

# **Oral Session**

**May 20 (Wed)**



## May 20 (Wed) Oral Session

Room1 (Toki Messe Main Hall A, 2F)

### Clinical practice issues relevant to Parkinson's disease and related disorders 1 15:25~16:25

**E**

Chairs: Hirohisa Watanabe

(Department of Neurology, Nagoya University Graduate School of Medicine, Nagoya University, Brain and Mind Research Center)

Werner Poewe

(Innsbruck Medical University, Department of Neurology, Austria)

#### O-01-1 Long term follow-up of Segawa disease

Speaker: Yoshiko Nomura

(Segawa Neurological Clinic for Children)

#### O-01-2 White matter integrity in the tegmentum area correlates with freezing of gait

Speaker: Masahito Mihara

(Department of Neurology, Osaka University Graduate School of Medicine)

#### O-01-3 Urgent hospital admission in Parkinson's disease

Speaker: Shinsuke Fujioka

(Department of Neurology, Fukuoka University)

#### O-01-4 Effect of rotigotine on 32 patients with Parkinson's disease for 24 weeks

Speaker: Hideki Shimura

(Department of Neurology, Juntendo University Urayasu Hospital)

Room3 (Toki Messe 201, 2F)

### Neuropathy 1 15:25~16:25

**E**

Chair: Hiroshi Takashima

(Department of Neurology and Geriatrics, Kagoshima University Graduate School)

#### O-02-1 Characterization of the spectrum of autoimmune autonomic ganglionopathy in Japan

Speaker: Shunya Nakane

(Department of Clinical Research, Nagasaki Kawatana Medical Center/Department of Neurology, Nagasaki Kawatana Medical Center)

- O-02-2 Autoantibodies to vinculin in patients with CIDP  
 Speaker: Minako Beppu  
 (Department of Neurology, Graduate School of Medicine, Chiba University / Department of Molecular Diagnosis, Graduate School of Medicine, Chiba University)
- O-02-3 Contactin-1 IgG4 antibodies are associated to CIDP with severe sensory ataxia  
 Speaker: Nobuhiro Yuki  
 (Departments of Medicine, National University of Singapore / Departments of Physiology, National University of Singapore)
- O-02-4 Reprogramming of Schwann cells by Mleprae promotes infection to fibroblasts  
 Speaker: Toshihiro Masaki  
 (Department of Medical Science, Teikyo University of Science)

Room4 (Toki Messe 301, 3F)

**Dementia, Clinical study 15:25~16:25**



- Chairs: Etsuro Matsubara  
 (Department of Neurology, Faculty of Medicine, Oita University)  
 Alison M. Goate  
 (Mount Sinai Medical School, USA)
- O-03-1 Clinical feature of 24 cases of sporadic Neuronal intranuclear inclusion disease  
 Speaker: Jun Sone  
 (Department of Neurology, Nagoya University Graduate School of Medicine)
- O-03-2 ApoE polymorphism distribution among Filipino elderly community dwellers  
 Speaker: Kristine Joyce L. Linay  
 (St. Luke's Medical Center)
- O-03-3 Risk of Alzheimer's disease in relation to diabetes  
 Speaker: Kai-chen Wang  
 (Cheng Hsin General Hospital, Taipei, Taiwan)
- O-03-4 withdrawn

Room5 (Toki Messe 302, 3F)

**Neuromuscular junction disorders 15:25~16:25**

Chair: Hiroyuki Murai

(Department of Neurology, Kyushu University)

O-04-1 Clinical characteristics of anti-LRP4 myasthenia gravis

Speaker: Waka Sakai

(Department of Clinical Neuroscience, Institute of Health Biosciences, The University of Tokushima Graduate School / Department of Neurology National Hospital Organization Nagasaki-Kawatana Medical Center)

O-04-2 Videofluoroscopic assessment in patients with myasthenia gravis

Speaker: Atsushi Tsuruoka

(Department of Neurology, St. Marianna University School of Medicine, Yokohama City Seibu Hospital)

O-04-3 Combination of tacrolimus and immunoglobulin as the initial treatment of MG

Speaker: Kengo Fujita

(Kansai Medical Univ. Department of Neurology)

O-04-4 Analysis of Clinical Profile of MG Patients From the National Database of Japan

Speaker: Hiroaki Yoshikawa

(Health Service Center, Kanazawa University / Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences)

Room6 (Toki Messe 303+304, 3F)

**miscellaneous 1 15:25~16:25**



Chair: Mieko Ogino

(Kitasato University School of Medicine, Research and Development Center for New Medical Frontiers, Department of Comprehensive Medicine, Division of Integrated Care and Whole Person Care)

O-05-1 Urinary dysfunction in PSP in comparison with PD and MSA

Speaker: Tatsuya Yamamoto

(Department of Neurology, Graduate School of Medicine, Chiba University)

O-05-2 Clinical Predictors of Outcome in Patients Treated With Therapeutic Hypothermia

Speaker: Gemmalynn B. Sarapuddin

(The Medical City)

- O-05-3 Incidence and characteristics of injuries due to falls in Neurological diseases  
 Speaker: Ikuko Aiba  
 (Department of Neurology, National Hospital Organization, Higashi Nagoya National Hospital)
- O-05-4 4 cases of nasogastric tube syndrome; a life-threatening laryngeal obstruction  
 Speaker: Kenzo Sakurai  
 (Department of Neurology, St. Marianna University School of Medicine)

Room7 (Toki Messe 306+307, 3F)

**Management of intractable neurological diseases**

15:25~16:25

Chair: Seiji Kikuchi  
 (Department of Neurology, Hokkaido Medical Center)

- O-06-1 Establishing a new management style of national registry - myotonic dystrophy  
 Speaker: Masanori Takahashi  
 (Department of Neurology, Osaka University Graduate School of Medicine)
- O-06-2 Inductive medical management of IND on the basis of Clinical ethics  
 Speaker: Masanobu Sonobe  
 (Dai-ni Okamoto General Hospital, SCC of Intractable Neurological Disease)
- O-06-3 Long-term medical care utilizing hospital respite for neurodegenerative diseases  
 Speaker: Hiroyuki Kato  
 (Department of Neurology, International University of Health and Welfare Hospital)
- O-06-4 Palliative care support team for patients with neuromuscular disease  
 Speaker: Tokuhei Ikeda  
 (Department of Neurology, National Hospital Organization Iou Hospital/Palliative Care Support Team, National Hospital Organization Iou Hospital)

Room8 (Toki Messe International Conference Hall, 4F)

**Molecular mechanism underlying spinocerebellar ataxia and spastic paraplegia**

**E**

15:25~16:25

Chairs: Yoshio Ikeda

(Department of Neurology, Gunma University Graduate School of Medicine)

