

**English**  
**Poster Session**

**May 22 (Fri)**



## May 22 (Fri) English Poster Session

Poster Session (Toki Messe Exhibition Hall A, 1F)

### Stroke Diagnosis Clinical research (A) 15:50~17:20

Chair: Makoto Nakajima

(Department of Neurology, Kumamoto University)

Pe-051-1 Stroke Risk and Outcome in Patients with Epilepsy: Two Nationwide Cohort Studies

Speaker: Chien-chang Liao

(School of Medicine, Taipei Medical University, Taipei, Taiwan)

Pe-051-2 Seven-days heart rate monitoring for detection of paroxysmal atrial fibrillation

Speaker: Makoto Nakajima

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

Pe-051-3 Use of the FOUR score in routine neurocritical monitoring of acute stroke cases

Speaker: Rosemarylin L. Or

(The Medical City)

Pe-051-4 The Risk of Stroke among Migraine Patients with Antidepressant Medication

Speaker: Hsun-hau Lee

(Department of Neurology, School of Medicine, College of Medicine, Taipei Medical University)

### Stroke Diagnosis Clinical research (B) 15:50~17:20

Chair: Hidetaka Mitsumura

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

Pe-052-1 Clinical characteristics and problems of in-hospital onset ischemic stroke

Speaker: Hidetaka Mitsumura

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

Pe-052-2 Acute bilateral medial medullary infarction

Speaker: Yada Sritumrongsawat

(Roiet Hospital)

- Pe-052-3 Gallstone Disease as a True Risk Factor for Stroke  
 Speaker: Cheng-yu Wei  
 (Department of Neurology, Chang Bing Show Chwan Memorial Hospital, Changhua County, Taiwan, Republic of China/  
 Department of Exercise and Health Promotion, College of Education, Chinese Culture University, Taipei, Taiwan, Republic of China)
- Pe-052-4 Surgical treatment of pituitary apoplexy associated with hemispheric infarction  
 Speaker: Zhangyu Zou  
 (Fujian Medical University Union Hospital)
- Pe-052-5 Cerebral atrophy and functional recovery after inpatient stroke rehabilitation  
 Speaker: Makiko Tanaka  
 (Hoshigaoka Medical Center, Department of Stroke Medicine, Stroke Center)

## **Stroke Therapy Clinical research (B) 15:50~17:20**

Chair: Yuishin Izumi

(Department of Neurology, Tokushima University)

- Pe-053-1 Is the SVS on 3-T MR T2\*-WI useful to predict recanalization by tPA?  
 Speaker: Nobuaki Yamamoto  
 (Department of Clinical neuroscience, Tokushima University)
- Pe-053-2 The Role and Effectiveness of Noninvasive Ventilation in Acute Ischemic Stroke  
 Speaker: Amanda C. Chan  
 (National University Hospital)
- Pe-053-3 Administration of NOAC in patient with acute cardioembolic stroke: K-PLUS  
 Speaker: Takaomi Sing  
 (Department of Neurology, Graduate School of Medical Science, Kumamoto University/Department of Neurology, Japanese Red Cross Kumamoto Hospital/K-PLUS Investigators)
- Pe-053-4 Amelioration project in Post-Acute Care of Cerebrovascular Diseases in Taiwan  
 Speaker: Ku-chou Chang  
 (Chang Gung University, Taiwan/Kaohsiung Chang Gung Memorial Hospital, Taiwan)
- Pe-053-5 The Effects of CKD and High Phosphate on Cerebral White Matter and Small Vessels  
 Speaker: Chih-ping Chung  
 (Taipei Veterans General Hospital)

## Parkinson's disease Pathogenesis NeuroPathogenesis

15:50~17:20

Chair: Makoto Urushitani

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

Pe-054-1 Immunohistochemical localization of HAX-1 and PARL in Lewy bodies in PD and DLB

Speaker: Yasuhiro Kawamoto

(Department of Neurology, Rakusaishimizu Hospital/  
Department of Neurology, Faculty of Medicine, Kyoto University)

Pe-054-2 Immunohistochemical study of the cardiac sympathetic nerves in Lewy body disease

