

**Pe-001 English Poster Session 001****En**

May 20 (Wed) 17:20 ~ 18:40 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Cerebrovascular disease (Pathophysiology)**

Chairs : Yoshiaki Itoh

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

Tomoyuki Ohara

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

**Pe-001-1 The relationship between GLUT5 and oxidative stress in ischemic stroke****Kazo Kanazawa**

Department of Neurology, Juntendo University school of medicine, Japan

**Pe-001-2 Therapeutic value of miR-204-5p in CSF for functional recovery in chronic phase of ischemic stroke****Hai-bin Xu**

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

**Pe-001-3 Dynamic Remodeling of Meningeal Lymphatic Vessels Following Ischemic Stroke****Satoshi Miura**

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

**Pe-001-4 Altered Oligodendrocyte Precursor Cell Phenotypes Under Variable Hypoxia and Cerebral Hypoperfusion****Narufumi Yanagida**

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

- Pe-001-5** Harmine Mitigates Microglial Overactivation After Intracerebral Hemorrhage  
**Chia-hua Yang**  
 Department of Laboratory Medicine and Biotechnology, Tzu Chi University, Hualien, Taiwan /  
 Department of Medical Research, Hualien Tzu Chi Hospital, Hualien, Taiwan, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan
- Pe-001-6** Interferon-beta Attenuates Neuroinflammation and Augments Microglial Erythrophagocytosis After ICH  
**Hsiang-cheng Wang**  
 School of Medicine, Tzu Chi University, Hualien, Taiwan, Taiwan
- Pe-001-7** Mathematical Neurovascular Digital Twin Predicts CSVD Progression Using Exosomal miRNA Signatures  
**Prihantini Prihantini**  
 AI-BioMedicine Research Group, IMCDS-BioMed Research Foundation, Indonesia

**Pe-002 English Poster Session 002**

**En**

May 20 (Wed) 17:20 ~ 18:40 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Dementia (Basic research)**

Chairs : Kengo Uemura

Ishiki Hospital Department of Neurology, Japan

Akira Kuzuya

NHO Utano National Hospital, Japan

- Pe-002-1** Establishing a mouse model for cognitive resilience to Alzheimer's disease  
**Motoki Akahori**  
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-002-2** Cortical neurons derived from NIID iPSCs exhibit neurite abnormalities and splicing defects  
**Akihiro Nishimachi**  
 Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine, Japan
- Pe-002-3** Metabolic Vascular Imaging Burdens and Cognitive Decline in Older Adults with Diabetes  
**Rani Sulvianuri**  
 University of Buenos Aires, Argentina
- Pe-002-4** Pet Ownership and Cognitive Function in Older Adults in the US: A Longitudinal Study  
**Xi Ni**  
 The Chinese University of Hong Kong, Hong Kong SAR, China

**Pe-002-5** **Neuropathology-Validated Artificial Intelligence Model for the Early Diagnosis of Dementia****Daisuke Ono**

Department of Neurosurgery, Mayo Clinic, USA / Department of Neurology and Neurological Science, Institute of Science Tokyo, Japan / School of Statistical Thinking, The Institute of Statistical Mathematics, Japan

**Pe-003 English Poster Session 003****En**

May 20 (Wed) 17:20 ~ 18:40 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Dementia (Clinical study) 3**

Chairs : Noriyuki Matsukawa

Department of Neurology, Nagoya City University, Japan

Renpei Sengoku

Dept. of Neurology, The Jikei University West Medical Center, Japan

**Pe-003-1** **Relationship between Day Service Use and Regular Clinic Attendance in Alzheimer's Disease Dementia****Yasuyuki Honjo**

Kyoto Kaisei Hospital, Japan / Department of Occupational Therapy, Faculty of Health Science, Kyoto Tachibana University, Japan

**Pe-003-2** **Alzheimer's disease with a PSEN1 del440 mutation: a comparison of parent-child autopsies cases****Yutaka Inoue**

Departments of Pathology, Brain Research Institute, Niigata University, Japan

**Pe-003-3** **withdrawn****Pe-003-4** **Neuropathological Correlates of Seizures in Alzheimers Disease and Dementia with Lewy Bodies****Ting Simon Kang Seng**

National Neuroscience Institute Singapore, Singapore / Duke NUS Medical School, Singapore / Singapore General Hospital, Singapore

**Pe-003-5** **Toxic conformer-selective antibodies, 24B3 and TxCo-I, as possible plasma biomarkers for AD****Yasushi Tomidokoro**

Neurology, Institute of Medicine, University of Tsukuba, Japan

**Pe-003-6** **Dementia stigma among business caregivers and delays in seeking medical care for family members****Taki Koda**

Eli Lilly Japan K.K, Japan

**Pe-003-7** **Risk of dementia following retinal vascular occlusions: a cohort study using a global database****Cheng-yang Hsieh**

Department of Neurology, Tainan Sin Lau Hospital, Taiwan, Taiwan

**Parkinson's disease (Basic research) 1**

Chairs : Nobukatsu Sawamoto

Department of Human Health Sciences, Kyoto University Graduate School of  
Medicine, Japan

Shinji Saiki

Department of Neurology, University of Tsukuba, Japan

**Pe-004-1** Multimodal analysis of synuclein fibril structures affected by  
microplastics

Masafumi Ohtsubo

Hamamatsu University School of Medicine, Institute of Photonics Medicine, Biomedical Photonics  
Laboratory, Japan**Pe-004-2** withdrawn**Pe-004-3** Successful Isolation of Four Neural Cell-Derived Extracellular Vesicles  
from Serum

Huizi Gu

Juntendo University, Dalian Medical University, Japan / The Second Affiliated Hospital of Dalian  
Medical University, China**Pe-004-4** withdrawn**Pe-004-5** Tanshinone Analog Provides Neuroprotection in Parkinson's Disease  
via OXPPOS and ECM Pathways

Hui-chen Ku

Taipei Tzu Chi Hospital, Taiwan

**Pe-004-6** withdrawn**Pe-004-7** withdrawn**Parkinson's disease (Clinical study) 2**

Chairs : Takafumi Hasegawa

Dept Neurology, NHO Sendai-Nishitaga Hospital, Japan

Mizuki Ito

Fujita Health University Bantane Hospital, Japan

**Pe-005-1** Patients' characteristics with ON/OFF fluctuations or dyskinesias in  
Parkinson's disease

Yasushi Osaki

Department of Neurology, Kochi Medical School Hospital, Japan

**Pe-005-2** Continuous subcutaneous infusion therapy partially improves  
swallowing in Parkinson's disease

Makito Hirano

Kindai University Faculty of Medicine, Department of Neurology, Japan

**Pe-005-3** Effects of Foslevodopa-Foscarbidopa on Non-Motor Symptoms in Advanced Parkinson's Disease

Kota Igari

Department of Neurology, University of Tsukuba, Japan

**Pe-005-4** Distinct Levodopa PK/PD Response Patterns Across Motor Subdomains in Advanced PD

Takafumi Matsumoto

Department of Neurology, Juntendo University School of Medicine, Japan

**Pe-005-5** Honey Products in Parkinson's Disease - Randomized Placebo-Controlled Double-Blind Pilot Study [Encore Presentation]

Takuyuki Endo

Department of Neurology, Osaka Toneyama Medical Center, Japan / Parkinson's Disease Center, Osaka Toneyama Medical Center, Japan

**Pe-005-6** Deep brain stimulation effects on Parkinson's disease patients with orthostatic hypotension

Dylan S. Samayoa

Juntendo University, Japan

**Pe-005-7** Discontinuation of Parkinsons Diseases Clinical Studies: A Cross-Sectional Analysis

Yousef Radwan Alnomani

Faculty of Medicine, Benha University, Egypt

**Pe-006** English Poster Session 006

En

May 20 (Wed) 17:20 ~ 18:40 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Motor neuron disease (Basic research) 1**

Chairs : Ken-ya Murata

Center for Educational Research and Development, Japan

Shinsuke Ishigaki

Molecular Neuroscience Research Center, Shiga University of Medical Science, Japan

**Pe-006-1** Molecular and neuropathological features associated with a heterozygous DNAJC7 mutation in ALS

Yoshiaki Nakayama

Department of Neurology, Wakayama Medical University, Japan

**Pe-006-2** Association of index-to-ring finger length ratio and axonal excitability

Mario B. Prado Jr.

