

**Pj-078 Japanese Poster Session****Jp**

May 25 (Fri) 16:00 ~ 17:12

Poster Session (Royton Sapporo [Royton Hall] 3F)

**Cognitive dysfunction (Aphasia and apraxia)**

Chair : Kenichi Meguro

Geriatric Behavioral Neurology, Tohoku University CYRIC

**Pj-078-1** The lesion study of bilateral and unilateral progressive apraxia

Yoko Sunami

Department of Neurology, Tokyo Metropolitan Neurological Hospital

**Pj-078-2** Clinical and radiological features in 9 cases of Primary Progressive Aphasia

Itsumi Arakawa

Tosei General Hospital, Department of Neurology

**Pj-078-3** Clinical Experience of aphasia and pure apraxia of speech

Junko Ikeyama

Sagamihara National Hospital Department of Rehabilitation

**Pj-078-4** Language dysfunction caused by anterior and posterior cerebral artery lesion

Yasuhiro Suzuki

Shizuoka Saiseikai general hospital

**Pj-078-5** Texture perception by visual or touch are affected by aging

Chifumi Iseki

Division of Neurology and Clinical Neuroscience, Department of Internal Medicine 3rd, Yamagata University School of Medicine

**Pe-037 English Poster Session****En**

May 25 (Fri) 16:00 ~ 17:12

Poster Session (Royton Sapporo [Royton Hall] 3F)

**Cerebrovascular disease (Imaging)**

Chair : Yasuyuki Iguchi

Department of Neurology, the Jikei University School of Medicine

Commentator : Masato Kanazawa

Niigata University, Brain Research Institute

**Pe-037-1** Apparent diffusion coefficient is a predictor of posterior reversible encephalopathy syndrome

Itaru Ninomiya

Departments of Neurology, Brain Research Institute, Niigata University

**Pe-037-2** Potential embolic sources in patients with white matter medullary artery infarction

**Yasumasa Yamamoto**

Department of Neurology, Kyoto Katsura Hospital

**Pe-037-3** Assessment of central nervous system vasculitis with intracranial vessel wall imaging

**Shoki Sato**

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

**Pe-037-4** ADC ratios of ASPECTS regions can predict ischemic core in rt-PA or/and endovascular therapy

**Yuta Maetani**

Department of Neurology, Suseikai Kajikawa Hospital, Hiroshima, Japan

**Pe-037-5** Characteristics of cerebral microbleeds in patients with hereditary cerebral small vessel disease

**Masahiro Uemura**

Department of Neurology, Brain Research Institute, Niigata University

**Pe-037-6** Topographic and Clinical Characteristics of Acute thalamic infarct:A Sub-group Study of SMART

**Ming Yao**

Department of Neurology, Peking Union Medical College Hospital, China / Peking Union Medical College, China / Chinese Academy of Medical Science, China

**Pe-038 English Poster Session**

**En**

May 25 (Fri) 16:00 ~ 17:12

Poster Session (Royton Sapporo [Royton Hall] 3F)

**Dementia (Biomarker)**

Chair : **Takeshi Matsuoka**

Department of Neurology, Date Red Cross Hospital

Commentator : **Toru Kawanami**

Department of Neurology, NHO Yamagata National Hospital

**Pe-038-1** What does the MMSE tell us in clinical use?

**Ryoko Ihara**

University of Tokyo Hospital, Unit for Early and Exploratory Development

**Pe-038-2** Which sub-question of MMSE is most relevant to future conversion to AD in MCI population?

**Kazushi Suzuki**

The Unit for Early and Exploratory Clinical Development, the University of Tokyo Hospital

**Pe-038-3** The effect of white matter abnormalities volumes on brain function in amnesic MCI

**Kentaro Hirao**

Department of Geriatric medicine, Tokyo Medical University Hospital, Tokyo, Japan

