

**English**  
**Poster Session**

**May 20 (Wed)**



## May 20 (Wed) English Poster Session

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

### Stroke Pathogenesis (A) 16:35~18:05

Chair: Hiromasa Tsuda

(Department of Neurology, Tokyo Metropolitan Health and Medical Corporation Toshima Hospital/Department of Neurology, Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital)

Pe-001-1 The fibers to the levator palpebrae superioris in the oculomotor fasciculus

Speaker: Hiromasa Tsuda

(Department of Neurology, Tokyo Metropolitan Health and Medical Corporation Toshima Hospital/Department of Neurology, Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital)

Pe-001-2 Arterial Spin-Labeling MR imaging in patients with an internal carotid occlusion

Speaker: Hirokazu Ueda

(Department of Neurology, JCHO Osaka Hospital)

Pe-001-3 EMBOLIC STROKE OF UNDETERMINED SOURCE (ESUS): A CLINICAL STUDY

Speaker: Virulo P. Marianito

(Section of Adult Neurology, The Medical City)

Pe-001-4 Ischemic Evidence of Transient Global Amnesia

Speaker: Geraldine L. Mariano

(St. Luke's Medical Center, Quezon City, Philippines)

Pe-001-5 Clinical Profile, Risk Factors, Etiology and Outcome of Stroke in Young Filipino

Speaker: Ty Aleksander F. Talamera

(St. Luke's Medical Center)

### Dementia Clinical research Alzheimer disease 16:35~18:05

Chair: Akira Tamaoka

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

Pe-002-1 Prediction of MCI to AD conversion via gray and white matter structural changes

Speaker: Naoya Oishi

(Human Brain Research Center, Kyoto University Graduate School of Medicine)

- Pe-002-2 Imaging brain amyloid in nondemented young adults with Down syndrome using PIB  
 Speaker: Takashi Kasai  
 (Department of Neurology, Kyoto Prefectural University of Medicine)
- Pe-002-3 Impact of baseline amyloid status on clinical progression of Alzheimer's Disease  
 Speaker: Tomomi Nakamura  
 (Eli Lilly Japan K.K.,)
- Pe-002-4 Systematic Review on Transcranial Magnetic Stimulation in Alzheimers Disease  
 Speaker: Jemellee Cano  
 (St. Luke's Medical Center, Quezon City, Philippines)
- Pe-002-5 Toxic Abeta conformer in brains and CSF obtained from non-demented individuals  
 Speaker: Yasushi Tomidokoro  
 (Department of Neurology, University of Tsukuba Faculty of Medicine)
- Pe-002-6 INCREASED SECRETION OF ABETA-OLIGOMERS HARBORING MUTANTS IN CELLS LINKED TO FAD  
 Speaker: Yoichi Ohshima  
 (Department of Pharmacology, Kyoto Prefectural University of Medicine)

### **Ataxias Assessment 16:35~18:05**

Chair: Ichiro Yabe  
 (Department of Neurology, Hokkaido University Graduate School of Medicine)

- Pe-003-1 Attempt of a new indicator for Multiple System Atrophy  
 Speaker: Masaaki Matsushima  
 (Department of Neurology, Hokkaido University Graduate School of Medicine)
- Pe-003-2 Saccade abnormalities in cerebellar ataxia: comparison between SCD and MSA-C  
 Speaker: Yasuo Terao  
 (Department of Neurology, University of Tokyo)
- Pe-003-3 Estimation of gait and balance in ataxic patients using a triaxial accelerometer  
 Speaker: Akira Matsushima  
 (Department of Neurology and Rheumatology, Shinshu University School of Medicine)

- Pe-003-4 Quantitative evaluation of cerebellar ataxia by accelerometers  
 Speaker: Shinichi Shirai  
 (Department of Neurology, Kushiro Rosai Hospital/  
 Department of Neurology, Hokkaido University Graduate  
 School of Medicine)