Laura P.W. Ranum

(Center for NeuroGenetics, University of Florida, USA)

O-07-1 p62 plays a protective role in neurodegenerative diseases model flies

Speaker: Yuji Saitoh

(Department of Degenerative Neurological Diseases, National Institute of Neuroscience, National Center of Neurology and Psychiatry)

O-07-2 Establishment of transgenic marmoset models of a polyglutamine disease

Speaker: Yoshitaka Nagai

(Department of Degenerative Neurological Diseases, National Center Hospital, National Center of Neurology and Psychiatry)

O-07-3 SCA31-linked UGGAexp RNA causes progressive neurodegeneration in Drosophila

Speaker: Taro Ishiguro

(Tokyo Medical and Dental University, Department of Neurology and Neurological Science / National Institute of Neuroscience, National Center of Neurology and Psychiatry, Department of Degenerative Neurological Diseases)

O-07-4 A search for novel causative gene for hereditary spastic paraplegia

Speaker: Hiroyuki Ishiura

(Department of Neurology, The University of Tokyo)

Room9 (Toki Messe Exhibition Hall B-1, 1F)

**Neuromyelitis optica : NMO**

15:25~16:25

**E**

Chairs: Masaaki Niino

(Department of Clinical Research, Hokkaido Medical Center)

Brian G. Weinshenker

(Mayo Clinic, USA)

O-08-1 Effects of anti-AQP4 and co-existing autoantibodies in Neuromyelitis optica

Speaker: Yukio Takeshita

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

- O-08-2 Clinicopathological features of anterior visual pathway involvement in NMO  
Speaker: Mariko Hokari  
(Department of Neurology, Brain Research Institute, Niigata University)
- O-08-3 Astrocyte injury in AQP4 and MOG antibody positive CSF: a multicenter study  
Speaker: Kimihiko Kaneko  
(Department of Neurology, Tohoku University School of Medicine)
- O-08-4 Astrocyte injury and secondary demyelination in intracranial injection NMO model  
Speaker: Yoshiaki Takai  
(Department of Neurology, Tohoku University School of Medicine)

Room10 (Toki Messe Exhibition Hall B-2, 1F)

**Pathophysiology and Therapy of Ischemic Brain Insult**

**15:25~16:25**

- Chair: Takanari Kitazono  
(Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu University)
- O-09-1 S1PR1 expression and endothelial cell proliferation after focal ischemia in mice  
Speaker: Satoru Ishibashi  
(Department of Neurology and Neurological Science, Tokyo Medical and Dental University)
- O-09-2 S1PR1 agonist exert a neuroprotective effect via enhancing collateral growth  
Speaker: Masahiko Ichijo  
(Department of Neurology and Neurological Science, Tokyo Medical and Dental University)
- O-09-3 RANKL-RANK is a novel anti-inflammatory signaling system in ischemic brain  
Speaker: Munechisa Shimamura  
(Division of Vascular Medicine and Epigenetics, Osaka University School of Medicine/Department of Neurology, Osaka University Graduate School of Medicine)
- O-09-4 3- and 4-repeat tau is phosphorylated and cleaved by transient cerebral ischemia  
Speaker: Hiroki Fujii  
(Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences)



Room11 (Hotel Nikko Niigata Kujaku, 3F)

**Neurology of cognition and behavior 15:25~16:25**

Chair: Mika Otsuki

(Graduate School of Health Science, Hokkaido University)

O-10-1 Functional connectivity change within syntax-related networks in glioma patients

Speaker: Ryuta Kinno

(Division of Neurology, Department of Internal Medicine, Showa University Northern Yokohama Hospital/Department of Basic Science, Graduate School of Arts and Sciences, The University of Tokyo)

O-10-2 Neuropsychological evaluation after Vim-thalamotomy

Speaker: Sumito Sato

(Department of Neurosurgery, Kitasato University School of Medicine)

O-10-3 Lesions in the left precentral gyrus were associated with Buccofacial apraxia

Speaker: Ryo Itabashi

(Department of Stroke Neurology, Kohnan Hospital/Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University Graduate School of Medicine)

O-10-4 Japanese version of Melodic Intonation Therapy for chronic aphasic patients

Speaker: Masayuki Satoh

(Department of Dementia Prevention and Therapeutics, Graduate School of Medicine, Mie University)

Room12 (Hotel Nikko Niigata Toki-A, 4F)

**Hereditary myopathies 15:25~16:25**

Chair: Yoshihide Sunada

(Kawasaki Medical School Department of Neurology)

O-11-1 Exploratory Clinical trial of exon53-skip drug in Duchenne muscular dystrophy

Speaker: Tetsuya Nagata

(Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry/Department of Neurology and Neurological Science, Tokyo Medical and Dental University Graduate School of Medical and Dental Sciences)

- O-11-2 Development of exon-skipping therapy by hetero-chimera-duplex oligonucleotide  
 Speaker: Kotaro Yoshioka  
 (Department of Neurology and Neurological Science, Tokyo Medical and Dental University)
- O-11-3 Fukutin is prerequisite to ameliorate muscular dystrophy by LARGE expression  
 Speaker: Yoshihisa Ohtsuka  
 (Division of Neurology/Molecular Brain Science, Kobe University Graduate School of Medicine)
- O-11-4 The inhibitory core of the mystatin prodomain suppresses ligand-receptor binding  
 Speaker: Yutaka Ohsawa  
 (Kawasaki Medical School)

Room13 (Hotel Nikko Niigata Toki-B, 4F)

**Molecular and functional MRI 15:25~16:25**

- Chair: Hironaka Igarashi  
 (Center for Integrated Human Brain Science, Brain Research Institute, Niigata University)
- O-12-1 Abnormal neural activity in natural motion perception in DYT1 dystonia  
 Speaker: Wataru Sako  
 (Department of Clinical Neuroscience, Tokushima University Graduate School/Center for Neurosciences, The Feinstein Institute for Medical Research)
- O-12-2 Disturbed spacial working memory on patients with non-demented PD (fMRI study)  
 Speaker: Shoji Kawashima  
 (Nagoya City University)
- O-12-3 Functional network structure changes in PSP by using the resting state fMRI  
 Speaker: Katsuhiko Kadota  
 (Department of Internal Medicine III, Shimane University)
- O-12-4 Diagnostic Significance of Cortical Superficial Siderosis in Alzheimer Disease  
 Speaker: Yasuteru Inoue  
 (Department of Neurology, Graduate School of Medical Sciences, Kumamoto University)

# Neurogenetics 15:25~16:25

Chair: Ryuji Kaji

(Department of Neurology, Institute of Health Biosciences,  
Tokushima University)

O-13-1 The comprehensive study of genetics of Parkinson's disease

Speaker: Kenya Nishoka

(Department of Neurology, Juntendo University School of  
Medicine)