Chiba University Hospital, Japan / University of the Philippines College of Medicine, Philippines

**Pe-006-3** Antioxidant Effects of Thioredoxin in an Amyotrophic Lateral Sclerosis Mouse Model

Shinichiro Kitao

Division of Radiology, Department of Multidisciplinary Internal Medicine, Faculty of Medicine, Tottori University, Japan

**Pe-006-4** AR PROTAC ARV-110 improves motor dysfunction in a mouse model of spinal and bulbar muscular atrophy

Hiroaki Adachi

University of Occupational and Environmental Health, Japan

**Pe-006-5** Generation of Fus P517L-3UTR4V knock-in mice as a novel FUS-ALS model

Erdenetuya Davaanyam

Department of Neurology, Shiga University of Medical Science, Japan

**Pe-007** English Poster Session 007

En

May 20 (Wed) 17:20 ~ 18:40 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Cerebellar ataxia • Spastic paraplegia (Clinical study) 1**

Chairs : Masaaki Matsushima

Health Care Center, Hokkaido University, Japan

Tomoyuki Ishimoto

Department of Neurology Kyoto University Hospital, Japan

**Pe-007-1** Clinical features and disability milestones of dentatorubral-pallidoluysian atrophy (DRPLA)

Hiroshi Adachi

Department of Neurology, National Hospital Organization Hyogo-Chuo National Hospital, Japan

**Pe-007-2** The role of the hand in eye-hand coordination in hereditary spinocerebellar degeneration

Satomi Inomata-Terada

Department of Medical Physiology, Kyorin University, Japan

**Pe-007-3** Baseline and follow-up assessments of cerebellar mGluR1 availability in SCA6

Kenji Ishibashi

Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan / Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital, Japan

**Pe-007-4** Clinical Characteristics and Diagnostic Challenges in Nine Cases of Superficial Siderosis

Yoshito Take

Department of Neurology and Geriatrics, Kagoshima University Graduate School of Medical and Dental Sciences, Japan

**Pe-007-5** Clinical and Genetic Study of a Pure Type Autosomal Dominant Spastic Paraplegia Family

Haruo Shimazaki

Department of Common Education, Faculty of Health and Medical Care, Saitama Medical University, Japan

**Pe-007-6** Characterization of Clinical, Pathological and Genetic Features in a SCA36 Patient Due to NOP56 Gene

Guiguan Yang

Department of Neurology, Peking University First Hospital, Beijing 100034, China

**Neuroimmunology (MS: Pathophysiology)**

Chairs : Yoko Warabi

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

Yoshiki Takai

Department of neurology, Tohoku University, Japan

**Pe-008-1 Neuronal Primary Cilia and Neurodegeneration in EAE Mice**

Ryosuke Oda

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

**Pe-008-2 Raman Spectroscopy as a Non-Invasive Diagnostic Modality for Multiple Sclerosis**

Shun Aritake

Department of Neurology, Shimane University, Japan

**Pe-008-3 Pathological assessment of nonsense-mediated mRNA decay in the animal model of multiple sclerosis**

Keisuke Mizutani

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan

**Pe-008-4 Lytic EBV Reactivation and Expansion of CD11c<sup>+</sup> Atypical Memory B Cells in Multiple Sclerosis**

Shinji Ashida

Kyoto Prefectural University of Medicine, Japan / National Institutes of Health, USA

**Pe-008-5 Unraveling the Role of Microglia in Multiple Sclerosis through Disease Susceptibility Genes**

Akinobu Hori

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

**Pe-008-6 Deep Learning Prediction of CSF B-Cell Inflammation From Peripheral CD4<sup>+</sup> T Cells in AQP4-NMOSD**

Elfiyany Syafruddin

Computational Science Research Laboratory, Science, Society, Technology Commons, Indonesia

**Neuroimmunology (NMO)**

Chairs : Izumi Kawachi

Dept. of Neurology, BRI, Niigata University, Japan

Takuya Matsushita

Department of Neurology, Kochi Medical School, Kochi University, Japan

**Pe-009-1 Progression of Cognitive Decline and Corpus Callosum Atrophy in AQP4-IgG-Positive NMOSD: Two Cases**

Munehiro Yoshimoto

Department of Neurology, Teikyo University Chiba Medical Center, Japan

**Pe-009-2** Switching biological drugs in neuromyelitis optica spectrum disorder: a single-center case series

Daiji Yoshimoto

Department of Neurology, Kochi Medical School Hospital, Japan

**Pe-009-3** Infection and risk factors on Clinical outcomes in Neuromyelitis Optica Spectrum Disorder (NMOSD)

Ponlapat Chucheeep

Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

**Pe-009-4** Paraneoplastic neuromyelitis optica spectrum disorder: a single-center case series

Chi-ning Tsai

National Taiwan University College of Medicine, Taiwan

**Pe-009-5** Changes in status of blood cells and complement during relapse prevention therapies for AQP4+NMOSD

Hiroshi Kuroda

Southern TOHOKU Research Institute for Neuroscience, Japan / Department of Multiple Sclerosis Therapeutics, Fukushima Medical University School of Medicine, Japan / Department of Neurology, Tohoku University Graduate School of Medicine, Japan

**Pe-010 English Poster Session 010**

**En**

May 20 (Wed) 17:20 ~ 18:40 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

## Neuroimmunology (Clinical study) 2

Chairs : Ryo Yamasaki

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

Motoi Kuwahara

Department of Neurology Kindai University Faculty of Medicine, Japan

**Pe-010-1** Chronic neuropathies associated with IgM M-proteins reactive to gangliosides with disialosyl residue

Motoi Kuwahara

Department of Neurology, Kindai University Faculty of Medicine, Japan

**Pe-010-2** Efficacy and safety of rituximab treatment for anti-MAG neuropathy

Tomoki Suichi

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

**Pe-010-3** Performance studies for ELISA detecting IgG4 autoantibodies against neurofascin I55/contactin 1

Hidenori Ogata

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

**Pe-010-4** Features of plexin D1-IgG-associated neuropathic pain syndrome (PANPS) based on a nationwide survey**Jun-ichi Kira**

Department of Neurology, Brain and Nerve Center, Fukuoka Central Hospital, International University of Health and Welfare, Japan / Translational Neuroscience Research Center, Graduate School of Medicine, International University of Health and Welfare, Japan

**Pe-010-5** Long-term prognosis of adverse effects after HPV vaccination: A 13-year follow-up study**Toshiaki Hirai**

Departments of Neurology, Mizonokuchi Hospital, Teikyo University School of Medicine, Japan

**Pe-010-6** Charcot-Marie-Tooth disease with superimposed acquired immune-associated neuropathies**Yiyun Huang**

Department of Neurology, Huashan Hospital, Fudan University, Shanghai, China / Rare Disease Center, Huashan Hospital, Fudan University, Shanghai, China / National Center for Neurological Disorders (NCND), Shanghai, China

**Pe-010-7** Clinical features of patients with neurosarcoidosis**Jun Sawada**

Asahikawa Medical University Hospital, Japan

**Pe-011 English Poster Session 011****En**

May 20 (Wed) 17:20 ~ 18:40 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Epilepsy**Chairs : **Kazutaka Jin**

Department of Epileptology, Tohoku University Graduate School of Medicine, Japan

**Yu Kitazawa**

Department of Clinical Laboratory, Yokohama City University Hospital, Japan

**Pe-011-1** Effect of Valproic Acid on Ictal Direct Current Shifts**Yu Tamura**

Department of Neurology, Kyoto University, Japan

**Pe-011-2** withdrawn**Pe-011-3** Gut Microbiome in Refractory vs Controlled Epilepsy: A Systematic Review of Microbial Profile**Amelia Puspita Suhendro**

Department of Neurology, Faculty of Medicine, Udayana University, Denpasar, Bali, Indonesia

**Pe-011-4** Health Literacy in Medication Management and Daily Living Among Adults with Epilepsy**Supamat Amphol**

Chiangmai Neurological Hospital, Thailand

- Pe-011-5** Cost-Effectiveness of Early Epilepsy Surgery Based on Quantitative MRI Phenotypes Across Lifespan  
Aminatus Saadah  
Telkom University, Indonesia
- Pe-011-6** Epilepsy Knowledge Among Allied Health Personnel: Insights From a Tertiary Neurology Centre  
Mohd Ariffuddin Bin Abdul Rahman  
Department of Neurology, Tunku Abdul Rahman Neuroscience Institute, Hospital Kuala Lumpur, Malaysia
- Pe-011-7** Deep RL-Guided sEEG Monitoring Informed by Multi-Omics of Explanted Epileptic Depth Electrodes  
Anekawati Anekawati  
Department of Biochemistry and Molecular Biology, University of Chile, Chile

**Pe-012 English Poster Session 012**

**En**

May 20 (Wed) 17 : 20 ~ 18 : 40 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Neuroscience 1**

Chairs : Masato Asanuma

Department of Medical Neurobiology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan

Tsutomu Sasaki

Department of Neurology, The University of Osaka, Japan

- Pe-012-1** Age-related alteration in MMP-9 expression in spinal motor neurons of wild-type mice  
Takuto Hideyama  
Tokyo Medical University Hospital, Japan
- Pe-012-2** Evaluation of Novel TSPO Tracers [18F] FHP-BMP and [18F] FBBMP in Neurodegenerative Models  
A K. Tiwari  
Division of Cyclotron and Radiopharmaceutical Sciences, Institute of Nuclear Medicine and Allied Sciences, New Delhi, India
- Pe-012-3** EVALUATING COGNITIVE FUNCTION AND VITAMIN D LEVELS IN POST-MENOPAUSAL WOMEN WITH PARKINSON S DISEASE  
Pardeep Kumar  
Jawaharlal Nehru University, India
- Pe-012-4** Hippocampal Subfields Markers for Detecting Age and APOE 4 specific Effects in Healthy Aging Adults  
Kaipeng Wang  
Chinese University of Hong Kong, Hong Kong SAR, China
- Pe-012-5** Synergistic Nano Polyphenols Dramatically Reduce Oxidative Injury in Parkinson s Disease  
Pardeep Kumar  
University of Copenhagen, Denmark

**Innovative Therapeutics Development and Translational Research**

Chairs : Shin Hisahara

Department of Neurology, Sapporo Medical University, Japan

Chikako Nito

Laboratory for Clinical Research, Collaborative Research Center, Nippon Medical School, Japan

**Pe-013-1 ASP2246, a Novel mRNA-based Drug, Improve Motor Dysfunction in Monkey Chronic Ischemic Stroke Model**

Hiroshi Fushiki

Astellas Pharma Inc., Japan

**Pe-013-2 Detection of Spastic Dysarthria Lesion via Consonant-Based Sentence and Automatic Speech Recognition**

Chayoot Marukatat

Faculty of Medicine, King Mongkut's Institute of Technology Ladkrabang, Thailand / Division of Neurology, Department of Medicine, Faculty of Medicine, Chulalongkorn University, Thailand

**Pe-013-3 AI-Integrated Biosensor Wearables for Real-Time Monitoring in Aged Patients with Stroke and Dementia**

Vikas Sharma

IDC research center, India

**Pe-013-4 Neuroprotective Effect of Propolis on Hippocampal BCL-2 Expression in Social Isolation Stress Model**

Alfreda A. Khotijah

Department of Anatomy, Faculty of Medicine, Indonesian Islamic University, Indonesia

**Pe-013-5 Inclusion and Exclusion in Neurology Gene-Therapy Trials: Identifying Global Gaps in the Genomic Era**

Dimas F. Prasetyo

The University of Western Australia, Australia

**Pe-013-6 Microglial vulnerability to inflammatory stress in metachromatic leukodystrophy for drug discovery**

Xin Duan

Department of Neurology, Institute of Medicine, University of Tsukuba, Japan

**Pe-013-7 Lysosulfatide is the substrate driving microglial degeneration in metachromatic leukodystrophy (MLD)**

Mohammad Mahboubi Mehrabani

Department of Neurology, Institute of Medicine, University of Tsukuba, Japan

## Neurogenetic 1

Chairs : Jun Mitsui

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

Manabu Funayama

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

## Pe-014-1 Role of presenilin 1 variants in parkinsonism and seizures

Masako Kinoshita

Department of Neurology, NHO Utano National Hospital, Japan

## Pe-014-2 Systematic intronic analysis of the SPAST gene in hereditary spastic paraplegia

Akinori Kinoshita

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

## Pe-014-3 Genetic diagnosis of autosomal dominant leukodystrophy due to lamin B1 upstream deletion

Rei Yasuda

Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of  
Medicine, Japan / Department of Neurology, Graduate School of Medical Science, JCHO Kyoto  
Kuramaguchi Medical Center, Japan

## Pe-014-4 withdrawn

## Pe-014-5 Multisystemic Mitochondrial Disease Caused by a Rare MT-TD Variant

Min-yu Lan

Department of Neurology, Kaohsiung Chang Gung Memorial Hospital, Taiwan

## Neuroradiology, Functional image 1

Chairs : Keita Matsuura

Dementia Center, Mie University Hospital, Japan

Takaaki Hattori

Department of Neurology, Institute of Science Tokyo, Japan

## Pe-015-1 Subtraction 3D-FLAIR facilitates new or enlarging lesion identification in multiple sclerosis

Ayano Matsuyoshi

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan

## Pe-015-2 The utility of muscle CT for the diagnosis and progression monitoring of Spinal Muscular Atrophy

Takashi Ayaki

Kyoto University Hospital, Japan

**Pe-015-3** White-matter and glymphatic abnormalities in DMI and their relationship to cognitive impairment

Daisuke Yamanaka

Hyogo Medical University Neurology, Japan

**Pe-015-4** The relationship between T1 values and quantitative susceptibility mapping in Parkinson's disease

Junya Ebina

Department of Neurology, Toho University Faculty of Medicine, Japan

**Pe-015-5** Transdiagnostic Resting-State Connectivity Correlates of Trail Making Test Part B

Toru Miyake

Department of Neurology and Neurological Science, Institute of Science Tokyo, Japan

**Pe-015-6** Study of Variation in Anatomy&Pattern of Skull Base Fracture in Patient with Post-Traumatic CSF Leak

Nitish Kant

AIIMS, NEW DELHI, India

**Pe-016 English Poster Session 016**

**En**

May 21 (Thu) 17 : 25 ~ 18 : 45 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Cerebrovascular disease (Clinical study) 3**

Chairs : Akira Tsujino

Nagasaki University Hospital, Japan

Yasuhiro Nishiyama

Department of neurology, university of Fukui, Japan

**Pe-016-1** Relationship Between Atherosclerosis and Prognosis in Cardiogenic embolism with Atrial Fibrillation

Yuri Mizuno-Shojima

The Jikei University School of Medicine, Japan

**Pe-016-2** Functional Outcome of Mechanical Thrombectomy in Acute Ischemic Stroke in Chiang Mai, Thailand

Kittikun Lomwanawong

Chiang Mai Neurological hospital, Thailand

**Pe-016-3** A web of embolism: A carotid web case series of young patients

Kiat Rui Ng

Singapore General Hospital, Singapore

**Pe-016-4** Mortality Predictors in Critically Unstable Stroke: A Meta-Analysis with TSA

Hatem El-deeb

faculty of medicine, Al-Azhar university, Cairo, Egypt

★ **Pe-016-5** The effects of regular dental scaling on the complications and mortality after stroke

(Ape-01-2)

Chien-chang Liao

Taipei Medical University Hospital, Taiwan

★Nominees for the Best Presentation Award for the International Participants

- Pe-016-6** Prevalence of Acute Stroke Among Liver Transplant Recipients:  
A Systematic Review and Meta-Analysis  
**Zhi Cong Ong**  
Ng Teng Fong General Hospital, Singapore

**Pe-017 English Poster Session 017**

**En**

May 21 (Thu) 17 : 25 ~ 18 : 45 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Dementia (Alzheimer's diseases : Basic research ) 1**

Chairs : Tadanori Hamano

Department of Geriatric Medicine, Kanazawa Medical University, Japan

Akihiro Shindo

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

- Pe-017-1** Elucidating the molecular pathogenesis of Alzheimer's disease using induced microglia-like cells

**Mari Shibukawa**

Dept. of Neurology, Toho University Faculty of Medicine, Japan

- Pe-017-2** The Influence of ApoE on CAA Based on Consecutive Autopsy Cases in the Elderly

**Yuko Saito**

Dept. Neuropath., Tokyo Metro. Geriat. and Gerontol., Japan

- Pe-017-3** Neuro-electrical Biomarker for Severity Prediction of Dementia Using Dynamic Lobar Connectivity

**Thawirasm Jungrungrueang**

Faculty of Medicine, Prince of Songkla University, Thailand

- Pe-017-4** Analysis of Amyloid beta aggregation affected by Microplastics

**Sitong Yang**

Hamamatsu University School of Medicine, Institute of Photonics Medicine, Division of Translational Biomedical Photonics, Biomedical Photonics Laboratory, third-year PhD student, Japan

- Pe-017-5** INTRACEREBRAL HEMORRHAGE ACCELERATES ALZHEIMER'S PROGRESSION VIA MICROGLIAL DYSFUNCTION

**Chia-yuan Cho**

School of Medicine, Tzu Chi University, Hualien, Taiwan

- Pe-017-6** Spinal Cord Tau and Protein Co-Pathologies Associated with Chronic Traumatic Encephalopathy

**Hidetomo Tanaka**

Tanz Centre for Research in Neurodegenerative Disease, University of Toronto, Canada