## **Ataxias Hereditary 16:35~18:05**

Chair: Haruo Shimazaki

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

- Pe-004-1 Genetic study for autosomal dominant hereditary spastic paraplegia in Taiwanese  
 Speaker: Min-yu Lan  
 (Center for Parkinson's Disease, Kaohsiung Chang Gung  
 Memorial Hospital/Department of Neurology, Kaohsiung  
 Chang Gung Memorial Hospital)

- Pe-004-2 Novel mutation of PRKCG in a family with dominant ataxia and mental impairment  
 Speaker: Haruo Shimazaki  
 (Division of Neurology, Department of Internal Medicine, Jichi  
 Medical University)

- Pe-004-3 Autosomal recessive cerebellar ataxia: clinicopathologic features of 4 patients  
 Speaker: Rie Saito  
 (Department of Pathology, Brain Research Institute, Niigata  
 University/Department of Neurology, Brain Research  
 Institute, Niigata University)

- Pe-004-4 Adult-onset cerebello-brainstem dominant form of ALD; a case report and review  
 Speaker: Kotaro Ogaki  
 (Department of Neuroscience, Mayo Clinic, Jacksonville,  
 Florida, USA)

## **Multiple sclerosis Clinical research (A) 16:35~18:05**

Chair: Yuko Shimizu

(Department of Neurology, Tokyo Women's Medical  
 University School of Medicine)

- Pe-005-1 Multiple Sclerosis Susceptibility and Disease Outcome according to the Latitude  
 Speaker: Yuri Nakamura  
 (Departments of Neurology, Neurological Institute, Graduate  
 School of Medical Sciences, Kyushu University)

Pe-005-2 IgG index in multiple sclerosis

Speaker: Kiyomi Morita

(Department of Neurology, The University of Tokyo Hospital)

Pe-005-3 Galectin 3 is a possible target molecule in patients with SPMS

Speaker: Hideaki Nishihara

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

Pe-005-4 Outcomes of pregnancy during IFN beta-1a in patients with multiple sclerosis

Speaker: Yuko Shimizu

(Department of Neurology, Tokyo Women's Medical University  
School of Medicine)

Pe-005-5 Microglial activation in multiple sclerosis

Speaker: Tomoyasu Bunai

(First Department of Medicine, Hamamatsu University School  
of Medicine)

**Multiple sclerosis Clinical research (B) 16:35~18:05**

Chair: Jun-ichi Kira

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

Pe-006-1 An uncommon presentation of fulminant demyelinating disease

Speaker: Hung-ju Chen

(Wan Fang Hospital, Taipei Medical University, Taiwan)

Pe-006-2 Efficacy of steroid pulse therapy in multiple sclerosis and neuromyelitis optica

Speaker: Jun-ichi Kira

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

Pe-006-3 Relapse Characteristics Of 39 Patients With RRMS

Speaker: Yingqiong Xiong

(Jiangxi Provincial People's Hospital/The Neurological  
Institute of Jiangxi Province)

Pe-006-4 Clinical course of optic neuritis in neuromyelitis optica and multiple sclerosis

Speaker: Hiroki Masuda

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

Pe-006-5 Progressive multiple sclerosis and fingolimod therapy in Japan

Speaker: Kazumasa Yokoyama

(Department of Neurology Juntendo School of Medicine)

## **Myasthenia Gravis 16:35~18:05**

Chair: Yasushi Suzuki

(Division of Neurology, National Hospital Organization, Sendai Medical Center)

Pe-007-1 Better treatment of myasthenia gravis with intravenous immunoglobulin

Speaker: Genya Watanabe

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

Pe-007-2 Higher risk of myasthenic patients with thyroid and allergic diseases

Speaker: Jiann-horng Yeh

(Department of Neurology, Shin Kong Wu Ho-Su Memorial Hospital)

Pe-007-3 B cell analysis in human thymus

Speaker: Naoko Matsui

(Department of Neurology, Institute of Health Bioscience, Graduate School of Medical Sciences, The University of Tokushima)

Pe-007-4 Therapeutic effect of rapamycin in experimental model of MuSK-MG

Speaker: Shuuichi Mori

(Tokyo Metropolitan Institute of Gerontology, Department of Geriatric Medicine)