O-13-2 A Japanese family of hereditary geniospasm (chin trembling)

Speaker: Ryosuke Miyamoto

(Department of Neurology, Tokushima University Hospital)

O-13-3 Clinicogenetic study of beta-propeller protein-associated neurodegeneration

Speaker: Hiroyo Yoshino

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

O-13-4 New gene therapy strategy for neurodegenerative disease with migration of BMDCs

Speaker: Tomoya Terashima

(Department of Stem Cell Biology and Regenerative Medicine,  
Shiga University of Medical Science)



# **Oral Session**

**May 21 (Thu)**



## May 21 (Thu) Oral Session

### Room3(Toki Messe 201, 2F)

#### Neuropathy 2 10:10~11:10

Chair: Yasuo Terao

(Department of Neurology, University of Tokyo)

O-14-1 The variety of the disease spectrum in the antiAChR antibody positive example

Speaker: Akari Usumoto

(Kagoshima University Department of Neurology and Geriatrics)

O-14-2 Clinical pictures of recurrent Guillain-Barré syndrome and related conditions

Speaker: Kei Funakoshi

(Department of Neurology, Dokkyo Medical University)

O-14-3 A study of de novo amyloidosis in recipients of domino liver transplantation

Speaker: Masahide Yazaki

(Department of Medicine (Neurology and Rheumatology),  
Shinshu University School of Medicine/Institute for  
Biomedical Sciences, Shinshu University)

O-14-4 Abnormal gating of axonal slow potassium current in cramp-fasciculation syndrome

Speaker: Yoshimitsu Shimatani

(Department of Neurology, Tokushima University/  
Department of Neurology, Tokushima Prefectural Central  
Hospital)

### Room4(Toki Messe 301, 3F)

#### Biomarkers for and treatment of AD 10:10~11:10



Chair: Noriyuki Kimura

(Department of Neurology, Oita University, Faculty of  
Medicine)

★ O-15-1 Genome Wide Serum microRNA Identifies Serum Biomarkers for Alzheimer Disease

Speaker: Lin Tan

(Department of Neurology, Qingdao Municipal Hospital, College  
of Medicine and Pharmaceuticals, Ocean University of China,  
Shandong, China)

- O-15-2     Tau accumulation in patients with MAPT gene mutation measured by [11C]PBB3 PET  
 Speaker: Hitoshi Shinotoh  
 (Molecular Imaging Center, National Institute of Radiological Sciences/Neurology Chiba Clinic)
- O-15-3     Amyloid imaging of dementia using the radioligand 18F-AV45(Florbetapir F 18)  
 Speaker: Toshihide Shibata  
 (Division of Neurology and Gerontology, Department of Internal Medicine, Iwate Medical University)
- O-15-4     Curcumin derivative, Shiga-Y5, shows therapeutic effect in Alzheimer model mice  
 Speaker: Ikuo Tooyama  
 (Molecular Neuroscience Research Center, Shiga University of Medical Science)

Room5 (Toki Messe 302, 3F)

**Progress of epilepsy research    10:10~11:10**



Chairs: Hiroshi Shigeto

(Fukuoka Sanno Hospital Epilepsy and Sleep Center)

Byung-In Lee

(Yonsei University College of Medicine, Korea)

- O-16-1     Concordance and discordance between functional networks and epileptic networks  
 Speaker: Taira Uehara

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

- O-16-2     Functional mapping of praxis network: Electrical cortical stimulation study  
 Speaker: Akihiro Shimotake

(Department of Neurology, Kyoto University Graduate School of Medicine)

- ★ O-16-3     Clinical conundrum of medically intractable seizures - A prospective study  
 Speaker: Bhoopathy Rangappan Munirathinam

(Institute of Neurology, Madras Medical College)

- O-16-4     Characteristic p57/Kip2 Expression in Balloon Cells in Focal Cortical Dysplasia  
 Speaker: Tadashi Kimura

(Department of Pathology, Brain Research Institute, University of Niigata/Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine)



**FUS and TDP43 10:10~11:10**



Chair: Mikio Shoji

(Department of Neurology, Hirosaki University Hospital)

O-17-1 Loss of FUS affects adult neurogenesis by modulating Tau isoforms

Speaker: Shinsuke Ishigaki

(Department of Neurology, Nagoya University Graduate School of Medicine)

O-17-2 Effect of dietary conditions in Drosophila models of neurodegenerative diseases

Speaker: Mari Suzuki

(Dept of Degenerative Neurological Diseases, National Institute of Neuroscience, NCNP)

O-17-3 Loss of FUS causes a decrease in brain volume accompanied with neuronal loss

Speaker: Yusuke Fujioka

(Department of Neurology, Nagoya University Graduate School of Medicine)

O-17-4 Interaction of TDP-43 with NF- $\kappa$ B in MCI with Episodic Memory Deficits

Speaker: Yasuyuki Ohta

(Department of Neurology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University / Research Centre of Institut Universitaire en Santé Mentale de Québec, and Department of Psychiatry and Neuroscience, Laval University, Québec, QC, Canada.)

**Neuropathology of ALS 10:10~11:10**



Chair: Akiyoshi Kakita

(Brain Research Institute, University of Niigata)

O-18-1 Immunohistochemical analysis of ErbB4 in sporadic ALS patients

Speaker: Yuji Takahashi

(Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry)

O-18-2 Matrin3 is a component of neuronal cytoplasmic inclusion of motor neuron in SALS

Speaker: Mikiko Tada

(Department of Neurology and Stroke Medicine, Yokohama City University)

- O-18-3 Nuclear translocation of cytoplasmic 1C2 and TDP-43 in anterior horn of SCA2  
 Speaker: Shigeru Koyano  
 (Dept. of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine)
- O-18-4 Clinicopathologic study of autopsied familial ALS cases with optineurin mutation  
 Speaker: Takashi Ayaki  
 (Department of Neurology, Wakayama Medical University)

**Room8(Toki Messe International Conference Hall, 4F)**

**Basic and Clinical Medicine of Ischemic Stroke 10:10~11:10**

- Chair: Kazutoshi Nishiyama  
 (Department of Neurology, Kitano University School of Medicine)
- O-19-1 Multiple therapeutic effects of progranulin on experimental ischemic stroke  
 Speaker: Masato Kanazawa  
 (Department of Neurology, Brain Research Institute, Niigata University)
- O-19-2 Therapeutic time window on transplant auto-mononuclear cells into stroke mice  
 Speaker: Taira Nakayama  
 (Department of Neurology, Tokai University School of Medicine)
- O-19-3 Impact of antithrombotic therapy on intracerebral hemorrhage onset after stroke  
 Speaker: Mikiaki Matsuoka  
 (Department of Cerebrovascular Medicine and Neurology, Cerebrovascular Center and Clinical Research Institute, National Hospital Organization, Kyushu Medical Center)
- O-19-4 Gut microbiota in patients with ischemic stroke  
 Speaker: Kazuo Yamashiro  
 (Department of Neurology, Juntendo University School of Medicine)