**Parkinson's disease (Biochemistry)**

Chairs : Masato Kanazawa

Niigata University of Health and Welfare/Niigata University, Japan

Kousuke Baba

Department of Neurotherapeutics and Home Medical Care, The University of Osaka Graduate School of Medicine, Japan

**Pe-018-1 The Neddylation inhibitor MLN4924 facilitates the transfer of alpha-synuclein into autophagosomes**

Naoto Sugeno

Department of Neurology, Tohoku University, Japan

**Pe-018-2 PD-linked PSAP mutation causes ER/Golgi fragmentation and reduction of membrane-bound YKT6**

Kentarō Gejima

Department of Neurology Juntendo University School of Medicine, Japan

**Pe-018-3 Aggregated  $\alpha$ -synuclein is secreted via small extracellular vesicles**

Taiki Sawai

Department of Internal Medicine IV, Division of Neurology, Osaka Medical and Pharmaceutical University, Japan

**Pe-018-4 PD-linked PSAP gene mutation affects progranulin trafficking and glucocerebrosidase activity**

Ryo Wakamori

Department of Neurology, Juntendo University Faculty of Medicine, Japan

**Pe-018-5 withdrawn****Parkinson's disease (Basic research) 2**

Chairs : Hiroya Kuwahara

Department of Neurology and Neurological Science, Institute of Science Tokyo, Japan

Tatsuo Mano

National Center of Neurology and Psychiatry, Japan

**Pe-019-1 Pharmacological Assessment of DBH as an alpha-Synuclein Aggregation Inhibitor**

Mitsuhiro Kitagawa

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

**Pe-019-2 Marmoset models of Parkinson's disease leading to degeneration of distinct nigrostriatal pathways**

Naohiro Fujita

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

**Pe-019-3** Identification of pathogenic candidate variants by whole-exome sequencing in Japanese familial PD

Yue Luo

Department of Neurology, Faculty of Medicine, Juntendo University, Japan

**Pe-019-4** SNCA Mutations and Macrophage Activation Disrupt the Blood Brain Barrier in Parkinsons Disease

Dou Feng

JUNTENDO UNIVERSITY, Japan

**Pe-019-5** Motor outcomes with vitamin D monotherapy in Parkinson disease: a meta-analysis

Omar Elkoumi

Faculty of Medicine, Suez University, Suez, Egypt

**Pe-020** English Poster Session 020

En

May 21 (Thu) 17 : 25 ~ 18 : 45 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Motor neuron disease (ALS : Molecular pathogenetic mechanism)**

Chairs : Yohei Iguchi

Neurology, Nagoya University, Japan

Mana Higashihara

Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan

**Pe-020-1** Protein interaction changes due to MATR3-induced SETD5 splice change associated with ALS pathology

Yukino Funayama

Department of Neurology, Graduate School of Medicine, Tohoku University, Japan / Division of Cell proliferation, ART, Graduate School of Medicine, Tohoku University, Japan

**Pe-020-2** Acquired immunity in spinal non-motor area is relevant to motor neuron degeneration in ALS

Shintaro Hayashi

Department of Neurology, Kyushu University, Japan / Department of Neurology, Gunma Rehabilitation Hospital, Japan

**Pe-020-3** Epitranscriptomic control of FUS condensation: m6A as a druggable regulator of ALS-related pathology

Yuki Kuwano

Department of Medical Genetics, Tokushima University Graduate School of Biomedical Sciences, Japan

**Pe-020-4** CD33-positive macrophages are increased at ALS model mice peripheral nerve

Senri Ko

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Clinical Laboratory Medicine, Kyushu University Hospital, Japan

Pe-020-5 High-Throughput Compound Screening Unravels the Pathogenic Mechanisms of C9ORF72-ALS/FTD

Keiko Imamura

Center for iPS Cell Research and Application (CiRA), Kyoto University, Japan / Takeda-CiRA (T-CiRA) Joint Program, Japan / RIKEN BioResource Research Center (BRC), Japan / RIKEN Center for Advanced Intelligence Project (AIP), Japan

Pe-020-6 ~~Proximity labeling proteomics of astrocyte-mediated motor neuron degeneration in SOD1 ALS model mice~~

~~Fumito Endo~~

~~Department of Neuroscience and Pathology, Research Institute of Environmental Medicine, Niigata University, Japan~~

Withdrawn

Pe-021 English Poster Session 021

En

May 21 (Thu) 17:25 ~ 18:45 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

Cerebellar ataxia • Spastic paraplegia (SCD) 2

Chairs : Yoshio Ikeda

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

Taro Ishiguro

Science Tokyo, Dept of Neurology and Neurological science, Japan

Pe-021-1 Ethosuximide ameliorates clinical and pathological phenotypes in a mouse model of SCA42

Shunta Hashiguchi

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

Pe-021-2 Zonisamide improves PSD-95 intracellular trafficking impaired by Cav3.1 mutation causing SCA42

Masahiro Nakamori

Department of Clinical Neuroscience and Therapeutics Hiroshima University Graduate School of Biomedical and Health Sciences, Japan

Pe-021-3 Investigation of PRKN V380L in Japanese Patients with Spinocerebellar Ataxia Type 3

Ekaterina Nadbitova

Department of Neurology, BRL, Niigata University, Japan

★ Pe-021-4 Machine Learning Cerebellar Digital Twin Predicts Blood-Based Severity in Hereditary Ataxias (Ape-01-3)

Rifaldy Fajar

Applied and Interdisciplinary Mathematics Program, University of L'Aquila, Italy

**Neuroimmunology (Basic research)**

Chairs : Hideyuki Takeuchi

Department of Neurology, Graduate School of Medicine, International University of Health and Welfare, Japan

Akio Kimura

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

**Pe-022-1 Interleukin-19 restores blood-brain barrier disruption**

Hiroyasu Komiya

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

**Pe-022-2 IL-25 gene therapy using AAV vectors in a mouse model of multiple sclerosis**

Hiroto Kodera

Department of Neurology, Graduate School of Medicine, Nippon Medical School, Japan / Division of Molecular and Medical Genetics, the Institute of Medical Science, the University of Tokyo, Japan

**Pe-022-3 Armored trait of effector regulatory T cell primed by highly MHC-bound peptide secured its stability**

Youwei Lin

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

**Pe-022-4 A CGRP receptor antagonist alleviates pain hypersensitivity in the EAE mice**

Yuki Nakazato

Department of Neurology, Miyazaki University Hospital, Japan

**Pe-022-5 Quantitative proteomics analysis of sural nerve specimens**

Ryota Sato

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

**Pe-022-6 Dimethyl fumarate attenuates pathogenic immune activation in HTLV-1-associated myelopathy**

Takashi Yoshida

Department of Neurology and Geriatrics, Kagoshima University Graduate School of Medical and Dental Sciences, Japan

**Pe-022-7 Cerebral Hypoperfusion and Autoantibody Profiles Suggest Immune Endotype Diversity in ME/CFS**

Kazuki Yokokawa

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

**Neuroimmunology (Autoimmune encephalitis) 2**

Chairs : Shunya Nakane

Department of Neurology, University of Toyama, Japan

Naoko Matsui

Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Tokushima, Japan

**Pe-023-1 Three Cases of Stiff Person Spectrum Disorders presenting with Psychiatric Symptoms**

Susumu Igarashi

Department of Neurology, Nakamura Memorial Hospital, Japan

**Pe-023-2 Establishment of assay system for anti-DAGLA antibodies in a cerebellar ataxia cohort**

Jiahe Yang

Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan

**Pe-023-3 MOGAD with atypical clinical presentations: can MOGAD manifest so many various clinical phenotypes?**

Takashi Irioka

Department of Neurology, Yokosuka Kyosai Hospital, Japan

**Pe-023-4 A Multivariable Score to Predict Tumor Association in Autoimmune Encephalitis**

Hiroto Nagae

Department of neurology, Nihon university school of medicine, Japan

**Pe-023-5 Retrospective Analysis of Autoimmune GFAP Astrocytopathy: A Single-Center Experience**

Kosei Yamahashi

Department of Neurology, Japanese Red Cross Medical Center, Japan

**Pe-023-6 Analysis of soluble interleukin2 receptor alpha as a practical biomarker for autoimmune encephalitis**

Kotaro Haruna

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

**Neuropathy**

Chairs : Kenji Sekiguchi

Division of Neurology, Kobe University Graduate School of Medicine, Japan

Yu-ichi Noto

Department of Neurology, Graduate School of Medical Science, Kyoto  
Prefectural University of Medicine, Japan**Pe-024-1 Bioinformatics of Deoxysphingolipid Axon-Glia Vulnerability in Hereditary Demyelinating Neuropathy**