## **Inflammatory muscle disease Clinical research 16:35~18:05**

Chair: Yume Suzuki

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

Pe-008-1 Analysis of anti-NT5C1A antibody-positive sporadic inclusion body myositis

Speaker: Nozomu Tawara

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

Pe-008-2 Reconsideration of sporadic and familial hypokalemic periodic paralysis

Speaker: Jun-hui Yuan

(Kagoshima University)

Pe-008-3 Long term follow up of a case of glycogen storage disease type III

Speaker: Yume Suzuki

(Yokohama City University Department of Medicine)

Pe-008-4 Plasma IP-10 level distinguishes inflammatory myopathy

Speaker: Akinori Uruha

(Department of Clinical Development, Translational Medical Center, National Center of Neurology and Psychiatry (NCNP) / Department of Neuromuscular Research, National Institute of Neuroscience, NCNP)

Pe-008-5 Ser403-phosphorylated p62/SQSTM1 in sporadic inclusion body myositis

Speaker: Satoshi Nakano

(Department of Neurology, Osaka City General Hospital)

## **Inflammatory muscle disease Pathogenesis 16:35~18:05**

Chair: Satoshi Yamashita

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

Pe-009-1 The microvasculature in endomysium expresses barrier-related proteins

Speaker: Hironori Sano

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

Pe-009-2 Analysis of nNOS/caveolin3 w-null mice

Speaker: Yuta Fukai

(Department of Neurology, Kawasaki Medical School)

Pe-009-3 Analysis of myostatin and related proteins in a cardiotoxin-injured muscle model

Speaker: Kenya Murata

(Department of Neurology, Wakayama Medical University)

Pe-009-4 Analysis of the pathogenesis in muscular degeneration due to a MATR3 mutation

Speaker: Satoshi Yamashita

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

Pe-009-5 Effect of denervation on muscle regeneration: expression of alpha B-crystallin

Speaker: Takahiro Jimi

(Department of Neurology, Machida-Keisen Hospital / Department of Neurology, Showa University Fujigaoka Hospital)



## **Muscular dystrophy Clinical research 16:35~18:05**

Chair: Takahiro Nakayama

(Department of Neurology, Yokohama Rosai Hospital)

Pe-010-1 Japanese current clinical status of Duchenne muscular dystrophy

Speaker: Tsuyoshi Matsumura

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

Pe-010-2 Net muscle volumetry by CT, MRI and BIA for the patients with muscular dysrophy

Speaker: Takahiro Nakayama

(Department of Neurology, Yokohama Rosai Hospital)

Pe-010-3 A Comprehensive Database of DMD/ BMD(0-18 years old) in East China

Speaker: Xi Hua Li

(Children Hospital of Fudan University)

Pe-010-4 Myotonic dystrophies diagnostics by Optimization PCR

Speaker: Xin Y. Meng

(The Third Hospital of Hebei Medical University)

## **Muscular dystrophy Pathogenesis 16:35~18:05**

Chair: Yukiko Hayashi

(Department of Pathophysiology)

Pe-011-1 Elucidation of MMP-9 role in muscle injury model and dystrophic muscle

Speaker: Akinori Nakamura

(Intractable Disease Care Center, Shinshu University Hospital)

Pe-011-2 Dietary calcium reduces skeletal muscle necrosis of mdx mice

Speaker: Mizuko Yoshida

(Department of Life Sciences, The University of Tokyo)

Pe-011-3 withdrawn

Pe-011-4 Analysis of the functional role of alpha-dystroglycan N-terminal domain in vivo

Speaker: Fumiaki Saito

(Teikyo University, Department of Neurology)

Pe-011-5 Different muscle involvement in mouse models of nuclear envelopathy

Speaker: Yukiko Hayashi

(Department of Pathophysiology, Tokyo Medical University)

## Peripheral neuropathy Clinical research Autoimmune disease

16:35~18:05

Chair: Ryo Yamasaki

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

Pe-012-1 Prevalence and features of anti-neurofascin 155 antibody-positive CIDP

Speaker: Hidenori Ogata

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

Pe-012-2 Lymphocyte subsets for diagnosis of autoimmune peripheral neuropathy

Speaker: Hitoshi Mori

(Department of Neurology, Kurashiki Central Hospital)