**Multiple sclerosis : MS 10:10~11:10**

Chairs: Izumi Kawachi

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

Howard L. Weiner

(Brigham and Women's Hospital, USA)

- O-20-1 Association of CSF Levels of LOTUS with Disease Activity in Multiple Sclerosis  
Speaker: Keita Takahashi

(Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine/Molecular Medical Bioscience Laboratory, Department of Medical Life Science, Yokohama City University Graduate School of Medical Life Science)

- O-20-2 Genetic factors associated with phenotypes of multiple sclerosis in Japanese  
Speaker: Takuya Matsushita

(Department of Neurological Therapeutics, Graduate School of Medical Sciences, Kyushu University)

- O-20-3 The investigation of Sema4A as a biomarker for treatment selection for MS  
Speaker: Toru Koda

(Department of Neurology, Osaka University Graduate School of Medicine)

- O-20-4 Inverse vaccination for multiple sclerosis model by superior dominant peptide  
Speaker: Youwei Lin

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

Room10 (Toki Messe Exhibition Hall B-2, 1F)

**Clinical practice issues relevant to Parkinson's disease and related disorders 2** 10:10~11:10

Chair: Hidenao Sasaki

(Department of Neurology, Graduate School of Medicine,  
Hokkaido University)

O-21-1 Blood Pressure Fluctuation and Clinical Features in De Novo Parkinson's Disease  
Speaker: Hiromasa Matsuno

(Department of Neurology, Daisan Hospital, The Jikei  
University School of Medicine)

O-21-2 Time-dependent changes of alpha-synuclein deposition by [11C]BF-227 PET in MSA-C  
Speaker: Akio Kikuchi

(Department of Neurology, Tohoku University Graduate School  
of Medicine)

O-21-3 Timing of abnormalities on cardiac 123I-MIBG scintigram in patients with DLB  
Speaker: Makiko Seto

(Nagasaki Kita Hospital, Section of Neurology)

O-21-4 Effect of L-dopa for patients with multiple system atrophy-Parkinsonism (MSA-P)  
Speaker: Hotake Takizawa

(Department of Neurology, National Center Hospital, National  
Center of Neurology and Psychiatry)

Room11 (Hotel Nikko Niigata Kujaku, 3F)

**mechanism of Motor Neuron Disease** 10:10~11:10



Chair: Hirofumi Maruyama

(Department of Clinical Neuroscience and Therapeutics,  
Hiroshima University)

O-22-1 Silencing neuronal mutant AR suppresses neuropathogenesis in a SBMA mouse model  
Speaker: Kentaro Sahashi

(Department of Neurology, Nagoya University Graduate School  
of Medicine)

★ O-22-2 Autophagy dysregulation in amyotrophic lateral sclerosis  
Speaker: Weidong Le

(Center for Translational Research of Neurology Disease, 1st  
Affiliated Hospital, Dalian Medical University)

O-22-3 Ablation of neuronal TDP-43 causes non-cell autonomous neuronal death in mice

Speaker: Hideyuki Takeuchi

(Department of Neuroimmunology, Research Institute of  
Environmental Medicine, Nagoya University)

O-22-4 The mouse C9ORF72 ortholog is enriched in neurons known to degenerate in ALS/FTD

Speaker: Naoki Suzuki

(Department of Neurology, Tohoku University School of  
Medicine/Department of Stem Cell and Regenerative Biology,  
Harvard University)

## Room12 (Hotel Nikko Niigata Toki-A, 4F)

### PET and SPECT 10:10~11:10

Chair: Makoto Higuchi

(Molecular Imaging Center National Institute of Radiological  
Sciences)

O-23-1 Nicotine receptor and amyloid burden for frontal activation in Alzheimer disease

Speaker: Yasuomi Ouchi

(Dept. of Biofunctional Imaging, Hamamatsu University School  
of Medicine)

O-23-2 Viability of basal forebrain in AD: a longitudinal FDG-PET study

Speaker: Tomomichi Iizuka

(Fukujūji Hospital)

O-23-3 Study with DAT scan and MIBG scintigraphy for Parkinson and related disorders

Speaker: Fumihito Yoshii

(Department of Neurology Tokai University Oiso Hospital)

O-23-4 Relationship of 11C-PBB3 and clinical signs in progressive supranuclear palsy

Speaker: Hironobu Endo

(Molecular Neuroimaging Program, Molecular Imaging Center,  
National Institute of Radiological Sciences)

Room13(Hotel Nikko Niigata Toki-B, 4F)

**Therapy of Lewy body disease 10:10~11:10**



Chair: Miho Murata

(Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry)

O-24-1 A Placebo-Controlled Exploratory Study of Zonisamide for Parkinsonism in DLB

Speaker: Miho Murata

(Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry)

O-24-2 Pharmacokinetic factors and levodopa-induced dyskinesia in Parkinson disease

Speaker: Tomoko Oeda

(Clinical Research Center and Neurology, Utano National Hospital)

★ O-24-3 Effect of Lee Silverman Voice Treatment in Filipino Parkinson's Disease Patients

Speaker: Juan Miguel P. Bautista

(St. Luke's Medical Center, Philippines)

O-24-4 The effectiveness of the Parkinson's disease rehabilitation using tai chi

Speaker: Yoshiharu Arii

(Department of Neurology, Tokushima National Hospital, National Hospital Organization)

Room14(Hotel Nikko Niigata Houoh, 30F)

**Diagnosis and clinical features of neurological disorders showing cerebellar ataxia 10:10~11:10**

Chair: Yoshihisa Takiyama

(Department of Neurology, Interdisciplinary Graduate School of Medicine and Engineering, University of Yamanashi)

O-25-1 The natural history of spinocerebellar ataxia type 31:A 3-year follow-up study

Speaker: Katasuya Nakamura

(Division of Clinical and Molecular Genetics, Shinshu University School of Medicine)

O-25-2 Classification of VBM image in MSA-C

Speaker: Takeshi Taguchi

(Department of Neurology, Tokyo Medical University Hachioji Medical Center)

O-25-3 Progressive supranuclear palsy with predominant cerebellar ataxia (PSP-C)

Speaker: Takayoshi Shimohata

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

O-25-4 Monozygotic twin with novel mutations of the PLA2G6 gene

Speaker: Kishin Koh

(Department of Neurology, Interdisciplinary Graduate School of Medicine and Engineering, University of Yamanashi)





# **Oral Session**

**May 22 (Fri)**



## May 22 (Fri) Oral Session

### Room1 (Toki Messe Main Hall A, 2F)

#### Diagnosis and prognosis of ALS 10:10~11:10

Chair: Takayoshi Shimohata

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

O-26-1 Quantitative analysis of fasciculation potentials in ALS patients

Speaker: Kota Bokuda

(Department of Neurology, Tokyo Metropolitan Neurological Hospital/Department of Sensory and Motor Systems, Tokyo Metropolitan Institute of Medical Science, Tokyo Metropolitan Institute of Medical Science)

O-26-2 High voltage of median nerve SEP is a predictor of poor survival in ALS.

