

**Cerebrovascular disease**

Chair : Kazuo Kitagawa

Department of Neurology, Tokyo Women's Medical University

- O-38-1** A nationwide multi-center questionnaire survey on the management of post-stroke dementia in Japan

Kazuo Washida

Division of Neurology, National Cerebral and Cardiovascular Center

- O-38-2** Weight of retrieved clots and clinical/pathological features in the patients with thrombectomy

Masanori Cho

Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital

- O-38-3** Development and installation of Visual Task Management ICT system for Acute Stroke Care

Shoji Matsumoto

Department of Comprehensive Strokeology, Fujita Health University School of Medicine /  
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University

- O-38-4** The efficacy of carotid arterial stenting divided before and after invasive surgeries

Shigen Kasakura

Department of Cerebral Endovascular Treatment, Saitama Medical University International Medical Center

- O-38-5** Features of stroke patients treated with intracranial angioplasty for acute recanalization

Keisuke Imai

Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital

- O-38-6** Changes in LDL cholesterol values and statin use for acute stroke recurrence

Misato Yokose

Division of Neurology, Department of Medicine, Jichi Medical University

**Parkinsonism and Related disorders (therapeutics)**

Chair : Masahiko Suzuki

The Jikei University Katsushika Medical Center

- O-39-1** Relationship between inferior longitudinal fiber damage and hallucination in Parkinson disease

Natsuko Yuki

National Hospital Organization, Maizuru Medical Center, Department of Neurology

- O-39-2** The right temporo-parietal cortex plays a role in the verticality perception of Parkinson's disease  
**Masayuki Kohsaka**  
 Department of Neurology, National Hospital Organization Utano Hospital / Clinical Research Center, National Hospital Organization Utano Hospital
- O-39-3** Analysis of diffusion MRI data in corticobasal syndrome by MRtrix 3  
**Shun Sakamoto**  
 Department of Internal Medicine Division of Neurology, Hyogo College of Medicine
- O-39-4** Characteristics of apathy in treatment-naïve patients with Parkinson's disease  
**Hiroo Terashi**  
 Department of Neurology, Tokyo Medical University
- O-39-5** Vestibulo-ocular reflex abnormality in Parkinson disease detected by head impulse test  
**Takuya Fukuoka**  
 Department of Neurology, Saitama Medical University
- O-39-6** Efficacy of vibration and posture adjustment for camptocormia in Parkinson's disease  
**Yasuyuki Iwata**  
 Department of Physical Rehabilitation, National Center Hospital of Neurology and Psychiatry

**O-40 Oral Session 40****En**

May 25 (Sat) 10:15 ~ 11:45 Room 4 (Osaka International Convention Center 10F Conference Room 1001-1002)

**Neuroscience 2**

Chair : Shin-ichi Muramatsu  
 Division of Neurology, Department of Medicine, Jichi Medical University

Commentator : Yukio Kawahara  
 Department of RNA Biology and Neuroscience, Graduate School of Medicine, Osaka University

- O-40-1** TDP-43 controls ribosomal RNA maturation by regulating the function of ribosomal proteins  
**Seiichi Nagano**  
 Department of Neurology, Osaka University Graduate School of Medicine, Japan / Department of PNS Research, National Institute of Neuroscience, CNRP, Japan
- O-40-2** FTD-3-associated CHMP2B mutations leads to impaired exosomal secretion  
**Taiji Tsunemi**  
 Department of Neurology, Juntendo University, Japan
- O-40-3** LC-domain misregulation leads to amyotrophic lateral sclerosis and related diseases  
**Eiichiro Mori**  
 Department of Future Basic Medicine, Nara Medical University, Japan

O-40-4 Effect of fingolimod on oligodendrocyte maturation under prolonged cerebral hypoperfusion

Ken Yasuda

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

O-40-5 Motor nerve organoid to analyze axonal degeneration as the early event in ALS

Naoki Suzuki

Department of Neurology, Tohoku University, Japan

O-40-6 Induction of polymorphonuclear myeloid-derived suppressor cells in ischemic stroke in mice

Tomohiro Kawano

Department of Neurology, Osaka University Graduate School of Medicine, Japan / Department of Health Development and Medicine, Osaka University Graduate School of Medicine, Japan

**O-41 Oral Session 41**

**Jp**

May 25 (Sat) 10:15 ~ 11:45 Room 5 (Osaka International Convention Center 10F Conference Room 1005-1007)

**Neuromuscular junction disorders**

Chair : Kimiaki Utsugisawa

Hanamaki General Hospital

O-41-1 Neutrophil activity in myasthenia gravis using a real-time luminescence monitoring system

Arata Abe

Department of Neurology and Stroke Medicine, Tokyo Metropolitan Tama Medical Center

O-41-2 National Epidemiological Survey of Myasthenia Gravis and Lambert-Eaton Myasthenic Syndrome 1st

Hiroaki Yoshikawa

Kanazawa University Health Service Center

O-41-3 When do patients with generalized myasthenia gravis achieve the practical treatment goal ?