Speaker: Yuichi Fumimura

(Department of Neurology, Saitama Prefectural Rehabilitation Center/Laboratory of Structural Neuropathology, Tokyo Metropolitan Institute of Medical Science)

Pe-054-3 Three-dimensional study of cortical Lewy bodies and senile plaques in DLB

Speaker: Nobuatsu Nomoto

(Laboratory of Structural Neuropathology, Tokyo Metropolitan Institute of Medical Science/Department of Neurology, Sensoji Hospital)

Pe-054-4 Preclinical PSP and CBD - immunochemical and molecular pathological study

Speaker: Akane Nogami

(Department of Neuropathology, Tokyo Metropolitan Geriatric Hospital & Institute of Gerontology/Department of Neurology, Nippon Medical School)

Pe-054-5 The relationship between Lewy body and mitochondrial dysfunction in PLAN

Speaker: Hisae Sumi-akamaru

(Dept. of Neurol., Osaka Univ.)

Pe-054-6 Clinicopathological reevaluation of Richardson syndrome and PSP-parkinsonism

Speaker: Norihisa Maeda

(Departments of Neuropathology Graduate School of Medical Sciences, Kyushu University/Departments of Neurology, Graduate School of Medical Sciences, Kyushu University)

## **Parkinson's disease Pathogenesis $\alpha$ -synuclein 15:50~17:20**

Chair: Hideyuki Sawada

(Clinical Research Center, Utano National Hospital)

Pe-055-1 Dopamine-mediated oxidation of methionine 127 in  $\alpha$ -synuclein

Speaker: Kazuhiro Nakaso

(Div. Medical Biochemistry, Tottori Univ Fac of Med)

Pe-055-2  $\alpha$ -synuclein oligomers enhance functional coupling of SK, VDCC and IP3R

Speaker: Kenji Yamamoto

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

Pe-055-3 SOCE dysfunction enhances  $\alpha$ -synuclein cytotoxicity

Speaker: Satoru Ito

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

Pe-055-4 Structure analysis of post-translationally modified  $\alpha$ -synuclein

Speaker: Katsuya Araki

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

Pe-055-5 Sensitive Western Blotting for Detecting S129-Phosphorylated  $\alpha$ -Synuclein in CSF

Speaker: Asuka Sasaki

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

Pe-055-6 Analysis of the ATP13A2 mutant (PARK9) medaka (*Oryzias latipes*)

Speaker: Yosuke Taruno

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

## **Parkinson's disease Pathogenesis Parkin etc. 15:50~17:20**

Chair: Takao Mitsui

(Department of Clinical Reserch, Tokushima National Hospital)

Pe-056-1 Inhibition of glucocerebrosidase enzyme activity may affect dopamine release

Speaker: Yutaka Oji

(Department of Neurology, Juntendo University of medicine)

Pe-056-2 Involvement of Parkin in miRNA processing

Speaker: Takao Mitsui

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

Pe-056-3 Functions of Parkin gene to maintain pancreatic beta cell

Speaker: Hiroto Eguchi

(Juntendo University Nerima Hospital)

Pe-056-4 Circadian rhythm analysis in a Drosophila model of Parkinson's syndrome

Speaker: Yuka Hosaka

(Department of Neurology, Juntendo University)

Pe-056-5 Serum metabolomics revealed several metabolic markers of Parkinson's disease

Speaker: Ayami Okuzumi

(Department of Neurology, Juntendo University School of  
Medicine)

**Parkinson's disease Pathogenesis trafficking**

**15:50~17:20**

Chair: Shin-ichiro Kubo

(Department of Neurology, Juntendo University School of  
Medicine)

Pe-057-1 ESCRT regulates clearance of protein aggregates in neurodegenerative diseases

Speaker: Ryuji Oshima

(Division of Neurology, Department of Neuroscience & Sensory  
Organs, Tohoku University Graduate School of Medicine/  
Division of Cancer Biology and Therapeutics, Miyagi Cancer  
Center Research Institute)