Speaker: Teruhiko Sekiguchi

(Department of Neurology, Tokyo Metropolitan Neurological Hospital/Department of Neurology and Neurological Science, Tokyo Medical and Dental University)

O-26-3 Age at onset influences on the progression of cerebral atrophy in ALS patients

Speaker: Kazuhiko Sugano

(Setagaya Neurological Hospital)

O-26-4 Invasive or non-invasive ventilation in ALS: predictors of survival

Speaker: Fumiharu Kimura

(Osaka Medical College)

### Room2 (Toki Messe Main Hall B, 2F)

#### Pathogenesis of multiple sclerosis 10:10~11:10



Chair: Kazuo Hujihara

(Department of Multiple Sclerosis Therapeutics, Tohoku University Graduate School of Medicine)

O-27-1 Pilot longitudinal follow-up study of Myelin Map in multiple sclerosis

Speaker: Mariko Tanikawa

(Department of Neurology, Keio University School of Medicine)

O-27-2 Latitude and HLA-DRB1 alleles affect emergence of CSF IgG abnormalities in MS

Speaker: Masaaki Niino

(Department of Clinical Research, Hokkaido Medical Center)

- O-27-3 Mechanistic insight into IL-6 signal blockade therapy for multiple sclerosis  
 Speaker: Masakazu Nakamura  
 (Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP))
- O-27-4 Facilitation of experimental autoimmune encephalomyelitis by peripheral atopy  
 Speaker: Mei Fang  
 (Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University)

Room3 (Toki Messe 201, 2F)

**Diagnosis of cerebrovascular disease 10:10~11:10**

- Chair: Toshiki Mizuno  
 (Department of Neurology, Kyoto Prefectural University of Medicine)
- O-28-1 Misery perfusion, blood pressure control, and a 5-year stroke risk  
 Speaker: Hiroshi Yamauchi  
 (Division of PET Imaging, Shiga Medical Center Research Institute)
- O-28-2 A new score for predicting ischemic stroke after transient ischemic attack  
 Speaker: Kota Mori  
 (Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center)
- O-28-3 Clinical features of multiple transient ischemic attacks: PROMISE-TIA registry  
 Speaker: Naoki Tokuda  
 (Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center)
- O-28-4 Stroke in patients who visited by ambulance exhibit impaired consciousness  
 Speaker: Tatsuya Takahashi  
 (Department of Neurology, National Hospital Organization Yokohama Medical Center)

**Cutting-edge research on the molecular basis of  
Parkinson's disease**

**10:10~11:10**

**E**

Chairs: Takafumi Hasegawa

(Division of Neurology, Department of Neuroscience & Sensory  
Organs, Tohoku University Graduate School of Medicine)

Dimitri Krainc

(Northwestern University Feinberg School of Medicine, USA)

O-29-1 Phenolic compounds prevent the oligomerization of  $\alpha$ -synuclein  
Speaker: Ryoichi Takahashi

(Department of Neurology and Neurobiology of Aging,  
Kanazawa University Graduate School of Medical Science)

O-29-2 I2020T LRRK2 iPSC-derived neurons exhibit increased Tau phosphorylation  
Speaker: Etsuro Ohta

(Department of Immunology, Kitasato University School of  
Allied Health Sciences/R & D Center for Cell Design, Institute  
for Regenerative Medicine and Cell Design, Kitasato University  
School of Allied Health Sciences)

O-29-3 Dopaminergic influences on functional neural connectivity in Parkinson's disease  
Speaker: Shunsuke Kobayashi

(Dept. Neurology, Fukushima Medical University)

O-29-4 Exome Association Study and 2nd SNP-GWAS of Parkinson's disease  
Speaker: Wataru Satake

(Division of Neurology, Kobe University Graduate School of  
Medicine)

**Anticoagulation Treatment for Cerebral Infarction**

**10:10~11:10**

Chair: Kazunori Toyoda

(Department of Cerebrovascular Medicine, National Cerebral  
and Cardiovascular Center)

O-30-1 Vascular and bleeding events in patients with atrial fibrillation: EXPAND Study  
Speaker: Shinichiro Uchiyama

(Center for Brain and Cerebral Vessels, Sanno Hospital and  
Sanno Medical Center/Clinical Research Center for Medicine,  
International University of Health and Welfare)

- O-30-2 Risk-benefits of warfarin in haemodialysis patients for prevention of stroke  
Speaker: Saori Morozumi  
(Department of Neurology, Nagoya Daini Red Cross Hospital)
- O-30-3 Usefulness of hemostatic markers for monitoring in patients taking NOACs  
Speaker: Takehiko Nagao  
(Department of Neurology, Tokyo Women's Medical University)
- O-30-4 Efficacy and safety of NOACs with acute ischemic stroke and atrial fibrillation  
Speaker: Yasuyuki Ito  
(Department of Neurology, Kumamoto City Hospital)

**Room6 (Toki Messe 303+304, 3F)**

**Clinical Neurophysiology 10:10~11:10**

Chair: Yoshikazu Ugawa

(Department of Neurology, Fukushima Medical University Hospital)

- O-31-1 Increased motor axonal excitability in amyotrophic lateral sclerosis  
Speaker: Yuta Iwai  
(Chiba University Department of Neurology)
- O-31-2 EEG phase synchrony of sensorimotor area reflects limb functions after stroke  
Speaker: Teiji Kawano  
(Neurorehabilitation Research Institute, Morinomiya Hospital)
- O-31-3 The roles of pre-SMA and SMA on human visuomotor sequence learning: A TMS study  
Speaker: Takahiro Shimizu  
(Department of Neurology, The University of Tokyo Hospital)
- O-31-4 Cardiac autonomic function in the youth and functional cerebral diseases  
Speaker: Koichi Honma  
(Department of Neurology, Chiba Cerebral Cardiovascular Center)

**Endovascular treatment of cerebrovascular disease**

**10:10~11:10**

Chair: Tatsuro Takada

(Department of Strokology, Stroke Center, St. Marianna  
University Toyoko Hospital)

O-32-1 Factors associated with poor outcomes after endovascular revascularization

Speaker: Kazutaka Sonoda

(Kokura Memorial Hospital Stroke Center)