**Pe-038-4** Cognitive reserve modulates working memory processes in amnesic mild cognitive impairment

Lihua Gu  
Southeast University, China

**Pe-038-5** Improvement of cognitive function in VCI after treatment with the acetylcholine precursor

Youngsoon Yang  
Korea Veterans Health Service Medical Center, Seoul, Korea

**Pe-038-6** Descriptive analysis on Creutzfeldt-Jakob disease in the past 10 years at Siriraj Hospital

Kanokkawinwong Nutthapong  
Mahidol university, Thailand / Siriraj Hospital, Thailand

**Pe-038-7** Dorsal hippocampal changes in T2 are associated with early spatial cognitive deficits in 5XFAD mice

Xiang Tang  
Department of Neurology, The First Affiliated Hospital of Soochow University,; China /  
Department of Neurology, Affiliated ZhongDa Hospital, School of Medicine, Southeast University,; China

### Pe-039 English Poster Session

En

May 25 (Fri) 16 : 00 ~ 17 : 12

Poster Session (Royton Sapporo [Royton Hall] 3F)

### Parkinsonism and Related disorders (DBS)

Chair : Ken Ikeda  
Department of Neurology, Toho University Omori Medical Center

Commentator : Fumio Kanda  
Kusunoki Neurology Clinic

**Pe-039-1** Zonisamide co-treatment maintains striatal dopamine transporter in patients with Parkinson's disease

Ken Ikeda  
Department of Neurology, Toho University Omori Medical Center

**Pe-039-2** Long-term effect of deep brain stimulation for Parkinson disease patient with PLA2G6 gene mutation

Kaori Kusama  
Department of Neurology, Yokohama City University Medical Center

**Pe-039-3** Long-term outcome of STN-DBS with directional leads for Parkinson disease treatment

Katsuo Kimura  
Department of Neurology, Yokohama City University Medical Center

**Pe-039-4** Investigation of findings of FDG-PET before and after DBS in 15 patients with Parkinson's disease

Chika Sato  
Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University

Pe-039-5 The efficacy of Istradefylline in patients with Parkinson's disease after DBS surgery

Taro Kadowaki

Dokkyo Medical University Department of Neurology

Pe-039-6 Magnetic Resonance Imaging after Deep Brain Stimulation in X-linked Dystonia-Parkinsonism Patients

Ranhel C. De Roxas

Philippine General Hospital, Philippines

Pe-040 English Poster Session

En

May 25 (Fri) 16 : 00 ~ 17 : 12

Poster Session (Royton Sapporo [Royton Hall] 3F)

Dementia (Biomarker3)

Chair : Akira Tamaoka

Department of Neurology, Faculty of Medicine, University of Tsukuba

Commentator : Masaru Matsui

Department of Neurology, Otsu Red Cross Hospital

Pe-040-1 Impaired top-down visual attention in Alzheimer's disease detected by visual scanning tasks

Shin-ichi Tokushige

Department of Neurology, Graduate School of Medicine, the University of Tokyo

Pe-040-2 Temporal changes of CDI4 expression in APdE9 mice

Mai Fujikura

Department of Neurology, School of Medicine, Sapporo Medical University

Pe-040-3 Linear polyubiquitination occurs later than K48-linked polyubiquitination in Alzheimer's disease

Yoshiaki Nakayama

Wakayama Medical University, Department of Neurology

Pe-040-4 Microglial activation in the pathogenesis of tauopathy rTg4510 mice

Ai Ishikawa

National Institutes for Quantum and Radiological Science and Technology, Chiba, Japan /

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

Pe-040-5 The evaluation of mitochondrial Abeta accumulation and oxidative stress in APdE9 mice

Tatsuo Manabe

Sapporo medical university neurology

Pe-040-6 Magnetic resonance imaging relaxation time in Alzheimer's disease

Feng Cai

Department of Neurology, The First Affiliated Hospital of Soochow University, China

Pe-040-7 toluene chronic inhalation on the structure of the hippocampus and learning in different age rats