Yukiko Ozawa

Department of Neurology, Chiba University School of Medicine

O-41-4 The effectiveness of early fast-acting treatment for myasthenic crises avoidance

Ryo Sugaya

National Hospital Organization Sendai Medical Center, Neurology / Kesenuma City Motoyoshi Hospital

O-41-5 Clinical features of of myasthenia gravis and myositis associated with immune checkpoint inhibitors

Masao Osaki

Department of Neurology, Toranomon Hospital

O-41-6 Report of a study on carry-over childhood onset Myasthenia Gravis

Yuki Hatanaka

Department of Neurology Teikyo University Medical Hospital

**Neuroinfection**

Chair : Hideto Nakajima  
Nihon University School of Medicine, Neurology

**O-42-1 Analysis of biomarkers in human prion disease patients**

Katsuya Satoh  
Department of Health Sciences, Unit of Rehabilitation Sciences, Nagasaki University Graduate School of Biomedical Sciences

**O-42-2 Adaptation of acyclovir in aseptic meningitis**

Ruoyi Ishikawa  
Hiroshima City Hospital Neurology

**O-42-3 DAT scan indicates preserved dopamine transporter until the middle stage of clinical course in GSS**

Natsuki Suetsugi  
Kouhoukai Takagi Hospital, division of Neurology

**O-42-4 Epidemiological survey and analysis of Progressive multifocal leukoencephalopathy in Japan**

Yoshiharu Miura  
Department of Neurology, Tokyo Metropolitan Komagome Hospital

**O-42-5 Glossopharyngeal nerve and vagus nerve paralysis cases caused by varicella zoster virus**

Taiji Mukai  
Department of Neurology, The Jikei University Kashiwa Hospital

**O-42-6 Features of acute encephalitis/encephalopathy in elderly patient**

Atsushi Yamamoto  
Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital, Kyoto, Japan

**Cerebrovascular disease (Clinical research 4)**

Chair : Hidekazu Tomimoto  
Mie University Graduate School of Medicine, Department of Neurology

Commentator : Shutaro Takashima  
JCHO Takaoka Fushiki Hospital

**O-43-1 Frequent PACs in cryptogenic stroke patients predict AF in insertable cardiac monitoring**

Kenichi Todo  
Department of Neurology, Osaka University Hospital, Japan

O-43-2 The anterior 1/3 of the internal capsule is also supplied by the the anterior choroidal artery

Yasumasa Yamamoto

Department of Neurology, Kyoto Katsura Hospital, Japan

O-43-3 Cilostazol ameliorates I/R-induced BBB disruption by inhibiting endoplasmic reticulum stress

Ding Nan

Peking University First Hospital, China

O-43-4 18F-THK5351 PET can identify Wallerian degeneration of the pyramidal tract in a post-stroke patient

Kenji Ishibashi

Research Team for Neuroimaging, Tokyo Metropolitan Institute of Gerontology, Japan /  
Department of Neurology, Tokyo Metropolitan Cancer and Infectious Diseases Center  
Komagome Hospital, Japan

O-43-5 Three-year survival and recurrence after stroke in the era of DOAC and DAPT

Yoshinari Nagakane

Department of Neurology, Kyoto Second Red Cross Hospital, Japan

O-43-6 withdrawn

## O-44 Oral Session 44

Jp

May 25 (Sat) 10 : 15 ~ 11 : 45 Room 9 (Osaka International Convention Center 12F Conference Hall)

### Neurorehabilitation

Chair : Akira Satoh

Section of Neurology, Nagasaki Kita Hospital

O-44-1 Epoch-making trial to prevent a fall in patients with decreased trunk function using a fabric

Muneto Tatsumoto

Medical Safety Management Center, Dokkyo Medical University Hospital / Department of  
Neurology, Dokkyo Medical University

O-44-2 The study about the effect of Hybrid Assistive Limb® on spinal and bulbar muscular atrophy patients

Daisuke Mizui

Ichinomiya Nishi Hospital Department of Neurology

O-44-3 The effect of integrated volitional control electrical stimulation toward chronic stroke patients