O-32-2 Predictors of good outcomes after endovascular therapy for acute ischemic stroke

Speaker: Junsuke Shimbo

(Department of Neurology, Niigata City General Hospital/  
Cardiovascular and Stroke Center, Niigata City General  
Hospital)

O-32-3 Experimental Evaluation of Mechanical Thrombectomy Using Stent Retriever

Speaker: Tomoyuki Kono

(Department of Neurology, Kobe City Medical Center General  
Hospital)

O-32-4 Hyperperfusion syndrome after CAS: Utility of blood sampling OEF and SPECT

Speaker: Tomonori Iwata

(Shonan Kamakura General Hospital Stroke Center,  
Department of Stroke Treatment)

**Room8 (Toki Messe International Conference Hall, 4F)**

**Parkinsonism: pathophysiology 10:10~11:10**



Chair: Shigeki Hirano

(Department of Neurology, Chiba University, Graduate School  
of Medicine)

O-33-1 Cerebral microbleeds in patients with Parkinson's disease

Speaker: Yasunobu Hoshino

(Department of Neurology, Juntendo University School of  
Medicine)

O-33-2 D3-R in Parkinson disease with impulse control disorders: a [11C]-PHNO PET study

Speaker: Yoshiaki Furukawa

(Juntendo Tokyo Koto Geriatric Medical Center)

- O-33-3 Atrophy of hippocampus of Parkinson's disease correlates with falling  
Speaker: Shuro Kogawa  
(Department of Internal Medicine, Kohka Public Hospital)
- O-33-4 Genetic and neuropathological analyses of a pedigree with familial psp  
Speaker: Ichiro Yabe  
(Department of Neurology, Hokkaido University Graduate School of Medicine)

Room9(Toki Messe Exhibition Hall B-1, 1F)

**Inflammatory myopathies 10:10~11:10**

- Chair: Yukiko Hayashi  
(Department of Pathophysiology)
- O-34-1 Statins and myotoxic effects associated with anti-HMCCR autoantibodies  
Speaker: Yurika Watanabe  
(Department of Neurology, Keio University School of Medicine)
- O-34-2 Distribution of weakness in inclusion body myositis  
Speaker: Junpei Yamamoto  
(Department of Neurology, Teikyo University School of Medicine)
- O-34-3 Muscle biopsy findings predictive of cancer in rare infiltrative dermatomyositis  
Speaker: Makoto Uchino  
(Department of Neurology, Jonan Hospital)
- O-34-4 Establishment of a new human muscle microvascular endothelial cell line  
Speaker: Yasuteru Sano  
(Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine)

Room10(Toki Messe Exhibition Hall B-2, 1F)

**Evaluation of Stroke Risk 10:10~11:10**



- Chair: Kohtaro Tanaka  
(Department of Neurology, Toyama University)
- O-35-1 Risk scores on severity and outcomes in acute stroke with atrial fibrillation  
Speaker: Koji Tanaka  
(Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University)



- O-35-2 Evaluation of ischemic stroke risk based on the aortic plaque characteristics  
Speaker: Atsushi Mizuma  
(Departments of Neurology, Tokai University School of Medicine)
- O-35-3 Clinical Features and Risk Factors of Primary IVH in Filipino Patients  
Speaker: Ria Monica S. Asuncion  
(University of Santo Tomas Hospital)
- O-35-4 Influence of glycemic control on stroke recurrence in transient ischemic attack  
Speaker: Kei Yamanaka  
(Department of Cerebrovascular Medicine and Neurology, Cerebrovascular Center and Clinical Research Institute, National Hospital Organization, Kyushu Medical Center)

Room11 (Hotel Nikko Niigata Kujaku, 3F)

**Current Advances in Neurological infections**



10:10~11:10

Chairs: Tatsufumi Nakamura

(Department of Social Work, Faculty of Human and Social Studies)

Abhijit Chaudhuri

(NHS England, UK)

O-36-1 Toward the First in Human Clinical Trial of Medical Chaperone for Prion Diseases

Speaker: Kazuo Kuwata

(United Graduate School of Drug Discovery and Medical Information Sciences, Gifu University)

O-36-2 Analysis of biomarkers and RT-QUIC method of CSF in prion disease' patients

Speaker: Katsuya Satoh

(Department of Molecular Microbiology and Immunology, Nagasaki University Graduate School of Biomedical Sciences)

O-36-3 Jolt accentuation of headache in patients with suspected meningitis

Speaker: Yoshiharu Nakae

(Department of Neurology, Yokohama City University School of Medicine)

O-36-4 A mathematical study in the management of hydrocephalus from TB Meningitis

Speaker: Juliette Batara

(University of the Philippines- Philippine General Hospital)

Room12(Hotel Nikko Niigata Toki-A, 4F)

**Biomarkers and Treatment of non-AD 10:10~11:10**

Chair: Kenji Wada

(Division of Neurology, Tottori University)

O-37-1 Basal ganglia cerebral microbleeds and cognitive function: Kashima Scan Study

Speaker: Yusuke Yakushiji

(Division of Neurology, Department of Internal Medicine, Saga University Faculty of Medicine)

O-37-2 Analysis of Skin Biopsy Samples from patients with NIID

Speaker: Hisatomo Kowa

(Division of Neurology, Kobe University Graduate School of Medicine)

O-37-3 The clinical usefulness of urine cytology in antemortem diagnosis of NIHD

Speaker: Yutaka Inoue

(Kyoto University Hospital)

O-37-4 Value of combine DAT-SPECT and MIBG for distinguish DLB from AD

Speaker: Soichiro Shimizu

(Tokyo Medical University Department of Geriatric Medicine)

Room13(Hotel Nikko Niigata Toki-B, 4F)

**Pathogenesis of intractable neuropathy 10:10~11:10**



Chair: Yoshiaki Sekijima

(Department of Medicine (Neurology & Rheumatology) Shinshu University School of Medicine)

O-38-1 The importance of clinical features in numb chin/cheek syndrome

Speaker: Hajime Yano

(Kameda Medical Center, Department of Neurology)

O-38-2 The Axonal Property in Prediabetes Patients

Speaker: Yi-chen Lin

(Department of Neurology, Wan Fang Hospital, Taipei Medical University)

O-38-3 Elucidation of the cervical sudomotor pathway based on hemifacial dyshidrosis

Speaker: Yoko Inukai

(Department of Physiology, Aichi Medical University School of Medicine)

- O-38-4 Modeling Charcot-Marie-Tooth disease using patient iPSCs  
Speaker: Ryo Ohara  
(Center for iPS Cells for Research and Application (CiRA),  
Kyoto University/Department of Neurology, Kyoto  
Prefectural University of Medicine)

Room14 (Hotel Nikko Niigata Houoh, 30F)