Nino N. Pochkhidze

Ilia State University, Georgia / I. Beritashvili center of Experimental Biomedicine, Georgia

**Parkinsonism and Related disorders (PSP and dystonia)**

Chair : Masaaki Hirayama

Department of Pathophysiological Laboratory Sciences, Nagoya University  
Graduate School of Medicine, Nagoya, Japan

Commentator : Hitoshi Yamada

Yokohama Neurology Clinic

**Pe-041-1 Triple Neurotransmitter Replacement Therapy can improve symptoms in PSP patients**

Kyoko Hamada

Shin-Sapporo Neurosurgery Hospital

**Pe-041-2 Clinicopathological features of PSP manifesting cerebral cortical symptoms**

Akari Takeshima

Department of Pathology, Brain Research Institute, University of Niigata, Niigata / Department of Neurology, Brain Research Institute, University of Niigata, Niigata

**Pe-041-3 Clinical features of PSP-P: differentiation from PD**

Hitoshi Yamada

Yokohama Neurology Clinic

**Pe-041-4 Cohort profile of the Japan Dystonia Consortium: Molecular Epidemiology of Dystonia in Japan**

Toshitaka Kawarai

Department of Clinical Neuroscience, Institute of Biomedical Sciences, Tokushima University Graduate School

**★ Pe-041-5 Association analysis of SNPs near the DYT3 locus to dystonic symptoms in XDP (APe-01-1)**

Gerard Raimon M. Saranza

Department of Neurosciences, Philippine General Hospital, Philippines

**Dementia (Basic research2)**

Chair : Takashi Inuzuka

Gifu municipal hospital, Center of neurocognitive disorders

Commentator : Hirohide Asai

Department of Neurology, Yasuda Clinic

**Pe-042-1 The reason why Alzheimer's disease is "diabetes in the brain"**

Shozo Kito

Shonan Hospital

- Pe-042-2** Progressive accumulation of Abeta in the brainstem is not topographically parallel to that of tau  
**Miho Uematsu**  
 Laboratory of Structural Neuropathology, Tokyo Metropolitan Institute of Medical Science / Department of Neurology, Kyoto University Graduate School of Medicine / Division of Systems Immunology, the Institute of Medical Science (IMSUT)
- Pe-042-3** To establish all Japan brain bank and bio- bank system  
**Shigeo Murayama**  
 Department of Neurology and Neuropathology, Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology
- Pe-042-4** Homocysteine increases tau phosphorylation, truncation and oligomerization  
**Norimichi Shirafuji**  
 Department of Neurology, Faculty of Medical Science, University of Fukui Hospital / Department of Aging and Dementia, University of Fukui
- Pe-042-5** Classifying Alzheimer's disease patients with neuropsychological tests and cerebral blood flow image  
**Hong Tai**  
 Department of Neurology, Graduate School of Medicine, Chiba University
- Pe-042-6** Neuroprotective role of 17beta estradiol against amyloid beta neurotoxicity in aging female rats  
**Pardeep Kumar**  
 Jawaharlal Nehru University, New Delhi, India
- Pe-042-7** withdrawn

**Pe-043 English Poster Session**

**En**

May 25 (Fri) 16:00 ~ 17:12

Poster Session (Royton Sapporo [Royton Hall] 3F)

**Motor Neuron Disease (Clinical research)**

Chair : Hitoshi Warita

Department of Neurology, Tohoku University Hospital

Commentator : Maya Mimuro

Institute for medical science of aging, Aichi Medical University

- Pe-043-1** A Clinical Manual of ALS and Parkinsonism-dementia complex (PDC) of the Kii peninsula of Japan  
**Yasumasa Kokubo**  
 Kii ALS/PDC Research Center, Mie University, Graduate School of Regional Innovation Studies
- Pe-043-2** An education program on communication-support for people with ALS - making a pre-&post-test -  
**Yugo Narita**  
 Department of Neurology, Mie University Hospital / department of fundamental nursing, school of nursing, faculty of medicine, Mie university

