

**English**  
**Poster Session**

**May 21 (Sat)**

## English Poster Session May 21 (Sat)

Poster Session (Kobe International Exhibition Hall [Poster Session] Hall No.3 Building, 1st Floor)

**CVD (Medical treatment 2) 13:00~14:30**

Chair: Haruko Yamamoto

(Center for Advancing Clinical and Translational Sciences,  
National Cerebral and Cardiovascular Center)

Commentator: Shigen Kasakura

(Department of Stroke Treatment, Shonan Kamakura General  
Hospital)

Pe-053-1 Effects of Fluvastatin on sICAM-1, hs-CRP Level in Patients with Subarachnoid Hemorrhage

Speaker: Cao Wenfeng

(The Neurology Institute of Jiangxi Province/Jiangxi  
Provincial People's Hospital, China)

Pe-053-2 Safety and Outcome of IV Thrombolysis for Acute Stroke in Patients with Negative Brain Imaging

Speaker: Peyman Shirani

(State University of New York at Buffalo, USA)

Pe-053-3 Effect of Admission Hyperglycemia on the Functional outcome of Patients with Acute Ischemic Stroke

Speaker: Gemmalynn B. Sarapuddin

(The Medical City, Philippines)

Pe-053-4 Effects of Tranexamic Acid on Hematoma Volume in Patients with Hypertensive Intracerebral Hemorrhage

Speaker: Ma. Daisy P. Tabuena

(Iloilo Mission Hospital, Philippines)

Pe-053-5 PREDICTORS OF SIGNIFICANT CAROTID STENOSIS AMONG PATIENTS UNDERGOING CAROTID DUPLEX ULTRASONOGRAPHY

Speaker: Maria Angelica M. Geronimo

(The Medical City, Philippines)

Pe-053-6 Men with primary OSA have a higher degree of a Neurological Condition than women of same age group

Speaker: Mensah-osman Edith

(EENA Comprehensive Neurology and Sleep Center, USA)

Pe-053-7 Challenges of a Comprehensive Neurology &amp; Sleep Center-from Setup to Reimbursements

Speaker: Mensah-osman Edith

(EENA Comprehensive Neurology and Sleep Center, USA)

# CVD (Epidemiology/Risk factors) 13:00~14:30



Chair: Shinichi Takahashi

(Department of Neurology, Keio University School of Medicine)

Commentator: Shutaro Takashima

(Department of Neurology, Toyama University Hospital)

Pe-054-1 Validation of the Filipino Version of National Institute of Health Stroke Scale

Speaker: Ela A. Barcelon

(Philippine General Hospital, Philippines)

Pe-054-2 withdrawn

Pe-054-3 Pattern and Risk Factors of Stroke in a District Hospital of Johor, Malaysia

Speaker: Yang Liang Boo

(Department of Medicine, Hospital Enche' Besar Hajjah Khalsom, Kluang, Johor, Malaysia)

Pe-054-4 Patient-level and hospital-level determinants of rehabilitation during acute stroke care in Taiwan

Speaker: Vinchi Wang

(Neurological Center, Cardinal Tien Hospital, New Taipei City, Taiwan/School of Medicine, College of Medicine, Fu-Jen Catholic University, Xinzhuang District, New Taipei City, Taiwan)

Pe-054-5 Stroke Awareness and Attitude in the Urban Population: Are we on target?

Speaker: Rosemarylin L. Or

(The Medical City, Philippines)

Pe-054-6 Rasch analysis to validate the European Health Literacy Survey Questionnaire in patients with stroke

Speaker: Wen-hsuan Hou

(Master Program in Long-Term Care, College of Nursing, Taipei Medical University, Taiwan/School of Gerontology Health Management, College of Nursing, Taipei Medical University, Taipei, Taiwan/Department of Physical Medicine and Rehabilitation, Taipei Medical University Hospital, Taipei, Taiwan)



## PD (Animal model) 13:00~14:30

Chair: Shigeki Arawaka

(Department of Neurology, Hematology, Metabolism,  
Endocrinology, and Diabetology. Yamagata University  
Faculty of Medicine)