**Headache. Sleep related diseases 10:10~11:10**

Chair: yasuhisa kitagawa  
(Department of Neurology, Tokai University Hachioji Hospital)

- O-39-1 Microglial activation by multiple inductions of cortical spreading depression  
Speaker: Tsubasa Takizawa  
(Department of Neurology, Keio University School of Medicine)

- O-39-2 A study of SPECT findings of 10 cases of RCVS  
Speaker: Aya Ogura  
(Department of Neurology, TOYOTA Memorial Hospital)

- O-39-3 Dopamine transporter density of the basal ganglia assessed with DATscan in RBD  
Speaker: Tomoyuki Miyamoto  
(Department of Neurology, Dokkyo Medical University  
Koshigaya Hospital)

- O-39-4 Migraine chronification and iron deposition in the deep brain nuclei  
Speaker: Shoji Kikui  
(Department of Neurology, Tominaga Hospital)



# **Oral Session**

**May 23 (Sat)**



## May 23 (Sat) Oral Session

### Room1 (Toki Messe Main Hall A, 2F)

#### Biomarkers in immune-mediated neurological diseases

10:10~11:10

Chair: Kyoichi Nomura

(Dept. of Neurology, Saitama Medical Center)

O-40-1 Immunoprecipitation assay of anti-synapsin 1a antibody

Speaker: Atsuro Chiba

(Department of Neurology, Faculty of Medicine, Kyorin University)

O-40-2 Clinical features of Hashimoto's encephalopathy in limbic encephalitis

Speaker: Toru Kishitani

(Department of Neurology, Faculty of Medical Sciences, University of Fukui)

O-40-3 Clinical features of anti-NMDAR encephalitis with different antibody epitopes

Speaker: Keiko Tanaka

(Department of Life Science, Medical Research Institute, Kanazawa University / Department of Neurology, Kanazawa University)

O-40-4 Anti-Abeta 40 antibodies in patients with CAA-related inflammation and elderly

Speaker: Akio Kimura

(Departments of Neurology and Geriatrics, Gifu University Graduate School of Medicine)

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### Room2 (Toki Messe Main Hall B, 2F)

#### Dementia, Clinical section 10:10~11:10

Chair: Haruo Hanyu

(Dept. Geriatric Medicine, Tokyo Medical University)

O-41-1 Lower urinary tract function in dementia with Lewy bodies (DLB)

Speaker: Fuyuki Tateno

(Toho University Sakura Medical Center)

O-41-2 Analysis of memory function and peripheral insulin metabolism in Alzheimer mice

Speaker: Yuki Yanagihara

(Kyushu University Graduate School of Medicine Department of Neurology)

O-41-3 Analysis of cognitive function and peripheral insulin metabolism in non-DM AD

Speaker: Yasumasa Ohyagi

(Department of Neurology, Kyushu University/Clinical  
Research Center, NHO Omuta Hospital)

O-41-4 Suitability of the MoCA vs the MMSE in detecting poststroke cognitive impairment

Speaker: Yukako Takahashi

(Department of Stroke and Cerebrovascular Diseases, National  
Cerebral and Cardiovascular Center Hospital/Department of  
Neurology, Kyoto University Graduate School of Medicine)

### Room3 (Toki Messe 201, 2F)

#### Pathogenesis of intractable neuropathy 10:10~11:10

Chair: YUKIO Ando

(Department of Neurology, Graduate School of Medical  
Sciences, Kumamoto University)

O-42-1 The reactivity of anti-GM1 antibody to GM1 dimer; its clinical relevance

Speaker: Keiichi Nakagawa

(Department of Neurology and Anti-aging Medicine, National  
Defense Medical College)

O-42-2 Distribution of adhesion molecule around node of Ranvier in anti-MAG neuropathy

Speaker: Yuichi Kawagashira

(Department of Neurology, Nagoya University Graduate School  
of Medicine)

O-42-3 Sera from CIDP patients disrupt blood-nerve barrier via activation of rho-kinase

Speaker: Toshihiko Maeda

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

O-42-4 Analysis of T helper cell chemokine receptor expression of CIDP

Speaker: Ryotaro Ikeguchi

(Department of Immunology, National Institute of  
Neuroscience, National Center of Neurology and Psychiatry/  
Department of Neurology, Tokyo Women's Medical University  
School of Medicine)



Room4(Toki Messe 301, 3F)

**Non-motor symptoms and biomarkers in patients with parkinsonism** 10:10~11:10

**E**

Chair: Satoshi Orimo  
(Kanto Central Hospital)

- O-43-1 CSF derived exosomal microRNA profile in patients with Parkinson's disease  
Speaker: Takafumi Hasegawa  
(Division of Neurology, Department of Neuroscience & Sensory Organs, Tohoku University Graduate School of Medicine)
- O-43-2 Cerebrospinal fluid cytokine levels in multiple system atrophy patients  
Speaker: Ryo Yamasaki  
(Department of Neurological Therapeutics, Neurological Institute, Graduate School of Medical Sciences, Kyushu University)
- O-43-3 Hyposmia might be linked to inferior temporal thickness in Parkinson's disease  
Speaker: Taku Hatano  
(Department of Neurology, Juntendo University School of Medicine)
- O-43-4 Patterns of cognitive decline in Parkinson's disease  
Speaker: Toru Baba  
(Department of Behavioral Neurology & Cognitive Neuroscience, Tohoku University Graduate School of Medicine)

Room5(Toki Messe 302, 3F)

**Pathophysiology of Cerebral Infarction** 10:10~11:10

**E**

Chair: Kazuo Kitagawa  
(Department of Neurology, Tokyo Women's Medical University School of Medicine)

- O-44-1 Long-term follow-up of microbleeds in patients with acute cerebral infarction  
Speaker: Keizo Yasui  
(Dept. of Neurol., Japanese Red Cross Nagoya Daini Hosp.)
- O-44-2 Robotic-Assisted Training with Functional Task in Subacute Stroke Patients  
Speaker: Ching-yi Wu  
(Chang Gung University, Taiwan.)