**Pe-043-3** Long-term edaravone treatment prevents the disease progression of ALS patients

**Takashi Kurashige**

Department of Neurology, NHO Kure Medical Center

**Pe-043-4** Three subtypes in Kii ALS/PDC of the H focus : clinicopathological differences of each subtype

**Maya Mimuro**

Department of Neuropathology, Institute for Medical Science of Aging, Aichi Medical University

**Pe-043-5** Clinicopathological correlations of ALS by motor neuron degeneration predominancy

**Takuya Ohkubo**

Department of Neurosciences, School of Medicine, University of California, San Diego, La Jolla, USA / Department of Neurology and Neurological Sciences, Graduate School of Medicine, Tokyo Medical and Dental University, Tokyo, Japan

**Pe-043-6** Cerebrospinal fluid uric acid levels in patients with ALS

**Hongfei Tai**

Department of Neurology, Peking Union Medical College Hospital, China

**Pe-044 English Poster Session**

**En**

May 25 (Fri) 16:00 ~ 17:12

Poster Session (Royton Sapporo [Royton Hall] 3F)

**Neuroimmunology (Clinical research1)**

Chair : Takahiro Iizuka

Department of Neurology, Kitasato University School of Medicine

Commentator : Keiko Tanaka

Department of Cellular Neurobiology, Brain Research Institute, Niigata University

**Pe-044-1** Autoimmune neurological disorders with antibodies against neuronal cell surface antigens: 54 cases

**Takahiro Iizuka**

Department of Neurology, Kitasato University School of Medicine

**Pe-044-2** Differential expression of antibodies to NMDA receptor in anti-NMDA receptor encephalitis and NPSLE

**Shunsei Hirohata**

Department of Rheumatology and Infectious Diseases, Kitasato University School of Medicine / Department of Rheumatology, Nobuhara Hospital

**Pe-044-3** Tendency of NMDAR encephalitis of the removal teratoma patients from a single institution

**Hiroaki Yaguchi**

Department of Neurology, Brain Science Center, Sapporo City General Hospital, Sapporo, Japan

Pe-044-4 Cerebrospinal fluid level of LOTUS correlates inversely with the extent of neuroinflammation

Keita Takahashi

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

Pe-044-5 Benefit of immunotherapy for neurological manifestations in hypermobile Ehlers-Danlos syndrome

Manabu Araki

Multiple Sclerosis Center, National Center of Neurology and Psychiatry / Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry

Pe-044-6 Voltage-Gated Potassium Channel (VGKC)-Complex Autoimmune Encephalitis: A Case Report

Ferron F. Ocampo

Institute for Neurosciences, St. Luke's Medical Center Quezon City, Philippines

Pe-044-7 Withdrawn

Pe-045 English Poster Session

En

May 25 (Fri) 16:00 ~ 17:12

Poster Session (Royton Sapporo [Royton Hall] 3F)

Parkinsonism and Related disorders (Biomarkers2)

Chair : Yasushi Shimo

Department of Neurology

Commentator : Hiroo Yamaguchi

Division of Neurology and Neuro-Rehabilitation, Fukuoka Seisyukai Hospital

Pe-045-1 The effect of istradefylline on postural abnormalities in patients with Parkinson's disease

Keisuke Suzuki

Department of Neurology, Dokkyo Medical University

Pe-045-2 Metabolome analysis over three consecutive analyses for parkinson's disease

Ayami Okuzumi

Department of Neurology, Juntendo University School of Medicine

Pe-045-3 Identification of putative serum biomarkers for PARK2 by Metabolome analysis

Takashi Ogawa

Department of Neurology, Juntendo University School of Medicine

Pe-045-4 Effect of laughter yoga and clapping exercise in Parkinson's disease patients in Delhi population