Commentator: Hiroo Yamaguchi

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

Pe-055-1 Establishment of 6-OHDA induced-parkinsonian model rat with chimeric GFP+ bone marrow

Speaker: Syuuichirou Suzuki

(Department of Neurology, School of Medicine, Sapporo Medical  
University)

Pe-055-2 Expression of mRNA for adenosine A2A receptor in rat model of levodopa-induced dyskinesia

Speaker: Mitsuaki Oki

(Department of Neurology, Kansai Medical University)

Pe-055-3 Temporarily restricted expression of alpha-synuclein using Tet-off system to establish PD mice model

Speaker: Hiroo Yamaguchi

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

Pe-055-4 Can exercise modify Parkinson's disease?-using a new mouse model of Parkinson's disease-

Speaker: Shinya Okuda

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

Pe-055-5 Pathological role of GBA2 in GBA1-deficient neuronopathic Gaucher's disease model of medaka

Speaker: Etsuro Nakanishi

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

Pe-055-6 Oxidative stress and iron accumulation in the brain of the Zitter rat

Speaker: Taro Kadoaki

(Department of Neurology, Dokkyo Medical University/  
Department of Neuroimmunology, Medical University of  
Vienna, Austria/Department of Histology and Neurobiology,  
Dokkyo Medical University)

Pe-055-7 Neurotoxic roles of astrocytic gap junctional protein connexins 30 in MPTP toxicity

Speaker: Atsushi Fujita

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

**PD (Basic research 1) 13:00~14:30**



Chair: Takao Mitsui

(Tokushima National Hospital)

Commentator: Taku Hatano

(Department of Neurology, Juntendo University, School of Medicine)

**Pe-056-1** Mutations of a mitochondrial protein CHCHD2 lead to Parkinson's disease-like phenotypes

Speaker: Hongrui Meng

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

**Pe-056-2** PD-linked mutation in DNAJC13 causes specific trafficking defect in endosomal pathway

Speaker: Shun Yoshida

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

**Pe-056-3** Parkin is involved in miR 132 processing

Speaker: Takao Mitsui

(Department of Neurology, Tokushima National Hospital / Department of Clinical Research, Tokushima National Hospital)

**Pe-056-4** Regulation of Parkin/ChPF expression

Speaker: Yukiko Maki

(Department of Clinical Research, Tokushima National Hospital)

**Pe-056-5** The autophagy-related chemical screening using a GFP-LC3 HeLa stable cell line

Speaker: Kazuoki Hirano

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

**Pe-056-6** Post-transcriptional DNA methylation regulate adenosine A2a receptor protein with istradefylline

Speaker: Naomi Kanzato

(Department of Neurology, Okinawa Prefectural Nanbu Medical Center & Children's Medical Center)

**Pe-056-7** Mirtazapine protects dopaminergic neurons via astrocytes

Speaker: Ikuko Miyazaki

(Department of Medical Neurobiology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences / Department of Brain Science, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences)



**PD (Basic research 2) 13:00~14:30**

Chair: Tetsuya Takahashi

(Department of Clinical Neuroscience and Therapeutics,  
Hiroshima University)

Commentator: Takafumi Hasegawa

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

**Pe-057-1** The structure analysis for alpha-synuclein and Lewy bodies with synchrotron radiation

Speaker: Katsuya Araki

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

**Pe-057-2** The mechanism of aberrant calcium release from IP3 receptor by intraneural alpha-synuclein oligomers

Speaker: Kenji Yamamoto

(Department of Neurology, Utano National Hospital/Clinical  
Research Center, Utano National Hospital)

**Pe-057-3** cell-surface expression of dopamine transporter facilitates the uptake of alpha-synuclein

Speaker: Junpei Kobayashi

(Department of Neurology, Tohoku University School of  
Medicine)

**Pe-057-4** Regulation and stress-induced reaction of Ser129 phosphorylated alpha-synuclein

Speaker: Hiroyasu Sato

(Department of Neurology, Hematology, Metabolism,  
Endocrinology and Diabetology, Yamagata University Faculty  
of Medicine)