Rini Winarti

Translational BioMedicine Team, Nextgen Biology and Health Equity Research Network,  
Indonesia**Pe-024-2 Which Genomic and Metabolic Pathways Drive Hand Numbness in Diabetic and Hereditary Neuropathies?**

Fala Abdillah

National Autonomous University of Mexico, Mexico

**Pe-024-3 Anti-Tuberculosis Drug-Induced Optic Neuropathy in Pulmonary Tuberculosis Patients**

Elmira Vaissova

Institute of neurology and neurorehabilitation n.a. S. Kaishibayev, Kazakhstan

**Pe-024-4 Discontinuation and Non-publication of Peripheral Neuropathy Trials: A Cross-sectional Analysis**

Alaa R. Mady

Faculty of Pharmacy, Menoufia University, Egypt

**Pe-024-5 Clinical Characteristics and Prognosis of Neuralgic Amyotrophy: A Retrospective Study**

Sahaphum Taemeeyapradit

Neurological Institute of Thailand, Thailand

**Pe-024-6 EFFECTIVENESS OF TRANSCRANIAL MAGNETIC STIMULATION IN PATIENTS WITH NEUROPATHIC PAIN**

Barbossinova Aigerim

Institute of Neurology and Neurorehabilitation n.a. Smagul Kaishibaev, Kazakhstan / Kazakh  
National Medical University named after S. Asfendiyarov, Kazakhstan

**Epilepsy (Clinical study) 2**

Chairs : Taira Uehara

Department of Neurology, International University of Health and Welfare,  
Japan

Akihiro Shimotake

NHO Utano National Hospital, Japan

**Pe-025-1 Clinical Study of Comorbid Epilepsy in Patients with Parkinson's Disease**

Ryo Yoshino

Department of Neurology, Juntendo University School of Medicine, Japan

**Pe-025-2 Early In Utero Seizure Detection: Diagnostic Modalities and the Impact of Maternal Awareness**

Omar S. Abdelfattah

Faculty of Medicine, Horus University - Egypt, Egypt

**Pe-025-3 Brivaracetam in Epilepsy: Clinical Characteristics of Responders**

Tomoko Toyota

Neurology Department of Fukuseikai Hospital, Japan / Neurology Department of Saiseikai  
Yahata general Hospital, Japan**Pe-025-4 Super-Refractory Status Epilepticus in Early Pregnancy with Good Fetomaternal Outcomes: Case Report**

Amanda Marie A. Cheong

University of the Philippines, Philippine General Hospital, Philippines

**Pe-025-5 Neuropsychiatric Safety of Brivaracetam: A Systematic Review and Meta-analysis**

Maya Tojima

Department of Neurology, Kyoto University Graduate School of Medicine, Japan / Department  
of Healthcare Epidemiology, Graduate School of Medicine and Public Health, Kyoto University,  
Japan**Pe-025-6 withdrawn****Pe-025-7 Analysis of efficacy of antiseizure medicine on SE of a case with adult-onset type II citrullinemia**

Hiroya Ohara

Minami-Nara General Medical Center, Japan

## Neuroscience 2

Chairs : Hiroaki Adachi

Department of Neurology, School of Medicine, University of Occupational and Environmental Health, Japan

Haruhisa Inoue

Center for iPS Cell Research and Application (CiRA), Kyoto University, Japan

**Pe-026-1** Signaling Pathway for Nicotine-Induced Cytoplasmic Vacuolization And Autophagy In Astrocytes

Tatsuro Mutoh

Department of Neurology and Neuroscience, Fujita Health University Hospital, Japan / Center for Neurological Therapeutics, Hakuaiikai Kaisei Hospital, Japan / Neuron-glia cross talk center, Juntendo University School of Medicine, Japan / Advanced Diagnostic System Development, Fujita Health University Graduate School of Health Sciences, Japan

**Pe-026-2** Chst3/Ust in Gpr17-positive oligodendrocytes mediate CS-D patch formation for cortical plasticity

Yuri Yamashita

Department of Aging Biology in Health and Disease, Graduate School of Medicine, Juntendo University, Japan / Department of Neurology, Faculty of Medicine, Juntendo University, Japan / Research Institute for Diseases of Old Age, Graduate School of Medicine, Juntendo University, Japan

**Pe-026-3** Investigating the early effects of colony stimulating factor 1 receptor on microglial organelles

Marie-kim St-pierre

Karolinska Institutet, Sweden

**Pe-026-4** HEMATOMA EVACUATION RESTORES ER HOMEOSTASIS AND AUTOPHAGY AFTER SEVERE INTRACEREBRAL HEMORRHAGE

Wei Fen Hu

PhD Program in Pharmacology and Toxicology, Tzu Chi University, Taiwan

**Pe-026-5** Energy Reprogramming via AMPK-Nrf2 Signaling Enhances Microglial Erythrophagocytosis

Eason Liew

Tzu Chi Senior High School Affiliated with Tzu Chi University, Hualien, Taiwan / Department of Medical Research, Hualien Tzu Chi Hospital, Hualien, Taiwan, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

**Pe-026-6** Low-frequency ultrasound-enhanced transfection using DNA-loaded lipid nanobubbles in neuronal cells

Hiriooshi Kida

Department of Anatomy, School of Medicine, Fukuoka University, Japan

**Clinical neurophysiology 2**

Chairs : Katsumi Kurokawa

Kawasaki Medical School General Medical Center, Department of Internal  
Medicine 1, Japan

Hideyuki Matsumoto

Department of Neurology, Mitsui Memorial Hospital, Japan

**Pe-027-1** Characteristics and mechanism of upbeat nystagmus in medullary lesions

Ken Johkura

Department of Neurology, Yokohama Brain and Spine Center, Japan

**Pe-027-2** Laterality of Recognition memory-related Hippocampal activity predicts post-surgical memory function

Hirofumi Takeyama

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

**Pe-027-3** Aberrant Resting-state Cortical Oscillations in Visual Snow Syndrome

Fujung Hsiao

National Yang Ming Chiao Tung University, Taiwan

**Pe-027-4** From Screen Time to Sensory Latency: Neurophysiological Insights into Smartphone-Induced CTS

Mohd Nazril Bin Mustapa

Department of Neurology, Tunku Abdul Rahman Neuroscience Institute, Hospital Kuala Lumpur, Malaysia

**Pe-027-5** High Precision Mapping of Language Function by Cortical Stimulation

Rei Hashimoto

Division of Neurology, Kobe University Graduate School of Medicine, Japan / Laboratory for Brain Connectomics Imaging, RIKEN Center for Biosystems Dynamics Research, Japan

**Pe-027-6** KAP TOWARDS AI AMONG ASSISTANT MEDICAL OFFICER IN CLINICAL NEUROPHYSIOLOGY SERVICES: NATIONAL SURVEY

Alfiesen Piang

Department of Neurology, Tunku Abdul Rahman Neuroscience Institute, Hospital Kuala Lumpur, Malaysia

**Neuropsychology 1**

Chairs : Mika Otsuki

Faculty of Health Sciences, Hokkaido University, Japan

Shunsuke Kobayashi

Department of Neurology, Teikyo University, Japan

**Pe-028-1 Network-Level Involvement in Slower Language Processing Speed in Glioma Patients [Encore Presentation]**

Ryuta Kinno

Department of Neurology, Showa Medical University Fujigaoka Hospital, Japan / Department of Basic Science, Graduate School of Arts and Sciences, The University of Tokyo, Japan

**Pe-028-2 Development of the Japanese Language Screen (JLS) and Exploratory Evaluation of Automated Scoring**

Yasuhiro Watanabe

NHO Matsue Medical Center, Japan

**Pe-028-3 Neuroradiological features of patients with left thalamic hemorrhage presenting with neologisms**

Masahiro Hatakeyama

Department of neurology, Brain Research Institute, Niigata University, Japan / Department of Functional Neurology &amp; Neurosurgery, Center for Integrated Human Brain Science, Brain Research Institute, Japan

**Pe-028-4 Verbal Memory as an Efficient Cognitive Biomarker for Preclinical Alzheimer Disease**

Odelia Elkana

The Academic College of Tel Aviv-Yaffo, Israel

**Cerebrovascular disease (Basic research)**

Chairs : Shinichi Takahashi

Neurology and Stroke, Saitama Medical University International Medical Center, Japan