Pe-012-3 Sonographical visualization of peripheral nerves in MADSAM neuropathy

Speaker: Kanta Tanaka

(Department of Neurology, Tenri Hospital)

Pe-012-4 Rehabilitation of Guillain-Barre syndrome; clinical scoring and outcome measures

Speaker: Masaki Kobayashi

(Ibaraki Prefectural University of Health Science Hospital,  
Department of Neurology)

Pe-012-5 Therapeutic responsiveness and prognosis in CIDP mouse models

Speaker: Masahiro Iijima

(Department of Neurology, Nagoya University / Department of  
therapeutics for intractable neurological disorders, Nagoya  
University)

## Peripheral neuropathy Clinical research Others (A)

16:35~18:05

Chair: Taro Yamashita

(Diagnostic Unit for Amyloidosis, Department of Neurology,  
Kumamoto University Hospital)

Pe-013-1 Bortezomib-induced peripheral polyneuropathy in systemic AL amyloidosis patients

Speaker: Nagaaki Katoh

(Department of Medicine (Neurology and Rheumatology),  
Shinshu University School of Medicine)

Pe-013-2 Prevalence and associated risk factors of DPN in diabetes with cerebral apoplexy

Speaker: Qin Dong

(Fu Xing Hospital, Capital Medical University, Beijing, CHINA)

Pe-013-3 Mass spectrometry for detecting variant TTR in serum samples for FAP diagnosis

Speaker: Guannan Huang

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

★ Pe-013-4 Analysis of BSCL2 Mutation in Taiwanese Cohort with Charcot-Marie-Tooth Disease

Speaker: Cheng Tsung Hsiao

(Department of Neurology, Taipei Veterans General Hospital, Taipei, Taiwan, ROC)

## Metabolic disorders Hereditary 16:35~18:05

Chair: Nobuaki Wakamatsu

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

Pe-014-1 Rapid diagnosis method for juvenile neuronal ceroid lipofuscinoses

Speaker: Yuying Zhao

(Qilu Hospital of Shandong University, China)

Pe-014-2 Clinical, neuroimaging and myopathological analyses of Leigh syndrome

Speaker: Yuying Zhao

(Qilu Hospital of Shandong University, China)

Pe-014-3 Clinical and biochemical characterization of patients with HIBCH deficiency

Speaker: Nobuaki Wakamatsu

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

Pe-014-4 Generation of iPS cell-derived macrophages from patient with FAP

Speaker: Hiroaki Motokawa

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

## Higher cerebral function 16:35~18:05

Chair: Ritsuo Hashimoto

(Department of Neurology, International University of Health and Welfare Hospital)

Pe-015-1 Hyperfamiliarity in dementia and mild cognitive impairment

Speaker: Simon Kang Seng Ting

(National Neuroscience Institute Singapore General Hospital Campus, Singapore)

Pe-015-2 Card Placing Test: A new test for evaluating a subject's heading orientation

Speaker: Ritsuo Hashimoto

(Department of Neurology, International University of Health and Welfare Hospital)

Pe-015-3 The study of cerebrovascular reserve in patients of mild cognitive impairment

Speaker: Chen Zhulin

(Fu Xing Hospital, Capital Medical University)

Pe-015-4 Brain 3D-SSP SPECT analysis in dementia with "Closing-in" phenomenon

Speaker: Manabu Tsumoto

(JCHO Tokyo Takanawa Hospital, Department of Neurology)

Pe-015-5 Visuo-perceptual dysfunction in patients with Krabbe disease: Case report

Speaker: Akitoshi Takeda

(Department of Geriatric medicine and Neurology, Osaka City University Graduate School of Medicine)

## Neurogenetics Clinical research (A) 16:35~18:05

Chair: Toshitaka Kawarai

(Department of Clinical Neuroscience, Institute of Health Biosciences, The University of Tokushima Graduate School)