Yasumasa Asai

Yokohamashintoshi neurosurgical Hospital, Department of Rehabilitation

O-44-4 The study about the effect of Hybrid Assistive Limb® on parkinson's related disorders

Masahiro Kanai

Ichinomiyanishi Hospital

O-44-5 Effects of repetitive transcranial magnetic stimulation on cerebral glucose metabolism

Yoshihiko Horimoto

Department of Neurology, Nagoya City Rehabilitation and Sports Centre

O-44-6 Initial experience of rehabilitation using HAL<sup>®</sup> in patients with hereditary motor and sensory neuropathy with proximal dominant involvement

Miwako Kido

National Hospital Organization Okinawa Hospital department of Neurology

**O-45 Oral Session 45**

**Jp**

May 25 (Sat) 10:15 ~ 11:45 Room 10 (Osaka International Convention Center 12F Grande Toque)

**Neurogenetics/ Gene therapy (Clinical research)**

Chair : Yoshihisa Takiyama

Department of Neurology, University of Yamanashi

O-45-1 Assessment of the pathogenicity of dysferlin variants by frequency of the Japanese population

Toshiaki Takahashi

Department of Neurology, NHO Sendai-Nishitaga National Hospital

O-45-2 Screening of candidate causative genes of hereditary spastic paraplegia

Yuta Ichinose

Department of Neurology, University of Yamanashi

O-45-3 Clinical and Genetic study of VPS13D-related disorders in Japan

Kishin Koh

Department of Neurology, University of Yamanashi

O-45-4 Clinical investigation of the familial cases of MELAS associated with anticipation

Saki Hayashi

Uji Hospital, Department of Neurology

O-45-5 Novel missense variant of the TUBB4A gene in adult-onset spastic paraplegia with hypomyelination

Haruo Shimazaki

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

O-45-6 An epidemiological study of SCA34 in Japan

Kokoro Ozaki

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

**Motor Neuron Disease2**

Chair : Yasuo Iwasaki

Toho University omori Medical center, Neurology

Commentator : Hideshi Kawakami

Department of Epidemiology, RIRBM Hiroshima University

**O-46-1 Introduction of Noninvasive Ventilation and Mechanically assisted coughing in ALS Patients**

Osamu Kano

Department of Neurology, Toho University Faculty of Medicine, Japan

**O-46-2 Microvasculature as a pro-inflammatory component in a rat model of ALS**

Hitoshi Warita

Department of Neurology, Tohoku University Hospital, Japan

**O-46-3 Count of fasciculation in ultrasound can predict prognosis of amyotrophic lateral sclerosis**

Hiroyuki Todo

National Hospital Organization Hyogo-Chuo National Hospital, Japan

**O-46-4 Therapeutic effects of edaravone for enhanced oxidative stress in amyotrophic lateral sclerosis mice**

Yasuyuki Ohta

Department of Neurology, Okayama University, Japan

**O-46-5 Overestimation of Renal Function Correlates with Loss of Skeletal Muscle Volume in ALS**

Yuji Saitoh

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

**O-46-6 Clinical outcomes in adult spinal muscular atrophy treated with nusinersen**

Takashi Ayaki

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

**Neuroimmunology 2 (MS and NMO)**

Chair : Makoto Matsui

Department of Neurology, Kanazawa Medical University

Commentator : Youwei Lin

Dep. of Neurology, National Center Hospital and Dep. of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry

**O-47-1 Changes of disease activities in NMO spectrum disorders over time - a 28-year observational study**

Etsuji Saji

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

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- O-47-2**    **The analysis of the monocyte role in NMO with patient-derived AQP4 recombinant antibody**  
**Mikito Shimizu**  
Department of neurology, Osaka university graduate school of medicine, Japan
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- O-47-3**    **Chemokines associated with early relapse after fingolimod withdrawal in multiple sclerosis**  
**Yusei Miyazaki**  
Department of Clinical Research, Hokkaido Medical Center, Japan / Department of Neurology, Hokkaido Medical Center, Japan
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- O-47-4**    **Relationship between cognitive impairments and specific brain region volume in MS and NMOSD patients**  
**Ryouhei Komaki**  
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan
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- O-47-5**    **A clinically-based score predicting cryptogenic new-onset refractory status epilepticus (C-NORSE)**  
**Atsuko Yanagida**  
Department of Neurology, Kitasato University School of Medicine, Japan
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- O-47-6**    **Endothelial damage in patients with neuromyelitis optica spectrum disorder with aquaporin-4 IgG**  
**Hiroshi Kuroda**  
Department of Neurology, Tohoku University Graduate School of Medicine, Japan