Masafumi Ihara

Department of Neurology, National Cerebral and Cardiovascular Center, Japan

**Pe-029-1 Research on the relationship between MAIT cells and neuroinflammation in vascular dementia**

Danling Cui

Department of Neurology, Juntendo University School of Medicine, Japan

**Pe-029-2 Mitochondrial interactions in skeletal muscle and exercise effects on white matter and cognition**

Toshiki Inaba

Department of Neurology, Juntendo University School of Medicine, Japan

**Pe-029-3** Spatial metabolomics of DL-3-n-butylphthalide in cerebral ischemia-reperfusion mice

Lu Yuxuan

Peking University First Hospital, China

**Pe-029-4** THE EFFECT OF NIGELLA SATIVA ON NEURON CORTEX PREFRONTALIS RATS PASCA GLOBAL CEREBRAL ISCHEMIA

Mislahatil Umami

Faculty of Medicine, Islamic University of Indonesia, Indonesia

**Pe-029-5** Perihæmatomal Oedema and 90-Day Outcomes in Intracerebral Haemorrhage: A Retrospective Study

Aliah Musa

Department of Medicine, Faculty of Medicine, Universiti Kebangsaan Malaysia, Malaysia

**Pe-029-6** Predictors of Cognitive Impairment After Intracerebral Hemorrhage: A Prospective Observational Study

Noor Amirah B. Saini

Department of Internal Medicine, Universiti Kebangsaan Malaysia, Malaysia

**Pe-029-7** The Missing Puzzle : The Impact of Heart Failure Subtypes and Ischemic Stroke

Michelle Maryanne Tan

Department of Internal Medicine, Hospital Tengku Ampuan Rahimah, Malaysia

**Pe-030** English Poster Session 030

En

May 22 (Fri) 16 : 45 ~ 18 : 05 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Dementia (Alzheimer's diseases : Basic research ) 2**

Chairs : Yosuke Wakutani

Department of Neurology, Medical Centre of Neurocognitive Disorders,  
Kurashiki Heisei Hospital, Japan

Takeshi Kuroda

Department of Neurology, Showa Medical University, Japan

**Pe-030-1** Generation of a novel multifunctional humanized APOE reporter mouse model

Nayuta Nakazawa

Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Japan

**Pe-030-2** Establishment of a minimally invasive method for introducing APOE2 into the brain by AAV-PHP.eB

Taku Tazuma

Department of Clinical Neuroscience and Therapeutics, Hiroshima University, Graduate School of Biomedical and Health Sciences, Japan

- Pe-030-3** Microglial xCT inhibition reduces behavioral deficits and Abeta accumulation in AD mouse model  
**Masahiro Kanatani**  
 Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University, Japan / Division of Biochemistry, Department of Pathophysiological and Therapeutic Sciences, Faculty of Medicine, Japan
- Pe-030-4** Effects of ALZ-801 on amyloid protein aggregation and cytotoxicity  
**Daiki Muramatsu**  
 Department of Neurology, Kanazawa University Graduate School of Medical Sciences, Japan
- Pe-030-5** withdrawn
- Pe-030-6** In Silico In Vitro and In Vivo Study of Limonene Multitarget Role in Neurodegenerative Disorders  
**Bhuvanesh Baniya**  
 Department of Pharmaceutical Sciences, Mohanlal Sukhadia University Udaipur, India
- Pe-030-7** GSK3b Inhibition Attenuates Angiotensin II Induced Neuroinflammation in Rats  
**Pei-wen Cheng**  
 Department of Education and Research, Kaohsiung Veterans General Hospital, Taiwan

**Pe-031 English Poster Session 031**

**En**

May 22 (Fri) 16 : 45 ~ 18 : 05 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Parkinson's disease (Pathophysiology) 1**

Chairs : Takahito Yoshizaki

International University of Health and Welfare Ichikawa Medical Center, Japan

Masashi Hamada

Department of Neurology, the University of Tokyo, Japan

- Pe-031-1** WIPI4 Deficiency Triggers Glutamate-Dependent Excitotoxicity in Neurodegeneration

**Sachiko Noda**

Neuron-Glia Crosstalk Center, Juntendo University, Japan

- Pe-031-2** Functional interaction between Parkin and OGT

**Yukiko Maki**

Department of Clinical Research, NHO Tokushima Medical Center West, Japan

- Pe-031-3** Lipid metabolomics identifies metabolic signatures of antidiabetic drugs in prodromal PD mice

**Masashi Ikuno**

Kyoto University Center for Medical Education and Internationalization, Japan / Kyoto University Hospital Department of Neurology, Japan

- Pe-031-4** Mechanisms by Which Sphingolipid Metabolic Dysfunction Increases the Risk of Parkinson's Disease

**Mai Shimizu**

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

**Pe-031-5** Dopamine Dysregulation Syndrome in Drug-Induced Parkinson's Disease Model Mouse with L-DOPA Exposure

Masato Okitsu

Addictive Substance Project, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan / Department of Neurology, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan

**Pe-031-6** Alpha-synuclein aggregation is facilitated in UBQLN2 liquid droplets

Yukiko Sasazawa

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

**Pe-031-7** p62/Sequestosome1 mediated LC3 Autophagic Cascade in Cadmium-Induced Neuronal Death and PD risks

Richa Gupta

Nirma University, India

## Pe-032 English Poster Session 032

En

May 22 (Fri) 16 : 45 ~ 18 : 05 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

### Parkinson's disease (Clinical study) 5

Chairs : Masaki Kamada

Kagawa university hospital, Department of Neurology, Japan

Wataru Sako

Juntendo University School of Medicine, Japan

**Pe-032-1** Spatiotemporal dynamics of plasma and diffusion MRI biomarkers in Parkinson's disease

Shuntaro Ueno

Department of Neurology, Faculty of Medicine, Juntendo University, Japan / Division of Respiriology, Neurology and Rheumatology, Department of Medicine, Kurume University School of Medicine, Japan

**Pe-032-2** Exploration of pre-onset CSF biomarkers for Parkinson's disease using J-PPMI samples

Fumiko Nakamoto

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

**Pe-032-3** NFL-FABP3 Composite Risk Score for Predicting Poor Outcomes in Parkinson's Disease

Hideki Oizumi

National Hospital Organization Sendai Nishitaga Hospital, Japan

**Pe-032-4** Risk stratification study of fluid biomarkers for alpha-synucleinopathy with dementia

Ryota Kamo

Juntendo University, Japan

**Pe-032-5** Mild Cognitive Impairment in Parkinson's Disease: A diffusion MRI study in DBS patients

Eriko Igami

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-032-6 Re-evaluation of Olfactory and MIBG Criteria in the MDS Clinical  
Diagnosis of Parkinson's Disease

Tomonori Nukariya

Department of Neurology, Keio University, Japan / Kanto Parkinson's Study Group, Japan

Pe-033 English Poster Session 033

En

May 22 (Fri) 16 : 45 ~ 18 : 05 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

Parkinson's syndrome 3

Chairs : Yasushi Osaki

Department of Neurology, Kochi Medical School Hospital, Japan

Hiroshi Nagayama

Nippon Medical School Department of Neurology, Japan

Pe-033-1 Clinical features of GBA1-related Parkinson's disease in Japanese  
patients

Hiroyo Yoshino

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

Pe-033-2 Detection of Heterozygous PRKN Deletions in Parkinson's Disease  
Using Amplicon Sequencing Data

YUANZHE LI

Department of Diagnosis, Prevention and Treatment of Dementia, Graduate School of Medicine,  
Juntendo University, Japan / Department of Neurology, Faculty of Medicine, Juntendo  
University, Japan

Pe-033-3 Serum Homocysteine Levels in Multiple System Atrophy:  
A Systematic Review and Meta-Analysis

Vincent Wijaya

Faculty of Medicine, Department of Neurology, Universitas Udayana, Indonesia

Pe-033-4 withdrawn

Pe-033-5 CSF Volume Patterns Across Normal Pressure Hydrocephalus and  
Major Neurodegenerative Disorders

Natsumi Takemura

Department of Neurology, Juntendo Hospital, Japan

**Motor neuron disease (Basic research) 2**

Chairs : Toru Yamashita

Department of Neurology, University of Toyama, Japan

Ryoichi Nakamura

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

**Pe-034-1 Prognosis of amyotrophic lateral sclerosis correlates with TDP-43-related splicing dysfunction**

Ichiko Ikegami

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

**Pe-034-2 Decrease of promyelocytic leukemia protein nuclear bodies during TDP-43 aggregate maturation in ALS**

Tomoya Kon

Department of Neurology, Hirosaki University, Japan

**Pe-034-3 The codon-optimized 3B12A intrabody functions as a potential scavenger against misfolded TDP-43**

Yoshitaka Tamaki

Department of Neurology, Shiga University of Medical Science, Japan

**Pe-034-4 TDP-43 mutations cause aberrant synapse formation and neuronal activity in iPSC motor neurons**

Satoshi Yokoi

Department of Pathophysiological Laboratory Sciences, Nagoya University Graduate School of Medicine, Japan / Department of Neurology, Nagoya University Graduate School of Medicine, Japan