**Pe-057-5** TRPV1 stimulation modulates predisposition of alpha-synuclein to autophagy-mediated degradation

Speaker: Tsubasa Takizawa

(Department of Neurology, Keio University School of Medicine)

**Pe-057-6** Deficiency of lysosomal enzymes leads to an increase in insoluble alpha-synuclein

Speaker: Yasuyo Suzuki

(Department of Genetics, Institute for Developmental Research,  
Aichi Human Service Center)

**Pe-057-7** Decreased motility in glial cell-specific expression of mutated Parkin

Speaker: Taku Arano

(Center for Genomic and Regenerative Medicine, Juntendo  
University)

# **Parkinsonism (Basic research) 13:00~14:30**



Chair: Wataru Satake

(Division of Neurology, Kobe University)

Commentator: Yosuke Taruno

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

Pe-058-1 The role of microRNA in the pathogenesis of Parkinsons disease

Speaker: Mu Hui Fu

(Department of Neurology, Chung Gung Memorial Hospital, Kaohsiung Medical Center/Institute of Basic Medical Sciences, College of Medicine, National Cheng Kung University, Tainan, Taiwan.)

Pe-058-2 Glucocerebrosidase deficiency accelerates the propagation of alpha-Synuclein pathology

Speaker: Norihito Uemura

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

Pe-058-3 Parkinson's disease-associated mutations of PLA2G6 alters the phospholipid dynamics

Speaker: Akio Mori

(Department of Neurology, Juntendo University School of Medicine)

Pe-058-4 HDAC1/2 isoform specific inhibitor for suppression of Parkinson's disease progression

Speaker: Chi-jing Choong

(Department of Neurology, Osaka University)

Pe-058-5 Activation of caspase-9 in the neuronal and glial elements in dementia with Lewy bodies

Speaker: Yasuhiro Kawamoto

(Department of Neurology, Rakusaishimizu Hospital)

Pe-058-6 Evaluation of pathological alpha-synuclein deposits in multiple system atrophy

Speaker: Seiji Kaji

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



**MS (Clinical research) 13:00~14:30**

Chair: Takuya Matsushita

(Department of Neurology, Kyushu University)

Commentator: Shin Hisahara

(Department Neurology, Sapporo Medical University)

**Pe-059-1** The epidemiology of multiple sclerosis in a Mongolian cohort: a descriptive study

Speaker: Shuren S. Dashzeveg

(SHURMED Neurology Clinic/Mongolian National University of Medical Science/Mongolian Neurological Society, Mongolia /Faculty of Medicine (Neurology) UBC Hospital, University of British Columbia Vancouver, BC, Canada)

**Pe-059-2** Differences in brain MRI features between Japanese and Caucasian patients with multiple sclerosis

Speaker: Yuri Nakamura

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

**Pe-059-3** Humoral response against host-mimetic epitopes of *Mycobacterium paratuberculosis* in MS patients

Speaker: Davide Cossu

(Juntendo University)

**Pe-059-4** Remyelination activity visualized with Myelin Map in Fingolimod-treated multiple sclerosis patients

Speaker: Mariko Tanikawa

(Department of Neurology, Keio University School of Medicine)

**Pe-059-5** Clinical and genetic factors associated with disability in Japanese patients with multiple sclerosis

Speaker: Takuya Matsushita

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

**Pe-059-6** Cost and treatment patterns for multiple sclerosis based on a health insurance claims database

Speaker: 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)



## Central autoimmune diseases (Autoantibody)

13:00~14:30



Chair: Yuji Kawano

(NHO Omuta Hospital)

Commentator: Kazunori Nanri

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

Pe-060-1 withdrawn

Pe-060-2 An Uncommon Presentation of Anti-LGI1 Limbic Encephalitis

Speaker: Tayanen Srisupaolan

(Siriraj Hospital, Mahidol University, Thailand)

Pe-060-3 Chorea and Parkinsonism associated with antibodies to IgLON5: a case report

Speaker: Haitao Ren

(Department of neurology, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences, China)

Pe-060-4 Significance of cell-based assay in possible autoimmune encephalitis or related disorders: Part I