Vinod Sharma

Shri Maha maya vaishnav devi mandir research institute (regd), New Delhi, India



**Neuromuscular junction and other autoimmune disorders (Clinical research)**

Chair : Masakatsu Motomura

Medical Engineering Course, Department of Engineering, The Faculty of Engineering, Nagasaki Institute of Applied Science

Commentator : Kimiaki Utsugisawa

Department of Neurology, Hanamaki General Hospital

**Pe-046-1** Serum immunoglobulin levels in patients with myasthenia gravis: at a regional cooperating hospital

Reiko Kawasaki

Yokohama Rosai Hospital

**Pe-046-2** Two cases of Lambert-Eaton syndrome in which anti-LRP4 antibody was positive

Takato Hiramine

Department of Neurology, Minamikyushu hospital

**Pe-046-3** Do Muscle Enzyme Changes Forecast Liver Injury in Polymyositis/Dermatomyositis Patients?

Qiang Shi

Department of Neurology, Chinese PLA General Hospital, China

**Pe-046-4** Validation of diagnostic criteria and severity scales for idiopathic hypertrophic pachymeningitis

Etsuji Saji

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

**Pe-046-5** Subacute combined degeneration in young woman with autoimmune polyglandular syndrome (APS) type II

Chuan Hsiu Fu

Department of Neurology, National Taiwan University Hospital, Taipei, Taiwan

**Parkinsonism and Related disorders (Basic research1)**

Chair : Shigeki Arawaka

Division of Neurology, Department of Internal Medicine IV, Osaka Medical College

Commentator : Genko Oyama

Department of Neurology, Juntendo University

**Pe-047-1** Phosphorylated alpha-synuclein was increased by homocysteine

Soichi Enomoto

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

Pe-047-2 Zonisamide ameliorates levodopa-induced dyskinesia via reduction of acetylcholine receptor mRNAs

Satoshi Morise

Department of Neurology, Kansai Medical University

Pe-047-3 Parkin and O-GlcNAc modification

Yukiko Maki

Department of Clinical Research, Tokushima National Hospital

Pe-047-4 Safety and Efficacy of Extended-Release Amantadine in Levodopa-Induced Dyskinesias: A Meta-analysis

Azalea T. Pajo

University of the Philippines-Philippine General Hospital, Philippines

Pe-048 English Poster Session

En

May 25 (Fri) 16 : 00 ~ 17 : 12

Poster Session (Royton Sapporo [Royton Hall] 3F)

Peripheral neuropathy (GBS and MFS1)

Chair : Katsuichi Miyamoto

Department of Neurology, Kindai University School of Medicine

Commentator : Masahiro Sonoo

Department of Neurology, Teikyo University School of Medicine

Pe-048-1 Characterization of laboratory data in Guillain-Barré syndrome and Fisher syndrome

Motoi Kuwahara

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

Pe-048-2 Differences of antibody reactivities against glycolipid complexes among GBS, MFS and BBE

Keisuke Yoshikawa

Department of Neurology, Kindai University Faculty of Medicine

Pe-048-3 Nerve conduction study in patients with anti-GM1 antibody positive Guillain-Barré syndrome

Shinya Narukawa

Department of Neurology, Saitama Medical Center, Saitama Medical University

Pe-048-4 Clinical Significance of Hypoalbuminemia in Patients with Guillain-Barré Syndrome

Satoru Oji

Department of Neurology, Saitama Medical Center, Saitama Medical University

Pe-048-5 Axonal variants are predominant and severe among Nepalese Guillain Barre syndrome

Rajeev Ojha

Tribhuvan University Teaching Hospital, Kathmandu, Nepal

Pe-048-6 Guillain-Barré Syndrome presenting as Isolated Bifacial Weakness, Paresthesias and Normoreflexia

