

Cerebrovascular disease (Clinical research)

Chair : Shunya Takizawa

Division of Neurology, Department of Internal Medicine, Tokai University
School of Medicine

Commentator : Ken Nagata

Clinical Research Institute, Yokohama General Hospital

Pe-052-1 The utility of DWI by multiplexed sensitivity encoding (MUSE) in the detection of microinfarctions

Shingo Kakeda

Department of Radiology, University of Occupational and Environmental Health

Pe-052-2 Influence of age on appearance and change of DWI high signal area in revascularization therapy

Satoshi Takaishi

St.Marianna University Toyoko Hospital Stroke center

Pe-052-3 High dietary glyceic load is associated with poor functional outcome in acute stroke patients

Yoonkyung Chang

Ewha Womans University Mokdong Hospital, Korea

Pe-052-4 Topographic Classification of pontine infarction association with risk factors and prognosis

Zhou Lixin

Peking Union Medical College Hospital, China / Peking Union Medical College and Chinese Academy of Medical Sciences, China

Pe-052-5 Antithrombotic Agents on Adverse and Outcome Events after First-ever Acute Ischemic Stroke in Taiwan

Hsiu-min Chen

Division of Cerebrovascular Diseases, Department of Neurology, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan

Cerebrovascular disease (Cerebral Microangiopathy)

Chair : Hiroo Yoshikawa

Division of Neurology, Department of Internal Medicine, Hyogo College of Medicine

Commentator : Eisuke Furui

Department of Stroke Neurology, Saiseikai Toyama Hospital

Pe-053-1 RNF213 p.R4859K variant is associated with intracranial arterial stenosis in CADASIL

Akiko Watanabe-hosomi

Fukuchiyama city hospital / Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan

Pe-053-2 Characteristics of five CADASIL patients including two patients with novel NOTCH3 mutations

Misako Kunii

Department of Neurology and Stroke Medicine, Yokohama City University

Pe-053-3 RNF213 p.R4810K variant as a risk factor for non-cardioembolic stroke in a Japanese population

Shuhei Okazaki

Department of Neurology, National Cerebral and Cardiovascular Center / Department of Neurology, Osaka University Graduate School of Medicine

Pe-053-4 Arterial stiffness is Associated with Enlarged Perivascular Space in Basal Ganglia

Kwang-yeol Park

Chung-Ang University, Korea

Pe-053-5 Hemorrhagic stroke mortality in Ulaanbaatar and solar activity

Otgonbayar Luvsannorov

Mongolian National University of Medical Sciences, Mongolia / Mongolian Neurology Society, Mongolia

Pe-053-6 Long-term risk of stroke in patients with heart failure: a nationwide retrospective cohort study

Chien-chang Liao

Taipei Medical University Hospital, Taiwan

Dementia (Clinical research)

Chair : Takeo Kato
Yamagata University

Commentator : Hirokazu Furuya
Department of Neurology, Kochi Medical School, Kochi University

Pe-054-1 Preoperative thalamic volume predicts shunt response in idiopathic normal pressure hydrocephalus

Shigenori Kanno

Department of Neurology, South Miyagi Medical Center / Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University Graduate School of Medicine

Pe-054-2 Identification and Functional Characterization of Novel CSFIR Mutations in Patients with ALSP

Takeshi Miura

Department of Molecular Genetics, Brain Research Institute, Niigata University / Department of Neurology, Brain Research Institute, Niigata University

Pe-054-3 In vivo tau deposition and occipital pathophysiological abnormalities in dementia with Lewy bodies

Tomoyasu Bunai

Department of Biofunctional Imaging, Preeminent Medical Photonics Education & Research Center, Hamamatsu University School of Medicine

Pe-054-4 Effect and tolerability of VR-based training program on cognitive function in patients with MCI

Jong-hwan Park

Health Behaviors & Disease Prevention Research Group, Institute of Convergence Bio-Health, Dong-A University, Korea

Pe-054-5 Cognitive effect of repetitive transcranial magnetic stimulation with cognitive training in dementia

Ae Young Lee

Department of Neurology, Chungnam National University Hospital, Korea

Pe-054-6 Driving ability in the elderly over the age of 60 associated with cognitive status

Juyoun Lee

Department of neurology, Chungnam National University Hospital, Korea

Parkinsonism and Related disorders (MRI2)

Chair : Asako Yoritaka

Juntendo University Koshigaya Hospital

Commentator : Shigeru Nogawa

Department of Neurology, Tokai University Hachioji Hospital

Pe-055-1 Research to clarify effect of memantine for mild cognitive impairment in PD: A functional MRI study

Shoji Kawashima

Department of Neurology, Nagoya City University

Pe-055-2 Superior cerebellar peduncles atrophy of PSP on PADRE; comparison with idiopathic PD

Mari Miyata

Department of Radiology, University of Occupational and Environmental Health

Pe-055-3 Progressive supranuclear palsy has idiopathic normal pressure hydrocephalus like MRI features

Masahiro Ohara

Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University

Pe-055-4 Motor and non-motor symptoms of a 7.5-year prospective study of patients with Parkinson's disease

Asako Yoritaka

Department of Neurology, Juntendo University Koshigaya Hospital / Department of Neurology, Juntendo University School of Medicine

Pe-055-5 Greater motor progression in patients with Parkinson disease who carry Park 16 variant

Xiao Deng

Department of Neurology, National Neuroscience Institute, Singapore, 169608, Singapore / Department of Neurology, The First Affiliated Hospital, Guangxi Medical University, Nanning, 530021, China

Dementia (Basic research3)

Chair : Kenji Ishii

Team for Neuroimaging Research, Tokyo Metropolitan Institute of Gerontology

Commentator : Toru Yamashita

Department of Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences

Pe-056-1 Effectiveness of galantamine treatment in normal cognition phase of APP^{swe}/PS1^{ΔE9} mice

Taro Saito

Department of Neurology, School of Medicine, Sapporo Medical University

Pe-056-2 Enhancement of the autophagy-lysosomal pathway modulates the process of beta-amyloid generation
Fumiko Yamamoto
National Institute of Neuroscience, NCNP / Department of Neurology, University of Tsukuba

Pe-056-3 Rat Bone Marrow-derived MSC Improve Oxidative Stress in Alzheimer's Disease Mouse Model
Kazuki Yokokawa
Department of Neurology, School of Medicine, Sapporo Medical University

Pe-056-4 Donepezil reduces oligomeric tau
Hirohito Sasaki
Department of Neurology, Faculty of Medical Sciences, University of Fukui

Pe-056-5 A novel gene therapy using astrocytes and microglia in Alzheimer's disease models
Satoru Tada
Tanaka naika clinic / INSERM U1169 / Molecular Imaging Research Center CEA / Department of Neurology, Osaka University Graduate School of Medicine

Pe-056-6 The injury of glutamatergic projection from postrhinal to orbitofrontal cortex in early stage of AD
Lin Zhu
ZhongDaHospital, School of Medicine, Southeast University, China

Pe-056-7 Propionic acid effect on rat behavior and brain structure
Giorgi Lobzhanidze
Iliia State University, Georgia

Pe-057 English Poster Session

En

May 26 (Sat) 13 : 15 ~ 14 : 45

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

Parkinsonism and Related disorders (Rehabilitation)

Chair : Hiroshi Nagayama
Department of Neurological Science, Graduate School of Medicine, Nippon Medical School, Tokyo, Japan

Commentator : Masahiko Tomiyama
Department of Neurology, Aomori Prefectural Central Hospital

Pe-057-1 Occipital hypometabolism determined by FDG PET is less prominent in RBD than Parkinson's disease
Kenichi Kashihara
Department of Neurology, Okayama Kyokuto Hospital

Pe-057-2 Finger tapping impairment in REM sleep behavior disorder
Gohei Yamada
Department of Neurology, Nagoya City University Graduate School of Medical Sciences

Pe-057-3 Turnover movements evaluated by a wearable accelerometer between stroke and Parkinson's disease
Keita Tanaka
Department of Neurology, St Marianna University School of Medicine

Pe-057-4 Effects of Lee Silverman Voice Treatment (LSVT® Loud) on Patients with Advanced-stage Parkinsonism

Sonoko Nozaki

Kansai Rosai Hospital, Department of Neurology

Pe-057-5 The effectiveness of boxing training on elderly patients including Parkinson's disease patients

Noriko Kawashima

Kawashima Neurology Clinic

Pe-057-6 Levodopa-induced motor complications on quality of life in Parkinson's disease patients in Singapore

Jonathan Wu

Duke-NUS Graduate Medical School, Singapore

Pe-058 English Poster Session

En

May 26 (Sat) 13:15 ~ 14:45

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

Motor Neuron Disease (Genetics and physiology)

Chair : Hiroyuki Ishiura

Department of Neurology, The University of Tokyo

Commentator : Hirofumi Maruyama

Department of Neuroscience and Therapeutics, Hiroshima University

Pe-058-1 Analyses of copy number variations in SMN1, SMN2 and NAIP genes in ALS patients using exome data

Masaki Tanaka

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

Pe-058-2 Clinical importance of peripheral nerve excitability parameters in amyotrophic lateral sclerosis

Yukiko Tsuji

Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine

Pe-058-3 Preclinical biomarker changes in spinal and bulbar muscular atrophy

Yasuhiro Hijikata

Department of Neurology, Nagoya University Graduate School of Medicine

Pe-058-4 Pathophysiology of cold paresis in spinal and bulbar muscular atrophy

Shinichiro Yamada

Department of Neurology, Nagoya University Graduate School of Medicine

Pe-058-5 A novel transgenic mouse expressing neuron-specific Cre and tagged ribosomal protein

Tetsuyuki Hirayama

Dept. of Neurology, Nagoya Univ.

Pe-058-6 Screening of T1A1 mutations in Chinese amyotrophic lateral sclerosis patients

Kang Zhang

Peking Union Medical College Hospital, China

Pe-059 English Poster Session

En

May 26 (Sat) 13:15 ~ 14:45

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

Parkinsonism and Related disorders (Basic research2)

Chair : Hideyuki Sawada

Utano National Hospital

Commentator : Kei Fukada

Osaka General Medical Center

Pe-059-1 Role of flotillin-1 in alpha-synuclein endocytosis: relevance to dopamine transporter regulation

Junpei Kobayashi

Division of Neurology, Department of Neuroscience and Sensory Organs, Tohoku University Graduate School of Medicine

Pe-059-2 Intracerebral infiltration of immune cells in 6-OHDA-induced Parkinson's disease model rat

Syuuichirou Suzuki

Department of Neurology, School of Medicine, Sapporo Medical University

Pe-059-3 Selegiline increases the on time without exacerbation of L-Dopa-induced dyskinesia in rats

Hiroko Tsunekawa

Department of Scientific Research, Fujimoto Pharmaceutical Corporation

Pe-059-4 A53T mutant alpha-synuclein BAC transgenic mice as a novel model for Parkinson disease

Tomoyuki Taguchi

Department of Neurology, Kyoto University Graduate School of Medicine

Pe-059-5 Establishment of alpha-synuclein transgenic Drosophila model by site-specific transgenesis

Ryusuke Sakai

Department of Neurology, Osaka University Graduate School of Medicine / Department of Neurotherapeutics, Osaka University Graduate School of Medicine

Pe-059-6 Rolipram, a PDE-IV inhibitor protects against experimental Parkinsonism in mice

Nitin Kumar

Vivekananda Global University, India

Neuroimmunology (MS and clinical research1)

Chair : Ryo Yamasaki

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

Commentator : Kazumasa Yokoyama

Department of Neurology of Juntendo University

Pe-060-1 Influence of fingolimod on T/B cell subsets in the peripheral blood of multiple sclerosis patients

Akihiro Kubota

Saitama Medical Center, Saitama Mediacal University

Pe-060-2 Combined immunotherapy for progressive MS:correlation with disease and immunological activity

Youwei Lin

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

Pe-060-3 Transient eosinophilia following initiation of dimethyl fumarate in multiple sclerosis

Fumihiro Yanagimura

Department of Neurology, Brain Research Institute, Niigata University

Pe-060-4 Disease-modify therapy for patients of CNS idiopathic inflammatory demyelinating disease

Jen Jen Su

National Taiwan University hospital, Taiwan

Pe-060-5 withdrawn**Myopathy (DMD/BMD2)**

Chair : Yasushi Oya

Dept of Neurology, Natl Center of Neurology & Psychiatry

Commentator : Yutaka Ohsawa

Kawasaki Medical School

Pe-061-1 Psychiatric problems in patients with Becker muscular dystrophy

Madoka Mori-yoshimura

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

Pe-061-2 Angiogenesis biomarker of neuromuscular disorders

Toshio Saito

Department of Neurology, Toneyama National Hospital

Pe-061-3 Leg muscle involvement in myotonic dystrophy type 1 (DM1)

Yasushi Oya

Dept of Neurology, National Center Hosp of Neurol & Psychiatr, NCNP, Japan

Pe-061-4 The relationships between genotypes, myopathological changes and phenotypes of dystrophinopathy

Wenzhu Li

Department of Rehabilitation Medicine, Peking University First Hospital, China

Pe-061-5 A comprehensive database of DMD BMD patients in Children's Hospital of Fudan University

Xihua Li

Department of Neurology, Children's Hospital of Fudan University, China

Pe-062 English Poster Session

En

May 26 (Sat) 13:15 ~ 14:45

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

Peripheral neuropathy (Clinical research)

Chair : Kazuma Sugie

Nara Medical University

Commentator : Mutsumi Iijima

Department of Neurology, Tokyo Women's Medical University

Pe-062-1 Effect of nutrition support on prevention of peroneal neuropathy in cancer patients

Hiroyuki Fukuda

Division of Neurology, Shizuoka Cancer Center Hospital

Pe-062-2 Peripheral neuropathy in neuronal intranuclear inclusion disease

Tomoko Okamoto

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

Pe-062-3 Study for association between glycemic variability and diabetic neuropathy assessed by NCS

Miho Akaza

Biofunctional informatics and Biomedical Laboratory Science, Graduate School of Health Care Sciences, Tokyo Medical and Dental University

Pe-062-4 Clinicopathological study of neuropathy associated with IgA vasculitis (Henoch-Schönlein purpura)

Kazuma Sugie

Department of Neurology, Nara Medical University School of Medicine

Pe-062-5 The diversity of peripheral neuropathies in Eosinophilic granulomatosis with polyangiitis

Makoto Samukawa

Department of Neurology, Kindai University Faculty of Medicine

Pe-062-6 Low level laser therapy on patients with fibromyalgia: A systematic review and meta-analysis

Shu-Wei Yeh

Taipei Medical University, Taiwan

Pe-063 English Poster Session

En

May 26 (Sat) 13:15 ~ 14:45

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

Headache (Clinical research)

Chair : Akihiko Ozaki

Department of Neurology, Osaka Saiseikai Nakatsu Hospital

Commentator : Mamoru Shibata

Department of Neurology, Keio University School of Medicine

Pe-063-1 Differences of resting-state functional connectivity between cluster headache and episodic migraine

Noboru Imai

Department of Neurology, Japanese Red Cross Shizuoka Hospital, Shizuoka

Pe-063-2 The association of sleep questionnaire survey and the migraine in young people

Kazumasa Saigoh

Department of Neurology, Faculty of Medicine, Kindai University / Department of Life Science, Faculty of Science and Engineering, Kindai University

Pe-063-3 Typical and atypical clinical features of headache caused by spontaneous intracranial hypotension

Sung-ju Hsueh

Department of Neurology, National Taiwan University Hospital, Taiwan

Pe-063-4 Prevalence and clinical characteristics of chronic headache in Mongolia

Selenge Enkhtuya

Mongolian National University of Medical Sciences, Mongolia

Pe-064 English Poster Session

En

May 26 (Sat) 13:15 ~ 14:45

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

Motor Neuron Disease (Genetics)

Chair : Hiroshi Doi

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

Commentator : Makito Hirano

Kindai University Faculty of Medicine

Pe-064-1 TARDBP mutations and ALS-related splicing factors that cause disturbances in TDP-43 autoregulation

Akihiro Sugai

Department of Neurology, Clinical Neuroscience Branch, Brain Research Institute, Niigata University

Pe-064-2 The alternative splicing of TARDBP mRNA is affected by the DNA methylation status of TARDBP gene

Yuka Koike

Department of Neurology, Brain Research Institute, Niigata University

Pe-064-3 Frequency and characteristics of the TBK1 gene variants in Japanese patients with sporadic ALS

Genki Tohnai

Nagoya University

Pe-064-4 The decrease of copy number of SMN2 gene in progressive muscular atrophy

Tomohiko Ishihara

Brain Research Institute- Niigata University, Neurology, Niigata, Japan / Brain Research Institute- Niigata University, Molecular Neuroscience, Niigata, Japan

Pe-064-5 Generating new ALS model mice replicating TDP-43 proteinopathy

Ryota Hikiami

Department of Neurology, Shiga University of Medical Science / Department of Neurology, Kyoto University Graduate School of Medicine

Pe-064-6 Proteomic analysis of exosomes derived from cerebrospinal fluid of amyotrophic lateral sclerosis

Noriko Hayashi

Department of Neurology and Stroke Medicine, Yokohama City University

Pe-065 English Poster Session

En

May 26 (Sat) 13:15 ~ 14:45

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

Miscellaneous

Chair : Kimihito Arai

Neurology, Chiba-East Hospital

Commentator : Yasuhisa Baba

Teikyo University Hospital, Mizonokuchi

Pe-065-1 Therapeutic application of high-frequency rTMS for myalgic encephalomyelitis: A case series study

Wataru Kakuda

Department of Rehabilitation Medicine, School of Medicine, International University of Health and Welfare

Pe-065-2 Primary central nervous system lymphoma with systemic metastasis
Shuichi Tonomura

Department of Neurology, Nara city hospital

Pe-065-3 Clinical features of two cases of intravascular lymphoma manifesting as neurologic disease

Yuko Takahashi

Department of Neurology, Yokosuka Kyosai Hospital

Pe-065-4 Adverse effects of HPV Vaccination: Autonomic, Electroencephalographic, and Radioisotopic Studies
Toshiaki Hirai
Department of Neurology, Mizonokuchi Hospital, Teikyo University School of Medicine

Pe-065-5 Assessment of formulas for decreased brain volume
Takahiro Nakayama
Department of Neurology, Yokohama Rosai Hospital

Pe-065-6 Clinical analysis 25 patient with paraneoplastic neurological syndromes
Feng Jun Mei
Department of Neurology, the fourth Hospital of HeBei Medical University, ShiJiaZhuang, China

Pe-065-7 Painful Tonic Spasm : An Unusual Manifestation of Thoracic Herniated Intervertebral Disc Myelopathy
Hsiu C. Chen
Taipei medical university, wanfang hospital, Taiwan

Pe-066 English Poster Session

En

May 26 (Sat) 13 : 15 ~ 14 : 45

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

Myopathy (Basic research)

Chair : Masanori Takahashi
Department of Functional Diagnostic Science, Osaka University Graduate School of Medicine

Commentator : Ken-ya Murata
Center for educational reseach and development

Pe-066-1 Similarity of pathological features between patients with VCPDM and mice injected with AAV vectors
Kentaro Hara
Department of Neurology, Kumamoto University

Pe-066-2 Nicotinamide protects C2C12 cells against streptolysin O toxicity
Naotoshi Iwahara
Department of Pharmacology, Sapporo Medical University / Department of Neurology, Sapporo Medical University

Pe-066-3 Aberrant interleukin-6 signaling in myotonic dystrophy
Masayuki Nakamori
Dept. of Neurology, Osaka University Graduate School of Medicine

Pe-066-4 Muscleblin-like protein 2 Splicing patterns in the brain of Myotonic Dystrophy Type 1
Masamitsu Nishi
Department of Internal Medicine, Division of Neurology, Hyogo College of Medicine

Pe-066-5 The relationship between myofiber necrosis and CD59 levels in immune mediated necrotizing myopathy
Ziwei Zhang
Department of neurology, Kumamoto University

Pe-066-6 Analysis of genetic background for sporadic periodic paralysis in Japanese
Masanori Takahashi
Department of Functional Diagnostic Science, Osaka University Graduate School of Medicine

Pe-067 English Poster Session

En

May 26 (Sat) 13:15 ~ 14:45

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

Neurophysiology (Basic research)

Chair : Yoshimitsu Shimatani
Tokushima Prefectural Central Hospital

Commentator : Tomoya Kubota
Department of functional diagnostic science, Osaka university
graduate school of medicine

Pe-067-1 Characterization of persistent Na⁺ current in motor and sensory axons at different target levels
Yoshimitsu Shimatani
Tokushima prefectural central hospital / Brain and Mind centre, The University of Sydney

Pe-067-2 Inter-muscular injection method of m. triangularis sterni : A new ex vivo evaluation of mouse NMJ
Masahiko Kishi
Division of Neurology, Department of Internal Medicine, Sakura Medical Center, Toho University

Pe-067-3 Nav channel binder containing a specific conjugation-site based on a low toxic beta scorpion toxin
Tomoya Kubota
Department of Functional Diagnostic Science, Osaka University Graduate School of Medicine
/ Department of Neurology, Osaka University Graduate School of Medicine / Department of Biochemistry and Molecular Biology, The University of Chicago, Gordon Center for Integrative Science

Pe-067-4 Effects of cerebellar rTMS on vestibular neural activity
Ken Johkura
Department of Neurology, Yokohama Brain and Spine Center

Pe-067-5 Vestibular evoked myogenic potential (VEMP) study of progressive supranuclear palsy
Tadashi Tsukamoto
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry

Pe-067-6 Association of polymorphism rs934945 gene PER2 with sleep disorders in the male population
Eldar Krymov
Institute of Cytology and Genetics, Russia / Institute of Internal and Preventive Medicine, Russia