**Pe-034-5 KIF5A downregulation mediates axonal pathology in TARDBP-ALS through impaired anterograde transport**

Saki Saito

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

**Cerebellar ataxia • Spastic paraplegia (Clinical study) 2**

Chairs : Kinya Ishikawa

Department of Personalized Genomic Medicine for Health, Institute of Science Tokyo, Japan

Keizo Yasui

Department of Neurology, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan

**Pe-035-1 Features of Idiopathic Cerebellar Ataxia Defined Through Multicenter Surveillance**

Akira Matsushima

Department of Medicine (Neurology &amp; Rheumatology), Shinshu University School of Medicine, Japan / Department of Rehabilitation Medicine, Shinshu University Hospital, Japan

**Pe-035-2** Dabrafenib and trametinib for Langerhans cell histiocytosis-associated neurodegenerative disease

Itaru Hayakawa

National Center for Child Health and Development, Japan

**Pe-035-3** Central involvement in obstructive sleep apnea across subtypes of multiple system atrophy

Yusuke Nakagawa

Department of Neurology, NHO Shizuoka Institute of Epilepsy and Neurological Disorders, Japan

**Pe-035-4** Candidate biomarkers detected from the multiple system atrophy registry study: HoRC-MSA EX

Masaaki Matsushima

Health Care Center, Hokkaido University, Japan / Department of Neurology, Hokkaido University, Japan

## Pe-036 English Poster Session 036

En

May 22 (Fri) 16 : 45 ~ 18 : 05 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

### Neuroimmunology (MS)

Chairs : Nobuo Sanjo

Institute of Science Tokyo, Joint Research Department of Therapeutics  
Development for Rare Intractable Neurological Disease, Japan

Tatsusada Okuno

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

**Pe-036-1** Classifying cases with MOG-IgG-positive brain lesions by hierarchical clustering

Naoki Yamamoto

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

**Pe-036-2** Topographic and Morphological Heterogeneity of Paramagnetic Rim Lesion in Multiple Sclerosis

Hajime Takeuchi

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan

**Pe-036-3** Association of Paramagnetic Rim Lesion with Clinical Presentation in Multiple Sclerosis

Koji Shinoda

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan

**Pe-036-4** Earlier MS Diagnosis Using the 2024 McDonald Criteria: A Single-Center Study

Peng- Ju Chen

National Taiwan University hospital, Taiwan

**Pe-036-5** Re-evaluation of cerebrospinal fluid tests in Japanese patients with multiple sclerosis

**Ryo Kurasawa**

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan  
/Division of Immunology and Genome Biology, Medical Institute of Bioregulation, Kyushu University, Japan

**Pe-037 English Poster Session 037**

**En**

May 22 (Fri) 16 : 45 ~ 18 : 05 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Neuroimmunology (Clinical study) 5**

Chairs : **Yoshiyuki Mitsui**

Kindai University Faculty of Medicine Center for Medical education, Japan

**Kenichi Kaida**

Dept. of Neurology, Saitama Medical Center, Saitama Medical University, Japan

**Pe-037-1** A Retrospective Study on the Seasonal Distribution of Guillain-Barré Syndrome in a Public Hospital

**Nozomu Sugimoto**

Department of Neurology, Kinki Central Hospital, Japan

**Pe-037-2** Clinical investigation focusing on responsiveness to immunotherapy in Guillain Barré Syndrome

**Yuko Yamagishi**

Department of Neurology, Kindai University Faculty of Medicine, Japan

**Pe-037-3** Intravenous efgartigimod or IVIg in Guillain-Barre Syndrome: an observational multicenter study

**Cai Heting**

Huashan Hospital, Fudan University, China

**Pe-037-4** Anti GQ1b antibodies spectrum MFS-BBE disorders; clinical setting and therapeutic outcome

**Hideyuki Matsumoto**

Department of Neurology, Okinawa Southern Medical Center & Children's Medical Center, Japan

**Pe-037-5** Real-World Use of Efgartigimod in Treatment-Refractory CIDP: A Retrospective Analysis

**Kenji Isahaya**

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

**Neuromuscular junction disease (MG)**

Chairs : Yuki Hatanaka

Department of Neurology Teikyo University, Japan

Satoru Oji

Department of Neurology, Saitama Medical Center, Saitama Medical University, Japan

**Pe-038-1 Efficacy of complement inhibitors in unresectable thymoma-associated myasthenia gravis patients**

Naoki Morishita

Department of Neurology, Yaizu City Hospital, Japan

**Pe-038-2 Immediate FcRn Inhibition Following Early Fast-Acting Treatment in Generalized Myasthenia Gravis**

Kiichi Yanagisawa

Department of Neurology, Seirei Hamamatsu General Hospital, Japan

**Pe-038-3 The effect of efgartigimod on reducing the dose of oral steroids in gMG: the interim analysis**

Tetsu Suzuki

Department of Neurology, Faculty of medicine, University of Tsukuba, Japan

**Pe-038-4 AChR Clustering in Myoblasts Induces Convergence of Myotubular Cells and Co-Localization of CD59**

Kazuo Iwasa

Department of Health and Medical Sciences, Ishikawa Prefectural Nursing University, Japan

**★ Pe-038-5 AI-Driven Organoid-Informed Modeling of Seronegative Myasthenia Gravis to Predict NMJ Vulnerability**  
(Ape-01-4)

Sahnaz V. Putri

Health Management Laboratory, Indonesia Open University, Indonesia

**Muscle disease**

Chairs : Takahiro Nakayama

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

Tomoya Kubota

Clinical Neurophysiology Lab, The University of Osaka, Japan

**Pe-039-1 Brain MRI Abnormalities in Myotonic Dystrophy Type 1: A Comprehensive Analysis**

Hiroyuki Takenaka

Department of Neurology, National Hospital Organization Sendai Nishitaga Hospital, Japan /  
Department of Neurology, Nagoya University Graduate School of Medicine, Japan

Pe-039-2 A 30-year single-center study of the survival of adult patients with myotonic dystrophy type 1

Takayuki Katayama

Department of Neurology, NHO Asahikawa Medical Center, Japan

Pe-039-3 Automatic calculation of muscle volume of leg CT images, using artificial intelligence

Takahiro Nakayama

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

Pe-039-4 withdrawn

Pe-039-5 Characteristics of Seropositive Immune-Mediated Necrotising Myopathy: A Nationwide Multicenter Study

Juen Kiem Tan

Department of Medicine, Faculty of Medicine, National University of Malaysia, Malaysia / Hospital Canselor Tuanku Muhriz, Malaysia

Pe-039-6 Characterization of the protein quality control system in VCP-iPS cell-derived skeletal muscle cells

Masato Inoue

Department of Neurology, School of Medicine, Teikyo University, Japan

Pe-040 English Poster Session 040

En

May 22 (Fri) 16 : 45 ~ 18 : 05 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

Headache • Sleep disorder

Chairs : Keisuke Suzuki

Department of Neurology, Dokkyo Medical University, Japan

Kensuke Hamada

Mitsui Memorial Hospital, Japan

Pe-040-1 The Sleep Profile of Middle-Aged to Elderly Japanese Patients with REM Sleep Behavior Disorder

Izumi Mihashi

Department of Neurology, School of Medicine, University of Tsukuba, Japan

Pe-040-2 withdrawn

Pe-040-3 UNDIAGNOSED SLEEP DISORDERS AMONG EMERGENCY AMBULANCE DRIVER WITH NON-COMMUNICABLE DISEASE

Rosdi Bin Zainol

Tunku Abdul Rahman Neuroscience Institute (IKTAR), Hospital Kuala Lumpur, Malaysia

Pe-040-4 Lemborexant as treatment for Irregular Sleep-Wake Rhythm Disorder among patients with Dementia

Ronn Victor L. Azurin

Department of Neurology, The Medical City - Ortigas, Philippines

Pe-040-5 withdrawn

Pe-040-6 Network pharmacology-assisted evaluation Butterbur root phytochemicals in migraine management

Pankaj Kumar Yadav

Regional Institute of Paramedical and Nursing Sciences, India

Pe-041 English Poster Session 041

En

May 22 (Fri) 16 : 45 ~ 18 : 05 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

### Neuroscience 3

Chairs : Hiroshi Doi

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

Kentaro Sahashi

Nagoya University, Neurology, Japan

Pe-041-1 Analysis of neuron-derived extracellular vesicles in genetically modified mice

Takayuki Nonaka

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

Pe-041-2 A New Platform for Conditional Immortalization in Neuroscience: The Phoenix Mouse