Speaker: Naomi Tominaga

(Department of Neurology, Kitasato University School of Medicine)

Pe-060-5 Significance of cell-based assay in possible autoimmune encephalitis or related disorders: Part II

Speaker: Juntaro Kaneko

(Department of Neurology, Kitasato University School of Medicine)

## Central autoimmune diseases (Others)

13:00~14:30



Chair: Hirofumi Ochi

(Department of Neurology and Geriatric Medicine, Ehime University Graduate School of Medicine)

Commentator: Hiroyuki Onoue

(Department of Neurology, Dokkyo Medical University Koshigaya Hospital)

Pe-061-1 MOG antibody-positive clinically isolated syndrome: a case report

Speaker: Jiaying Cheng

(Department of Neurology, Brain Center, Northern Jiangsu Province Hospital, Affiliated to Yangzhou University, China)

- Pe-061-2 Clinical and neuroimaging features of patients with MOG antibody-positive NMOSD  
Speaker: Xiaohua Gu  
(Department of Intensive Care Unit, Northern Jiangsu Province Hospital, Affiliated to Yangzhou University)
- Pe-061-3 Co-existing Autoimmune Diseases in Neuromyelitis Optica Spectrum Disorder and Multiple Sclerosis  
Speaker: Jyh Yung Hor  
(Department of Neurology, Penang General Hospital, Penang, Malaysia)
- Pe-061-4 Variants of IL-7/IL-7 RA are Associated with Both NMO and MS in Southeastern Han Chinese  
Speaker: Jing-cong Zhuang  
(Department of Neurology, Institute of Neurology, First Affiliated Hospital, Fujian Medical University, Fuzhou, China)
- Pe-061-5 withdrawn
- Pe-061-6 Neurosarcoidosis presenting as fluctuating course of amyotrophic lateral sclerosis  
Speaker: Cheng-hsuan Li  
(Department of Neurology, National Taiwan University Hospital, College of Medicine, National Taiwan University, Taiwan)
- Pe-061-7 Oral Movement Disorder as An Unusual Presentation of Stiff Person Syndrome  
Speaker: Ming Hui Yong  
(Department of Neurology, National Neuroscience Institute (Singapore General Hospital, Singapore))

## Clinical neurophysiology 13:00~14:30



Chair: Takashi Nagamine

(Department of Systems Neuroscience, School of Medicine, Sapporo Medical University)

Commentator: Tatsuya Abe

(Department of Neurology, National Hakone Hospital)

- Pe-062-1 Dorsal sural nerve conduction study with disposable strip electrodes  
Speaker: Shoji Hemmi  
(Kawasaki Medical School, Department of Neurology)
- Pe-062-2 Impaired axonal Na<sup>+</sup> current by hindlimb unloading: implication for disuse neuromuscular atrophy  
Speaker: Chimeglkham Banzrai  
(Department of Neurology, Institute of Biomedical Sciences, Tokushima University)

- Pe-062-3 Two-point discrimination threshold of inhabitants in the methylmercury-polluted area  
Speaker: Shigeru Takaoka  
(Kyoritsu Neurology and Rehabilitation Clinic)
- Pe-062-4 Paired pulse facilitation (PPF) in skeletal muscle neuromuscular junctions  
Speaker: Masahiko Kishi  
(Division of Neurology, Department of Internal Medicine, Sakura Medical Center, Toho University)
- Pe-062-5 Disinhibited blink reflex recovery in Parkinson disease with abnormal posture  
Speaker: Takashi Sugiyama  
(Division of Neurology, Respiriology, Endocrinology and Metabolism, Department of Internal Medicine, University of Miyazaki)
- Pe-062-6 Which areas inhibit motor response? Direct evidence from subdural recordings  
Speaker: Hirofumi Takeyama  
(Department of Neurology; Kyoto University)
- Pe-062-7 The effects of voluntary control of respiration on the excitability of the primary motor hand area  
Speaker: Isamu Ozaki  
(Department of Physical Therapy, Faculty of Health Sciences, Aomori University of Health and Sciences)