Pe-016-1 Germline mosaicism of TUBB4A mutation causes dystonia in two siblings

Speaker: Toshitaka Kawarai

(Department of Clinical Neuroscience, Institute of Health Biosciences, The University of Tokushima Graduate School)

Pe-016-2 Clinicogenetic study of FBX07 in hereditary Parkinson's disease

Speaker: Silvio A. Conedera

(Department of Neurology, Juntendo University School of Medicine)

Pe-016-3 Clinical sequence using a hereditary disease panel

Speaker: Naoko Sato

(Department of Neurology, Graduate School of Medicine, The University of Tokyo)

Pe-016-4 Comprehensive targeted resequencing analysis in Japanese ALS patients

Speaker: Ayumi Nishiyama

(Department of Neurology, Tohoku University School of Medicine / Department of Medical Genetics, Tohoku University School of Medicine)

## Neurogenetics/Regeneration/Gene therapy 16:35~18:05

Chair: Yuji Ueno

(Department of Neurology, Juntendo University School of Medicine)

Pe-017-1 First Report of Two Brothers with Panay Ancestry with Mohr-Traenklejaerg Syndrome

Speaker: Johanna Melissa G. Penamora- Destrizza

(St. Luke's Medical Center, Philippines)

Pe-017-2 BIN1 Induces AD related Brain atrophy and abnormal glucose metabolisms in ADNI

Speaker: Hui-fu Wang

(Qingdao Municipal Hospital, Nanjing Medical University)

Pe-017-3 The expression of axonal growth inhibitors in the peri-infarct area in rat brain

Speaker: Kenichiro Hira

(Juntendo University School of Medicine)

Pe-017-4 Mesenchymal stem cells protect the blood spinal cord barrier after injury

Speaker: Takashi Matsushita

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

## Neurogenetics Clinical research (B) Leukoencephalopathy 16:35~18:05

Chair: Tomokatsu Yoshida

(Department of Neurology, Kyoto Prefectural University of Medicine)

Pe-018-1 Clinigenetic study of CADASIL pedigrees with notch3 mutation

Speaker: Takashi Matsushita

(Department of Neurology, Juntendo University School of Medicine)

Pe-018-2 Consideration of issues related to pre- and post- genetic test for CADASIL

Speaker: Ikuko Mizuta

(Department of Neurology, Kyoto Prefectural University of Medicine)

Pe-018-3 Clinical features of patients in 2 Chinese families with CADASIL

Speaker: Rong Xiong

(The Department of Neurology, Fu Xing Hospital, Capital Medical University)

Pe-018-4 Hereditary Diffuse Leukoencephalopathy with Spheroids: A Hidden Culprit

Speaker: Seiji Kaji

(Department of Clinical Neuroscience, Institute of Health Biosciences, Graduate School of Medicine, University of Tokushima/Department of Neurology, Graduate School of Medicine, Kyoto University)

## **Radiology 16:35~18:05**

Chair: Masahiro Mishina

(Department of Neuro-pathophysiological Imaging, Graduate School of Medicine, Nippon Medical School)

Pe-019-1 Reduced activation of motion perception networks in primary dystonia

Speaker: Koji Fujita

(Center for Neurosciences, The Feinstein Institute for Medical Research/Department of Clinical Neuroscience, Tokushima University)

Pe-019-2 For effective utilization of DaT-SPECT with 123I-ioflupane in clinical practice

Speaker: Hidehiro Shibayama

(Kameda Medical Center, Division of Neurology)

Pe-019-3 Regional accumulation of [C-11]PiB and [F-18]FDG in subtype of Lewy body disease

Speaker: Masahiro Mishina

(Department of Neuro-pathophysiological imaging, Graduate School of Medicine, Nippon Medical School/Research Team for Neuroimaging, Tokyo Metropolitan Institute of Gerontology /Department of Neurological Science, Graduate School of Medicine, Nippon Medical School)

Pe-019-4 Oscillation changes in the STN of Parkinson's disease during antisaccade errors

Speaker: Akihiro Yugeta

(Department of Neurology, University of Tokyo Hospital/Toronto Western Hospital, University of Toronto)