Pe-057-2 Genetical studies on knockin mice carrying a PARK17 mutation

Speaker: Nobutaka Ishizu

(Department of Neurology and Neurological Science, Tokyo  
Medical and Dental University Graduate School of Medical and  
Dental Sciences/Department of Neurology, Tokyo National  
Hospital)

Pe-057-3 Parkinson's disease-associated mutations of PLA2G6 alters the membrane dynamics

Speaker: Akio Mori

(Department of Neurology, Juntendo University School of  
Medicine)

- Pe-057-4 Vps35-Vps29 form stable intermediate and initiate the retromer complex assembly  
 Speaker: Atsuhito Fuse  
 (Department of Neurology, Juntendo University School of Medicine)
- Pe-057-5 Parkinson's disease-associated proteins Vps35 regulate synaptic release  
 Speaker: Tsuyoshi Inoshita  
 (Dept of Research for Parkinson's Disease, Juntendo University Graduate School of Medicine)
- Pe-057-6 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)

## Parkinson's disease Pathogenesis Oxidative stress

15:50~17:20

Chair: Satoshi Kaneko  
 (Neurology, Kansai Medical University)

- Pe-058-1 Regional quantitation of mRNA in 6-OHDA-lesioned rats by real time RT-PCR  
 Speaker: Mitsuaki Oki  
 (Department of Neurology, Kansai Medical University)
- Pe-058-2 Indirect neuroprotection of hBM-MSCs against 6-OHDA-induced neurodegeneration  
 Speaker: Syuuichirou Suzuki  
 (Department of Neurology, School of Medicine, Sapporo Medical University)
- Pe-058-3 Characterization of microglia cell activation in MPTP PD mice model  
 Speaker: Hiroo Yamaguchi  
 (Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University)
- Pe-058-4 Dendritic spines of nucleus accumbens in 6-OHDA-lesioned rat treated with L-dopa  
 Speaker: Yukihiisa Funamizu  
 (Department of Neurology, Aomori Prefectural Central Hospital  
 /Department of Pathology and Molecular Medicine, Hiroasaki University Graduate School of Medicine)
- Pe-058-5 Roles of astrocytic gap junctional protein connexins 30 and 43 in MPTP toxicity  
 Speaker: Atsushi Fujita  
 (Department of Neurology, Neurological Institute, Graduate school of Medical Sciences, Kyushu University)



**Parkinson's disease Pathogenesis Others (A) 15:50~17:20**

Chair: Makoto Minamiyama

(National Center for Geriatrics and Gerontology)

Pe-059-1 Creating mice models for Parkinson's disease based on its genetic risk factors

Speaker: Masashi Ikuno

(Department of Neurology Kyoto University Graduate School of Medicine)

Pe-059-2 The function analysis for FOXO3 of Lewy Body Disease models

Speaker: Makoto Minamiyama

(National Center for Geriatrics and Gerontology, Department of Cognitive Brain Science)

Pe-059-3 Analysis of NDUFV2 on a mouse model for Parkinson's disease

Speaker: Manabu Funayama

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

Pe-059-4 Effect of ChPF family on transcription of parkin gene

Speaker: Yukiko Maki

(Department of Clinical Research, Tokushima National Hospital, National Hospital Organization)

Pe-059-5 Kynurenine Pathway and Neuroinflammation in Parkinson's Disease

Speaker: Kazuhiro Iwaoka

(Department of Neurology and Gerontology, Iwate Medical University)

**Parkinson's disease Pathogenesis Others (B) 15:50~17:20**

Chair: Masahiko Tomiyama

(Department of Neurology, Aomori Prefectural Central Hospital)

Pe-060-1 Neuroprotective profile of mirtazapine on astrocytes in parkinsonian mice

Speaker: Ikuko Miyazaki

(Dept. of Brain Sci. Okayama University Graduate School of Medicine)

Pe-060-2 Duloxetine increases effects of levodopa in a rat model of Parkinson's disease

Speaker: Haruo Nishijima

(Department of Neurology, Aomori Prefectural Central Hospital / Department of Neurophysiology, Institute of Brain Science, Hirosaki University Graduate School of Medicine)

Pe-060-3 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-060-4 in silico drug discovery for Parkinson's disease by using GWAS data

Speaker: Takeshi Uenaka

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

## **Parkinson's disease Clinical research (B) 15:50~17:20**

Chair: Hidemoto Saiki

(Department of Neurology, Kitano Hospital, The Tazuke Medical Research Institute)

Pe-061-1 Detection of freezing of gait and falls using a triaxial accelerometer

Speaker: Yasuyuki Okuma

(Department of Neurology, Juntendo University Shizuoka Hospital)

Pe-061-2 A clinical study of prognostic factors of gait in Parkinson's disease

Speaker: Hidemoto Saiki

(Department of Neurology, Kitano Hospital, The Tazuke Kofukai Medical Research Institute)

Pe-061-3 Risk and outcomes of fracture in patients with Parkinson's disease: two studies

Speaker: Yi-chun Chou

(Department of Physical Medicine and Rehabilitation, China Medical University Hospital, Taiwan)

Pe-061-4 The relationship between MIBG and FP-CIT scintigraphy in Parkinson disease

Speaker: Kosuke Yoshida

(Department of Neurology, Asahikawa Medical Center, National Hospital Organization)

Pe-061-5 The relationship of intraoperative recording and longterm outcome of DBS therapy

Speaker: Katsuo Kimura

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

## **Multiple sclerosis Pathogenesis (B) 15:50~17:20**

Chair: Kiyokazu Kawabe

(Department of Neurology Toho University Omori Medical Center)

### **Pe-062-1 Role of proteoglycan in the pathogenesis of EAE**

Speaker: Rino Ueno

(Department of Neurology, Kinki University School of Medicine)

### **Pe-062-2 Angiotensin (1-7) inhibits inflammatory cytokines expression in microglia**

Speaker: Kiyokazu Kawabe

(Department of Neurology Toho University Omori Medical Centre)

### **Pe-062-3 Alterations of peripheral blood T cell subsets specific for MS and NMO**

Speaker: Ziyi Song

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

### **Pe-062-4 Th1 cells inhibit the expression of connexins in astrocytes**

Speaker: Mitsuru Watanabe

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

## **NMO Clinical research (A) 15:50~17:20**

Chair: Ichiro Nakashima

(Department of Neurology, Tohoku University School of Medicine)

### **Pe-063-1 Neuromyelitis optica presenting with spinal cord ring enhancement**

Speaker: Hiroaki Yokote

(Department of Neurology, Musashino Red Cross Hospital/  
Department of Neurology and Neurological Sciences, Tokyo Medical and Dental University)

### **Pe-063-2 Depressive State and Chronic Fatigue in Neuromyelitis Optica**

Speaker: Ichiro Nakashima

(Department of Neurology, Tohoku University School of Medicine)

Pe-063-3 Clinical features of anti-MOG positive Neuromyelitis Optica Spectrum Disorders

Speaker: Sasitorn Siritho

(Division of Neurology, Department of Medicine, Siriraj  
Hospital, Mahidol University, Bangkok, Thailand/  
Bumrungrad International Hospital, Bangkok, Thailand)

Pe-063-4 Addition of Corticosteroids Prevents Relapses in Neuromyelitis Optica

Speaker: Jyh Yung Hor

(Department of Neurology, Penang General Hospital, Penang,  
Malaysia)

## **Infection 15:50~17:20**

Chair: Ryuji Kubota

(Center for Chronic Viral Diseases, Kagoshima University)

Pe-064-1 Chiari Malformation and TB Meningitis: Issues in Etiology and Management

Speaker: Jose Danilo B. Diestro

(University of the Philippines- Philippine General Hospital)

Pe-064-2 Aspirin in Preventing Stroke in Tuberculous Meningitis: A Meta-Analysis

Speaker: Marjorie Anne C. Bagnas

(Department of Neurosciences, University of the Philippines -  
Philippine General Hospital)

Pe-064-3 A Case Report of Co-Occurrence of Pituitary Tuberculosis and Craniopharyngioma

Speaker: Cezar Thomas R. Suratos

(University of the Philippines - Philippine General Hospital)

Pe-064-4 High incidence of HAM after Kidney transplantation from HTLV-1 positive donors

