1 Sustained therapeutic benefits by transient reduction of TDP-43 using ENA-modified ASOs in ALS mice

Toshihide Takeuchi

Life Science Research Institute, Kindai University, Japan / Osaka University Graduate School of Medicine, Japan

O-46-2 Cellular type-selective gene delivery system into the brain using antibody-gene binding peptides

Hiroshi Kida

Department of Anatomy, School of Medicine, Fukuoka University, Japan

O-46-3 Development of chemical modifications to overcome neurotoxicity of antisense oligonucleotide

Takayuki Kuroda

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

O-46-4 Rapid screening of repeat expansion diseases using nanopore sequencer

Satoko Miyatake

Department of Clinical Genetics, Yokohama City University Hospital, Japan / Department of Human Genetics, Yokohama City University Graduate School of Medicine, Japan

O-46-5 Genome-Wide Association Study by Proxy of Alzheimer's Disease (AD) Risk in a Japanese Cohort Study

Makiko Taira

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

O-46-6 Development of novel gene therapy for MELAS by editing mitochondrial DNA

Ryuji Hata

Fujita Health Univ. School of Medicine Dept. of Anatomy1, Japan