## Neuropathology (Tauopathies) 13:00~14:30



- Chair: Maya Mimuro  
(Institute for medical science of aging, Aichi Medical University)
- Commentator: Daita Kaneda  
(Tokyo Metropolitan Geriatric Hospital)
- Pe-063-1 Immunohistochemical features in tauopathies demonstrated by using a tau oligomer-specific antibody  
Speaker: Hidetomo Tanaka  
(Departments of Pathology, Brain Research Institute, Niigata University.)
- Pe-063-2 Neuron-derived aggregates in tauopathies were immunostained with anti-ErbB4 antibody  
Speaker: Chihiro Matsumoto  
(Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry / Department of Laboratory Medicine, National Center Hospital, National Center of Neurology and Psychiatry)

Pe-063-3 Immunohistochemical analysis of ErbB proteins in progressive supranuclear palsy

Speaker: Aya Murakami

(Kansai Medical University, Department of Neurology)

Pe-063-4 Clinicopathological features of early clinical stage of progressive supranuclear palsy

Speaker: Koji Yoshida

(Department of Neurology, Toyama University Hospital,  
Toyama)

Pe-063-5 How to distinguish cytopathological origin of Alzheimer disease from progressive supranuclear palsy

Speaker: Momoko Ebashi

(Laboratory of Structural Neuropathology, Tokyo Metropolitan  
Institute of Medical Science/Division of Neurology,  
Department of Medicine, Nihon University School of Medicine)

Pe-063-6 The best area to distinguish between progressive supranuclear palsy and corticobasal degeneration

Speaker: Yuko Saito

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

Pe-063-7 Appearance of unique tau-positive astrocytes in the motor cortex in amyotrophic lateral sclerosis

Speaker: Ryoko Takeuchi

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

## Neuropathology ( $\alpha$ -synucleinopathies) 13:00~14:30

Chair: Renpei Sengoku

(Department of Neurology, Tokyo Metropolitan Geriatric  
Hospital)

Commentator: Kenji Sakai

(Department of Neurology, Kanazawa University Hospital)

Pe-064-1 Cervical motor neuron loss in patients with multiple system atrophy characterized by dropped head

Speaker: Rie Saito

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

Pe-064-2 Immunohistochemical analysis of astrocyte pathology in multiple system atrophy

Speaker: Akihiko Hoshi

(Department of Neurology, Fukushima Medical University)

Pe-064-3 Alpha-synuclein in periphery decreases in Lewy body disease complicated by Alzheimer's disease

Speaker: Hiroyuki Sumikura

(Neuropathology (the Brain Bank for Aging Research), Tokyo Metropolitan Geriatric Hospital & Institute of Gerontology / Neurology, Osaka University Graduate School of Medicine)

Pe-064-4 Characteristic Lewy body-related alpha-synucleinopathy in myotonic dystrophy

Speaker: Terunori Sano

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

## Neuropathology (Others) 13:00~14:30



Chair: Hiroyuki Hatsuta

(Hatsuta Neurology Clinic)

Commentator: Toru Yamamoto

(Department of Neurology, Osaka Saiseikai Nakatsu Hospital)

Pe-065-1 Round-the-Clock Pattern of Motor Weakness in a Filipino Patient: A Case Report

Speaker: Ty Alekzander F. Talamera

(Saint Paul University Iloilo, Philippines / Saint Luke's Medical Center, Philippines)

Pe-065-2 The evaluation of nuclear structures in intranuclear hyaline inclusion body disease

Speaker: Yuta Nakano

(Department of Neuropathology, Tokyo Metropolitan Geriatric Hospital and Institution of Gerontology)

Pe-065-3 Microglial appearance in the white matter in hereditary diffuse leukoencephalopathy with spheroids

Speaker: Mari Tada

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

Pe-065-4 SGTA is associated with intranuclear inclusions of polyglutamine diseases

Speaker: Shun Kubota

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

Pe-065-5 Immunohistochemical study of astrocytic markers in parkin mutations

Speaker: Masayoshi Kanou

(Department of Neurology Juntendo University School of Medicine)

Pe-065-6 Molecular pathology of globular glial tuopathy

Speaker: Shigeo Murayama

(the Brain Bank for Aging Research, Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology)