

Cerebrovascular disease (clinical research12)

Chair : Yasuhiro Hasegawa

Dep of Neurology, St Marianna University School of Medicine

Commentator : Yoichiro Hashimoto

Department of Neurology, Kumamoto City Hospital

Pe-063-1 A Comparison of Brain Death Criteria between China and the United States

Zeyu Ding

Beijing Tian Tan Hospital, Capital Medical University, China

Pe-063-2 Quantitative EEG is Correlated with Midline Shift in Patients with Large Hemispheric Infarction

Zhe Zhang

Department of Neurology, Beijing Tiantan Hospital, Capital Medical University, China

Pe-063-3 Artery of Percheron Infarction

Salvador S. Sorrilla

The Doctors' Hospital Incorporated Bacolod City, Philippines

Pe-063-4 Outcome measures in stroke via telestroke is feasible

Kenji Isahaya

Department of Neurology, St. Marianna University School of Medicine, Japan

Pe-063-5 Shoulder Positioning In Acute Stroke:
Effect on Spasticity and Range of Motion-A Pilot Study

Richelle Ann S. Santiano

University of Santo Tomas Hospital, Philippines

Pe-064 English Poster Session 064

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Cerebrovascular disease (clinical research13)

Chair : Yutaka Suzuki

Internal Medicine, Nihon University Hospital

Commentator : Nobuyuki Ohara

Department of Neurology, Kobe City Medical Center General Hospital

Pe-064-1 The impact of regular employments on hyper-acute ischemic stroke

Takeo Sato

Department of Neurology, the Jikei University School of Medicine, Tokyo, Japan

Pe-064-2 Factors related to acute brain swelling after successful recanalization with mechanical thrombectomy

Yuki Hamada

St. Marianna University Toyoko Hospital, Stroke center, Japan

Pe-064-3 Early detection for intracranial atherosclerosis in acute thrombectomy

Satoru Fujiwara

Kobe City Medical Center General Hospital, Department of Neurology, Japan

Pe-064-4 Clinical and neuroradiological study of 3 patients with intravascular lymphoma (IVL)

Ryo Iwase

Department of Neurology, Yokosuka Kyosai Hospital, Kanagawa, Japan / Department of Neurology and Neurological Science, Graduate School, Tokyo Medical and Dental University, Tokyo, Japan

Dementia (pathophysiology)Chair : Yuko Saito
NCNPCommentator : Kenichiro Yamashita
Department of Clinical Neurophysiology, Graduate School of
Medical Sciences, Kyushu University**Pe-065-1 Relationships between serum Cystatin C and white matter hyperintensities volume in amnesic MCI**

Kentaro Hirao

Department of Geriatric medicine, Tokyo Medical University Hospital, Japan

Pe-065-2 Hippocampal mossy fiber pathway is markedly impaired in frontotemporal lobar degeneration

Yuichi Riku

Laboratory of Neuropathology, Pitié-Salpêtrière Hospital, Paris, France / Department of
Neurology, Nagoya University, Japan / Institute for Medical Science of Aging, Aichi Medical
University, Japan**Pe-065-3 Default Mode Network Dysfunction Relates to Memory Deficit in Oldest Old Alzheimers Disease**

Pukovisa Prawiroharjo

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu
University, Fukuoka, Japan / Department of Neurology Universitas Indonesia, Indonesia**Pe-065-4 Alzheimer's disease pathology in Nasu-Hakola disease brains**

Jun-ichi Satoh

Bioinformatics, Meiji Pharmaceutical University, Japan

Pe-065-5 Two cases of neuronal intranuclear inclusion disease preceded by urinary disturbance for many years

Masataka Nakamura

Kansai Medical University Hospital, Department of Neurology, Japan / Kansai Medical
University Medical Center, Department of Neurology, Japan**Dementia (Basic research3)**

Chair : Jun Kawamata

Department of Neurology, Kitasato University School of Medicine

Commentator : Atsushi Iwata

The University of Tokyo Hospital Department of Neurology

Pe-066-1 Rat Bone Marrow-derived MSCs Attenuate Oxidative Stress and Neuroinflammation in APP/PS1 mice

Kazuki Yokokawa

Department of Neurology, School of Medicine, Sapporo Medical University, Japan

Pe-066-2 Effectiveness of galantamine treatment in normal cognition phase of APP^{swe}/PS1^{dE9} mice

Taro Saito

Department of Neurology, School of Medicine, Sapporo Medical University, Japan

Pe-066-3 Exploration of blood DNA methylation signatures for practical diagnosis of Alzheimer's disease

Kenichiro Sato

Department of Neurology, the University of Tokyo, Japan

Pe-066-4 Generation of Alzheimer's disease animal models using an RNA-guided base editing technology

Hiroki Sasaguri

Laboratory for Proteolytic Neuroscience, RIKEN Center for Brain Science, Japan / Department of Neurology and Neurological Science, Graduate School of Medicine, Tokyo Medical and Dental University, Japan

Pe-066-5 Donepezil reduces oligomeric tau

Hirohito Sasaki

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

Pe-067 English Poster Session 067

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Parkinsonism and Related disorders (Genetics)

Chair : Yaeko Ichikawa

Department of Neurology, Kyorin University

Commentator : Manabu Funayama

Research Institute of Disease of Old Age, Graduate School of Medicine, Juntendo University

Pe-067-1 Reverse phenotyping of 64 cases of genetically confirmed combined/complex dystonia

Toshitaka Kawarai

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

Pe-067-2 Whole exome sequencing in a young-onset dystonia in Korean: What do we learn?

Jinyoung Youn

Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea

Pe-067-3 Comprehensive study of LRRK2 mutations in familial Parkinson's disease in Japan

Hiroyo Yoshino

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

Pe-067-4 Nigral degeneration without pathological protein aggregations in genetic Parkinson's diseases

Masashi Takanashi

Department of Neurology Juntendo Koshigaya Hospital, Japan

Pe-067-5 Clinicogenetic study on mono-allelic and bi-allelic mutation of PLA2G6 in Parkinson's disease
Manabu Funayama
Research Institute for Diseases of Old Age, Graduate School of Medicine, Juntendo University, Japan / Laboratory of Genomic Medicine, Center for genomic and Regenerative Medicine, Graduate School of Medicine, Juntendo University, Japan / Department of Neurology, Juntendo University School of Medicine, Japan

Pe-067-6 Genotype-phenotype correlation of LRP10 mutations among familial Parkinson's disease
Kensuke Daida
Department of Neurology, Juntendo University School of Medicine, Japan

Pe-068 English Poster Session 068

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Parkinsonism and Related disorders (Basic research4)

Chair : Takayuki Kondo
CIRA

Commentator : Naoto Sugeno
Department of Neurology, Tohoku University School of Medicine

Pe-068-1 Deletion of GBA2 in neuronopathic Gaucher's disease medaka could not rescue the phenotype
Etsuro Nakanishi
Department of Neurology, Graduate School of Medicine, Kyoto University, Japan

Pe-068-2 Comprehensive screening of the cell surface receptor for alpha-synuclein fibrils
Junpei Kobayashi
Division of Neurology, Tohoku University School of Medicine, Japan

Pe-068-3 Analysis of familial Parkinson's disease-patient derived dopaminergic neurons
Hidefumi Suzuki
Department of Neurology, Kyoto University Graduate School of Medicine, Japan / RIKEN BioResource Research Center, Japan / Center for iPS cell Research and Application, Kyoto University, Japan

Pe-068-4 Transcriptome modification of transcranial direct current stimulation in transgenic PD mouse model
Wooyoung Jang
Gangneung Asan hospital, University of Ulsan, Korea

Parkinsonism and Related disorders (Basic research5)

Chair : Yoshitaka Nagai

Department of Neurotherapeutics, Osaka University Graduate School of Medicine

Commentator : Hiroshi Nagayama

Department of Neurological Science, Graduate School of Medicine, Nippon Medical School

Pe-069-1 Role of cinnamaldehyde against oxidative stress in a rat model of Huntington's disease

Sanjay Kumar

Vivekananda Global University, India

Pe-069-2 Detection of genetic modifiers in parkin

Kotaro Ogaki

Department of Neurology, Juntendo University School of Medicine, Tokyo, Japan

Pe-069-3 Detection of amyloid fibrils in Lewy body of the autopsy brain using microbeam X-ray diffraction

Katsuya Araki

Neurology, Toyonaka Municipal Hospital, Japan / Department of Neurology, Osaka University Graduate School of Medicine, Japan

Pe-069-4 Age and alpha-synuclein dependent degeneration of dopamine neurons in the annual killifish

Hideaki Matsui

Department of Neuroscience of Disease, Center for Transdisciplinary Research, Japan / Brain Research Institute, Niigata University, Japan

Pe-069-5 E46K a-synuclein mutation gains resistance to degradation, leading to enhanced toxicity in PD flies

Ryusuke Sakai

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

Motor Neuron Disease (Clinical research8)

Chair : Maya Mimuro

Institute for Medical Science of Aging, Aichi Medical University

Commentator : Yuishin Izumi

Department of Neurology, Tokushima University Hospital

Pe-070-1 Elevation of serum creatine kinase before the disease onset of amyotrophic lateral sclerosis

Daisuke Ito

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

Pe-070-2 Diagnostic Performance of Neurofilaments in early Amyotrophic Lateral Sclerosis Patients**Da-wei Li**

Capital Medical University, Beijing, China / Peking Union Medical College Hospital, Chinese Academy of Medical Sciences, Beijing, China

Pe-070-3 Application of muscle ultrasound and updated Awaji criteria for detection of early-stage ALS**Hiroki Yamazaki**

Department of Neurology, Tokushima University Hospital, Japan

Pe-070-4 Identification of miRNAs characteristic to ALS patients in the southern part of the Kii Peninsula**Yuya Arakawa**

Kansai University of Health Sciences, Japan

Pe-070-5 Semantic deficits related to right fusiform and lingual gyrus network involvements in ALS**Aya Ogura**

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

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Neuroimmunology (NMO and Clinical research3)

Chair : Ichiro Nakashima

Department of Neurology, Tohoku Medical and Pharmaceutical University

Commentator : Izumi Kawachi

Dept. of Neurology, Brain Research Institute, Niigata University

Pe-071-1 Validation of MFIS and the relationships among fatigue, pain and serum IL-6 levels in NMO patients**Hiroki Masuda**

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

Pe-071-2 Neuromyelitis optica spectrum disorder coincident with renal clear cell carcinoma: a case report**Haiqiang Jin**

Peking University First Hospital, China

Pe-071-3 Serum albumin level is associated with the severity of neurological dysfunction of NMO patients**Xiaoying Yao**

Department of Neurology, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China

Pe-071-4 A Variety of Myelin Oligodendrocyte Glycoprotein Antibody Positive Central Nervous System Disorders**Tai Otani**

Department of Neurology, Yokosuka Kyosai Hospital, Japan / Department of Neurology and Neurological Science, Graduate School, Tokyo Medical and Dental University, Japan

Pe-071-5 Clinical and radiologic features of first attacks of NMOSD with area postrema syndrome

Yuzo Fujino

Department of Neurology, Matsushita Memorial Hospital, Japan

Pe-071-6 Neuroaxonal changes with increased the ion channel TRPM4 in the optic nerves and brain of NMO and MS

Izumi Kawachi

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

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Neuroimmunology (Basic research3)

Chair : Katsuichi Miyamoto

Department of Neurology, Kindai University School of Medicine

Commentator : Masahiro Mori

Department of Neurology, Graduate School of Medicine, Chiba University

Pe-072-1 Goreisan ameliorates experimental autoimmune encephalomyelitis

Rino Ueno

Department of Neurology, Kindai University School of Medicine, Japan

Pe-072-2 GO-SHA-JINKI-GAN (GJG) Palliates Symptoms of EAE Mice by suppressing p38-TNF Signaling

Shiying Jiang

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

Pe-072-3 Modulation of EAE by oral administration of Mycobacterium avium paratuberculosis or BCG vaccination

Davide Cossu

Department of Neurology, Juntendo University School of Medicine, Tokyo, Japan / Advanced Research Institute for Health Science, Juntendo University School of Medicine, Tokyo, Japan

Pe-072-4 Short-chain fatty acids suppress demyelination and enhance remyelination

Daisuke Noto

Department of Immunology, Juntendo University School of Medicine, Japan

Pe-072-5 Deacetylase SIRT1 and SIRT2 regulate cytoskeleton-related molecules in oligodendrocyte cell lines

Shin Hisahara

Dept. Neurol., Sapporo Medical University, Japan

Myopathy (pathophysiology)

Chair : Katsuhisa Ogata

Department of Neurology, National Hospital Organization Higashisaitama
National Hospital

Commentator : Fumiaki Saito

Teikyo University, Department of Neurology

Pe-073-1 Changes in matrix metalloprotease during muscle atrophy and reloading in the mouse disuse model

Hiroki Hagiwara

Department of Neurology, Teikyo University School of Medicine, Japan / Department of
Medical Science, Teikyo University of Science, Japan

Pe-073-2 Effect of IgG from inflammatory myopathy patients on human muscle microvascular endothelial cell

Masaya Honda

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

Pe-073-3 SIRT1 reduces muscle injury via promoting muscle membrane repair

Naotoshi Iwahara

Department of Neurology, Sapporo Medical University, Japan

Pe-073-4 Regulation of surface CLC-1 chloride channel stability by FKBP8

Ssu-ju Fu

Graduate Institute of Physiology, National Taiwan University, Taiwan

Pe-073-5 Jellyfish Envenomation Presenting as General Muscle Spasms in an Adult Male in Batangas, Philippines

Alexandria E. Matic

St Luke's Medical Center Quezon City, Philippines

Pe-073-6 Serum protein derived from skeletal muscle is a candidate biomarker for neuromuscular communication

Shuuichi Mori

Tokyo Metropolitan Institute of Gerontology, Department of Geriatric Medicine, Japan

Myopathy (Myotonic dystrophy2)

Chair : Takashi Kimura

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

Commentator : Naoko Matsui

Department of Neurology, Tokushima University Hospital

Pe-074-1 Myotonic discharges in needle electromyography in proximal muscles in myotonic dystrophy type 1

Yusuke Sugiyama

Neurology, University of Tokyo, Japan

Pe-074-2 Quantitative analysis of muscle bundles of patients with myotonic dystrophy type 1 (DMI)

Takahiro Nakayama

Department of Neurology, Division of Neuromuscular Diseases, Yokohama Rosai Hospital, Japan

Pe-074-3 Chilaiditi syndrome and radiological sign in myotonic dystrophy type 1

Shinei Kato

Department of Neurology and Geriatrics, Gifu University Graduate School of Medicine, Japan

Pe-074-4 Differences in splicing defects between cortex and white matter of Myotonic Dystrophy Type 1 brain

Masamitsu Nishi

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

Peripheral neuropathy (Miscellaneous3)

Chair : Hiroo Yoshikawa

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

Commentator : Isao Hozumi

Medical Therapeutics and Molecular Therapeutics

Pe-075-1 Homozygous splice-site mutation c.78+5 G>A in PMP22 causes congenital hypomyelinating neuropathy

Rui Wu

Peking University First Hospital, China

Pe-075-2 withdrawn**Pe-075-3 Pharmacokinetics and pharmacodynamics of patisiran in Japanese healthy volunteers and patients**

Xiaoping Zhang

Alnylam Pharmaceuticals Inc., USA

Pe-075-4 Amyloidogenicity of E61K TTR associated with TTR amyloid neuropathy

Tatsufumi Murakami

Department of Neurology, Kawasaki Medical School, Japan

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Headache (Clinical research2)

Chair : Nobuo Araki

Department of Neurology, Saitama Medical University

Commentator : Hisanori Kowa

NHO Matsue Medical Center

Pe-076-1 Vascular studies in middle-aged migraineurs without cardiovascular risk factors

Ken Ikeda

Department of Neurology, Toho University Omari Medical Center, Japan

Pe-076-2 Migraine with cranial autonomic symptoms of 373 patients treated at a headache center in Japan

Daisuke Danno

Headache Center, Department of Neurology, Tominaga Hospital, Japan

Pe-076-3 The comparative efficacy of sphenopalatinum ganglion blockes in treatment of chronic migraine

Dmytro D. Sotnikov

Sumy State University, Ukraine

Pe-076-4 Does nonlinear analysis EEG decipher the nociplastic pain mechanism of tension-type headache?

Kostiantyn Stepanchenko

Department of Neurology and Child Neurology, Kharkiv Medical Academy of Postgraduate Education, Ukraine

Pe-076-5 Zonisamide suppression effect on CSD in a rat CSD model

Eiji Kitamura

Department of Neurology, Kitasato University School of Medicine, Japan

Pe-076-6 Effect of a non-protein extract of cutaneous tissue from rabbits inoculated with vaccinia virus on photophobia after cortical spreading depression in mice

Satoshi Kitagawa

Department of Neurology, Keio University School of Medicine, Japan

Miscellaneous (Basic research2)

Chair : Sousuke Takeuchi

National Center for Global Health and Medicine, Dept. of Neurology

Commentator : Kazutaka Shiomi

Division of Neurology, University of Miyazaki Hospital

Pe-077-1 Low dose arsenic contaminated drinking water induces peripheral neuropathy in Myanmar

Hitoshi Mochizuki

Division of Neurology, Respiriology, Endocrinology and Metabolism, Department of Internal Medicine, Faculty of Medicine, University of Miyazaki, Japan

Pe-077-2 cancelled

Pe-077-3 withdrawn

Pe-077-4 Clinical Symptoms and Neurological Findings in Residents with Arsenic Exposure in Toroku, Japan

Nobuyuki Ishii

Department of Neurology, University of Miyazaki Hospital, Japan / Division of Neurology, Respiriology, Endocrinology and Metabolism, Department of Internal Medicine, University of Miyazaki, Japan

Pe-077-5 Effect of Arsenic Exposure in Rats: Behavioral and Ultrastructural Changes

Tamar Bikashvili

I.Beritashvili Center of Experimental Biomedicine, Georgia