O-44-3 CYP2C19 polymorphisms and adjunctive cilostazol in patients taking clopidogrel

Speaker: Hajime Maruyama

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

O-44-4 Chronic Metformin Preconditioning Provides Neuroprotection in Ischemia Rats

Speaker: Xi-chen Zhu

(Department of Neurology, Qingdao Municipal Hospital, Nanjing  
Medical University, China)

## Room8 (Toki Messe International Conference Hall, 4F)

### Analysis of gene and pathogenesis of ALS 10:10~11:10

Chair: Fumiaki Tanaka

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

O-45-1 Copy number variation in amyotrophic lateral sclerosis

Speaker: Masaki Tanaka

(Department of Neurology, The University of Tokyo)

O-45-2 Genotype-phenotype correlation with FUS/TLS-linked familial ALS cases in Japan

Speaker: Tetsuya Akiyama

(Department of Neurology, Tohoku University School of  
Medicine)

O-45-3 Involvement of caudate nucleus head connectivities in ALS

Speaker: Hirohisa Watanabe

(Brain and Mind Research Center, Nagoya University/  
Department of Neurology, Nagoya University Graduate School  
of Medicine)

O-45-4 Ultra-high doses of methylcobalamin attenuate wobbler mouse motor neuron disease

Speaker: Ken Ikeda

(Department of Neurology, Toho University Omori Medical  
Center)

## Room9(Toki Messe Exhibition Hall B-1, 1F)

### Parkinsonism: clinical features 10:10~11:10

Chair: Kazushi Takahashi

(Department of Neurology, Saitama Medical University)

O-46-1 Longitudinal study of mild parkinsonian signs in elderly people

Speaker: Kenji Wada

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

O-46-2 The effects of double task to the finger tapping of Parkinson's disease

Speaker: Akifumi Miyake

(Faculty of Medicine, Saitama Medical University, Neurology  
Department)

O-46-3 Relation between stooped posture and executive dysfunction in PD

Speaker: Satoko Ninomiya

(Division of Neurology, Department of Medicine, Nihon  
University School of Medicine)

O-46-4 Clinical characteristics of dopamine agonist withdrawal syndrome

Speaker: Hideto Miwa

(Juntendo University Nerima Hospital, Department of  
Neurology)

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## Room10(Toki Messe Exhibition Hall B-2, 1F)

### Neurorehabilitation (stroke/neuromuscular) 10:10~11:10

Chair: Ichiro Miyai

(Neurorehabilitation Research Institute, Morinomiya Hospital)

O-47-1 Therapeutic effects of rTMS on upper limb hemiparesis in post-stroke patients

Speaker: Satoshi Katai

(Department of Neurology, Keio University Hospital, Keio-  
Misayama Rehabilitation Center)

O-47-2 Dual electrical stimulation improved upper limb paresis of patients with stroke

Speaker: Jun-ichi Inobe

(Inobe Hospital Rehabilitation Center)

O-47-3 A survey of difficulties in taking medicine

Speaker: Sonoko Nozaki

(Hyogo University of Health Science, School of Rehabilitation)

- O-47-4 Relaxation effects by intercostal muscle stretch in patients with ALS  
 Speaker: Kosuke Kitano  
 (Department of Rehabilitation, Murakami Karindoh Hospital)

### Room11 (Hotel Nikko Niigata Kujaku, 3F)

#### Imaging diagnosis of cerebrovascular disease 10:10~11:10

Chair: Yasuyuki Iguchi  
 (Department of Neurology, Jikei University School of Medicine)

- O-48-1 The usefulness of MR cisternography for the intracranial artery dissection  
 Speaker: Hidenori Sanayama  
 (Department of Neurology, Jichi Medical School, Saitama Medical Center)

- O-48-2 Cerebral artery dissection as a cause of convexity subarachnoid hemorrhage  
 Speaker: Kazuki Fukuma  
 (Divisions of Neurology, Department of Stroke and Cerebrovascular Diseases, National Cerebral and Cardiovascular Center)

- O-48-3 Rapid quantitative assessment of acute ischemic stroke volume using PMA  
 Speaker: Sohei Yoshimura  
 (Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center)

- O-48-4 MRI findings in Fabry disease  
 Speaker: Yoshiaki Yagita  
 (Department of Stroke Medicine, Kawasaki Medical School / Department of Neurology, Osaka University Graduate School of Medicine)

### Room12 (Hotel Nikko Niigata Toki-A, 4F)

#### Neuroscience 10:10~11:10



Chair: Yoshitaka Nagai  
 (Department of Degeneration Neurological Diseases, National Center of Neurology and Psychiatry)

- O-49-1 Pericytogenesis in spinal cord microvasculature of a rat model of ALS  
 Speaker: Warita Hitoshi  
 (Department of Neurology, Tohoku University Graduate School of Medicine)

- O-49-2 Optogenetic activation of astrocyte-blood flow signaling in anesthetized mouse  
Speaker: Yutaka Tomita  
(Department of Neurology, School of Medicine Keio University  
/Tomita Hospital)
- O-49-3 Small fish as a model of human neurophysiology and neurological disorders  
Speaker: Hideaki Matsui  
(Department of Neuroscience, Faculty of Medicine, University  
of Miyazaki)
- O-49-4 The novel mutations of the CLCN-1 and SCN4A in non-dystrophic myotonia  
Speaker: Jing Hu  
(The Third Hospital of Hebei Medical University)

Room13(Hotel Nikko Niigata Toki-B, 4F)

**Miscellaneous inflammatory diseases 10:10~11:10**

Chair: Makoto Matsui  
(Department of Neurology, Kanazawa Medical University)

- O-50-1 Rare variant association analysis in HAM/TSP  
Speaker: Satoshi Nozuma  
(Department of Neurology and Geriatrics, Kagoshima  
University Graduate School of Medical and Dental Sciences)
- O-50-2 Complex immunotherapy for Sjögren's syndrome with extensive autonomic disorder  
Speaker: Akihiro Mukaino  
(Department of Clinical Neuroscience and Neurology, Graduate  
School of Biomedical Sciences, Nagasaki University)
- O-50-3 Long-term outcome of chronic progressive neuro-Behcet's disease  
Speaker: Shunsei Hirohata  
(Department of Rheumatology and Infectious Diseases, Kitasato  
University School of Medicine)
- O-50-4 Evaluation of clinical features and prevention in hypertrophic pachymeningitis  
Speaker: Satoko Kina  
(Tokyo Medical and Dental University Department of  
neurology and Neurological Science/National Hospital  
Organization Disaster Medical Center Department of  
Neurology)

**miscellaneous 2 10:10~11:10**



Chair: Takashi Inuzuka

(Department of Neurology & Geriatrics, Gifu University,  
Graduate School of Medicine)

O-51-1 Transcription factor 4 variants in schizophrenia: Investigation of age at onset

Speaker: Tze Jen Chow

(Universiti Tunku Abdul Rahman)

O-51-2 Longterm effects of botulinum toxin type A on hemifacial spasm

Speaker: Mikio Osawa

(Botulinum Toxin Therapy Center for Neurology, Tokyo Clinic)

O-51-3 Predictive risk factors for neurologic sequelae after carbon monoxide poisoning

Speaker: Hiroshi Kuroda

(Department of Neurology, Tohoku University Graduate School  
of Medicine)

O-51-4 Mitochondrial Polyubiquitin phosphorylated by PINK1 Promotes Parkin relocation

Speaker: Kahori Fukushima

(Dept. of Neurology Juntendo University Graduate School of  
Medicine)