Speaker: Yoshihisa Yamano

(Institute of Medical Science, St. Marianna University School of  
Medicine/Division of Neurology, St. Marianna University  
School of Medicine)

Pe-064-5 Tunicamycin induced apoptosis via ER stress in CD4+T cells of HAM patients

Speaker: Daisuke Kodama

(Molecular Pathology, Center for Chronic Viral Diseases,  
Kagoshima University Graduate School of Medical and Dental  
Sciences)

## **Prion/ Granulomatous disease 15:50~17:20**

Chair: Masahito Yamada

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

Pe-065-1 Graft-related disease progression in dura mater graft-associated CJD

Speaker: Kenji Sakai

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

Pe-065-2 Clinical characteristics of Gerstmann-Sträussler-Scheinker disease in Japan

Speaker: Hiroyuki Murai

(Department of Neurology, Kyushu University)

Pe-065-3 Auditory Distortion as the initial manifestation of Creutzfeldt-Jacob Disease

Speaker: Bharatendu Chandra

(National University Health System, Singapore)

Pe-065-4 Predominance of MPO-ANCA positivity in hypertrophic pachymeningitis in Japan

Speaker: Izumi Kawachi

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

Pe-065-5 Granulomatosis with polyangiitis (Wegener) with nervous system involvement

Speaker: Hung-chou Kuo

(Department of Neurology, Chang Gung Memorial Hospital at  
Taipei)

## **Headache 15:50~17:20**

Chair: Kenji Yoshikawa

(JCHO Hoshigaoka Medical Center)

Pe-066-1 Increased Risk of Trigeminal Neuralgia in Patients with Migraine

Speaker: Kuan-hsiang Lin

(Department of Neurology, Institute of Internal Medicine,  
Taipei City Hospital Heping Fuyou Branch, Taiwan/Faculty  
of Medicine, National Yang-Ming University School of  
Medicine, Taiwan)

Pe-066-2 Long-Acting Steroid Injection for Refractory Trigeminal-Autonomic Cephalalgia

Speaker: Kenji Yoshikawa

(Dept. Neurology, JCHO Hoshigaoka Medical Center/Dept.  
Strokology, JCHO Hoshigaoka Medical Center)

- Pe-066-3 The influence of candesartan on cortical spreading depression  
 Speaker: Eiji Kitamura  
 (Department of Neurology, Kitasato University School of Medicine)
- Pe-066-4 Sudden headache with oculomotor palsy in pituitary apoplexy: a case report  
 Speaker: Yu-chen Cheng  
 (Section of Neurology, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei, Taiwan)
- Pe-066-5 Tripple cranial neuralgias mimics complex partial seizure  
 Speaker: Jiraporn Jitprapaikulsan  
 (Buddhachinaraj Hospital)

### **Clinical research electrophysiology 15:50~17:20**

- Chair: Katsumi Kurokawa  
 (Department of Neurology, Kawasaki Medical School)
- Pe-067-1 A simple and novel method to evaluate whole plantar nerve conduction  
 Speaker: Shoji Hemmi  
 (Kawasaki Medical School, Department of Neurology)
- Pe-067-2 Quantitative ultrasonographic evaluation of facial muscles  
 Speaker: Hiroshi Tsukamoto  
 (Department of Neurology, Teikyo University Hospital/  
 Department of Clinical Laboratory Science, Teikyo University  
 Faculty of Medical Technology)
- Pe-067-3 Selective Serotonin Reuptake Inhibitors for Prevention of Post Stroke Depression  
 Speaker: Dan Neftalie A. Juangco  
 (St. Luke's Medical Center)
- Pe-067-4 Evaluation of small-fiber dysfunction by intraepidermal electrical stimulation  
 Speaker: Minori Kodaira  
 (Department of Medicine (Neurology and Rheumatology),  
 Shinshu University School of Medicine/Department of  
 Sensory-Motor Integration, National Institute for Physiological  
 Sciences)
- Pe-067-5 A primary study of transcranial magnetic stimulation in cervical dystonia  
 Speaker: Guang Huang  
 (Capital Medical University, Beijing, China)