Nico Paulo M. Dimal

University of the Philippines Philippine General Hospital, Philippines

**Neuroinfection (Clinical research)**

Chair : Motohiro Yukitake

Department of Neurology, Kouhoukai Takagi Hospital

Commentator : Hitoshi Mochizuki

University of Miyazaki, Department of Neurology

**Pe-049-1 4 cases of lower cranial neuropathy caused by zoster sine herpette**

Yuki Oi

Department of Neurology, Otowa hospital

**Pe-049-2 Spinal cord anteroposterior atrophy in HAM/TSP: MRI and neuropathological analyses**

Akitoshi Taniguchi

Division of Neurology, University of Miyazaki

**Pe-049-3 Abnormal dopamine transporter (DAT) imaging in the striatum of genetic Creutzfeldt-Jakob disease**

Yuji Tomizawa

Department of Neurology, Juntendo Tokyo Koto Geriatric Medical Center

**Pe-049-4 Clinical features of four cases of bacterial meningitis with ventriculitis**

Susumu Igarashi

Yokosuka Kyosai Hospital

**Pe-049-5 Withdrawn****Pe-049-6 Epidemiology and Outcomes of Central Nervous System (CNS) Infections in Singapore - A Prospective Cohort Study**

Jenny G. Low

Department of Infectious Disease, Singapore General Hospital

**Medical care and others 2**

Chair : Jun Goto

Department of Neurology, International University of Health and Welfare Mita Hospital

Commentator : O Leo Oikawa

Department of Rehabilitation Medicine, Asahikawa Medical University

**Pe-050-1 Molecular diagnosis of neurological diseases complicated with multi-organ disorders based on IRUD**

Masayuki Miyazaki

Department of Neurology, National center of Neurology and Psychiatry hospital, Tokyo, Japan

Pe-050-2 Disuse Syndrome and Rehabilitation Medicine in Northern Hokkaido of Japan

Ou Leo Oikawa

Department of Rehabilitation Medicine, Asahikawa Medical University Hospital

Pe-050-3 Identification of approval condition in orphan drugs for neurological disorders in Japan

Harumasa Nakamura

National center of neurology and psychiatry

Pe-050-4 Mental status of Mongolian elderly patients

Dorjkhald Baldorj

Shurmed outpatient hospital, Mongolia

Pe-051 English Poster Session

En

May 25 (Fri) 16 : 00 ~ 17 : 12

Poster Session (Royton Sapporo [Royton Hall] 3F)

Neuroimmunology (MS and basic research)

Chair : Yusei Miyazaki

Department of Neurology, Hokkaido Medical Center

Commentator : Ching-Piao Tsai

Taipei Beito Hospital, Taiwan

Pe-051-1 Withdrawn

Pe-051-2 IMMUNOSUPPRESSIVE PROPERTIES OF SULFATIDE IN PATHOGENESIS OF MULTIPLE SCLEROSIS

Mio Hamatani

Department of Neurology, Kyoto University Graduate School of Medicine

Pe-051-3 Fingolimod induces BAFF and expands circulating transitional B cells in multiple sclerosis

Yusei Miyazaki

Department of Neurology, Hokkaido Medical Center / Department of Clinical Research, Hokkaido Medical Center

Pe-051-4 GO-SHA-JINKI-GAN (GJG) Palliates Progression of EAE Mice by Anti-inflammatory Mechanism

Shiying Jiang

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

Pe-051-5 Involvement of SIRT6 in the morphological change of human oligodendrocyte cell lines

Shin Hisahara

Dept. Neurol., Sapporo Medical University

★ Pe-051-6 Altered gamma delta T cell repertoire correlates with disability in untreated multiple sclerosis

(APe-01-2)

Maimaitijiang Guzailiayi

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

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**Pe-051-7**

**The Efficacy of Ocrelizumab in Patients with Multiple Sclerosis: A Meta-Analysis**

**John Angelo Luigi S. Perez**

St. Luke's Medical Center- Quezon City, Philippines

25

General Session