Xin Li

HIROSHIMA UNIVERSITY, Japan

Pe-041-3 Neuroprotective Effects of Propolis in Rats Cerebellar Purkinje Cells under Social Isolation Stress

Satwikanti M. Saptogiri

Universitas Islam Indonesia, Indonesia

Pe-041-4 Psychoactive Drug Effects on Melanin Production and Melanocyte Gene Expression in Zebrafish Larvae

Siroshini K. Thiagarajan

Taylor's University, Malaysia

Pe-041-5 A Novel Biomechanical Model of Neurofluid Dynamics Measured with Structural MRI in Humans

Zeyan Li

The Chinese University of Hong Kong, Hong Kong SAR, China

Pe-041-6 FITC-Conjugated novel Fluorescent Probe for In Vivo Imaging of TSP0 Expression

Deepika Tiwari

Department of Chemistry, Shri Ramswaroop Memorial University, India

Pe-041-7 Regenerating the Painful Disc: Bone Marrow Mesenchymal Stem Cells for Discogenic Back Pain

Stefani Luziani

Department of Neurology, Faculty of Medicine, Universitas Udayana, Denpasar, Bali, Indonesia, Indonesia

**Neurorehabilitation, Medical engineering, Medical treatment for incurable diseases 3**

Chairs : Shigeru Nogawa

Department of Neurology, Tokai University Hachioji Hospital, Japan

Naoki Wada

Department of Rehabilitation Medicine Gunma University Graduate School of Medicine, Japan

**Pe-042-1 Impact of Hybrid Assistive Limb on Gait Ability and Quality of Life in Patients with ALS**

Harumi Morioka

Toho University Faculty of Medicine, Department of Neurology, Japan

**Pe-042-2 Network Meta-analysis of Noninvasive Neuromodulation for Recovery in Incomplete Spinal Cord Injury**

Araminta V. Saraswati

Department of Medicine, Faculty of Medicine, Universitas Diponegoro, Indonesia

**Pe-042-3 The effect of cervical epidural electrical stimulation on upper limb function for chronic SCI**

Yuchen Chen

Department of Neurosurgery, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan / Department of Medical Informatics, Tzu-Chi University, Hualien, Taiwan, Taiwan

**Pe-042-4 Remote speech-language rehabilitation for patients with post-stroke aphasia: Literature review**

Makoto Nakajima

Department of Neurology, Kumamoto University Hospital, Japan

**Pe-042-5 Evaluating Virtual Reality Impact on Psychological Health in Prolonged Bedridden Patients**

Gokul C. Addagada

Department of Neurosurgery, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, India

**Other Neurological problems (Clinical study) 3**

Chairs : Motohiro Yukitake

Kouhoukai Takagi Hospital, Japan

Yoshiharu Miura

Tokyo Metropolitan Komagome Hospital, Department of Neurology, Japan

**Pe-043-1 Disequilibrium rather than POTS is the primary determinant of orthostatic intolerance in long COVID**

Kunihisa Miwa

Miwa Naila Clinic, Japan

Pe-043-2 Effect of Magnesium Sulfate on the Survival of Tetanus Patients in a Philippine Tertiary Hospital

Karen Joy B. Adiao  
Philippine General Hospital, Philippines

Pe-043-3 WHEN A STROKE ISNT A STROKE CYSTS AND CONFUSION A Case of Neurocysticercosis

Micah Sam D. Ormeo  
The Doctors' Hospital Inc. Bacolod City Negros Occidental Philippines, Philippines

Pe-043-4 Cervical Kyphosis Correction and Clinico-radiographic Outcome Assessment: A Single Centre Experience

Pankaj K. Singh  
All India institute of medical sciences, New Delhi, India

Pe-044 English Poster Session 044

En

May 23 (Sat) 13:15 ~ 14:35 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

Cerebrovascular disease (Clinical study) 5

Chairs : Kentaro Yamada

Department of Neurology, Nagoya City University East Medical Center, Japan

Junya Aoki

Department of Neurology and Cerebrovascular Medicine, Saitama Medical University International Medical Center, Japan

Pe-044-1 Impact of Cerebral Small Vessel Disease on CT Perfusion Mismatch in Acute Ischemic Stroke

Hiroyuki Kida

Division of Neurology, Department of internal medicine, The Jikei University School of Medicine, Tokyo, Japan

Pe-044-2 Isolated astasia due to cerebral infarction

Hiromasa Tsuda

Tokyo Metropolitan Toshima Hospital, Department of Neurology, Japan

Pe-044-3 Association between statin and risk of intracranial aneurysm growth and rupture: a systematic review

Made Pradipa Yogyartha Pinatih

Department of Neurology, Faculty of Medicine Udayana University, Mayotte

Pe-044-4 Doppler-CT Correlation in Stroke Patients at a Rural Hospital: Female Predominance and High LDL Risk

Amalia Maulida

Ummi Hospital Bogor, Indonesia

Pe-044-5 ICU Severity Scores in Hemorrhagic Stroke: A Neurological Perspective

Gustavo B. Mendes

Universidade Estadual de Campinas, Brazil

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Free Papers (Poster)

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**Pe-044-6** Severe neck pain as stroke mimic or masquerade in stroke activation  
Lim Shu Wei  
Singapore General Hospital, Singapore

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**Pe-044-7** Stroke Risk Factors and CT Scan Results: A Study From a Rural Hospital in Indonesia  
Anggriani Rahayu  
UMMI Hospital, Indonesia

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**Pe-045** English Poster Session 045

**En**

May 23 (Sat) 13:15 ~ 14:35 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

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## Dementia (Clinical study) 8

Chairs : Yasumasa Ohyagi

Department of Neurology and Geriatric Medicine, Ehime University, Japan

Masamichi Ikawa

Department of Community Health Science, University of Fukui, Japan

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**Pe-045-1** Activated microglia, glucose hypometabolism and brain atrophy propagate jointly across Braak stages

Tatsuhiko Terada

HAMAMATSU BioPhotonics Innovation Laboratory, Institute of Photonics Medicine, Hamamatsu University School of Medicine, Japan / Department of Neurology, Shizuoka Institute of Epilepsy and Neurological Disorders, Japan / McGill University, Canada

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**Pe-045-2** 18F-MK-6240 uptake in cortical tau and hemorrhagic lesions in a case of Alzheimer's disease

Masaki Ikeda

Department of Neurology, Geriatrics Research Institute and Hospital, Japan / Division of General Education (Neurology), Faculty of Health & Medical Care, Saitama Medical University, Japan

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**Pe-045-3** Broader large-scale network changes in preclinical AD may predict later cognitive function

Aya Ogura

Brain and Mind Research Center, Nagoya University, Japan / Department of Neurology, Nagoya University, Japan

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**Pe-045-4** A gray matter volume network in pathologically confirmed cases of argyrophilic grain disease

Koji Fujita

Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan

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**Pe-045-5** Regional Versus Widespread Amyloid Deposition in Real-world Patients Receiving Anti-A $\beta$  Antibodies

Gen Yoshii

Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology (TMIG), Japan

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**Pe-045-6** Synthetic MRI Analysis in Alzheimer's Patients Receiving Anti-Amyloid-Beta Treatment  
**Yuki Morita**  
 Department of Medicine (Neurology & Rheumatology), Shinshu University School of Medicine, Japan

**Pe-045-7** Three cases with neuronal intranuclear inclusion disease presenting with episodic manifestations  
**Yuta Sanjo**  
 Department of Neurology, Yokosuka Kyosai Hospital, Japan

**Pe-046 English Poster Session 046**

**En**

May 23 (Sat) 13 : 15 ~ 14 : 35 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Parkinson's disease (Pathophysiology) 2**

Chairs : **Asako Yoritaka**  
 Juntendo University Koshigaya Hospital, Japan  
**Yasuaki Mizutani**  
 Department of Neurology, Fujita Health University School of Medicine, Japan

**Pe-046-1** Modeling the Brain-Gut Axis of Parkinson's Disease with a Human iPSC-Derived Brain-Gut Assembloid  
**Akihiro Yamaguchi**  
 Center for Genomic and Regenerative Medicine, Juntendo University Graduate School of Medicine, Japan / Department of Neurology, Juntendo University School of Medicine, Japan

**Pe-046-2** Mirtazapine modulates locomotion and L-DOPA-induced dyskinesia in a rat model of Parkinson's disease  
**Rie Tohge**  
 Department of Neurology, Kansai Medical University Medical Center, Japan / Department of Neurology, Kansai Medical University, Japan

**Pe-046-3** Attempt to create a Lewy body disease model based on Alzheimer's disease pathology  
**Yuji Narumiya**  
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan

**Pe-046-4** Rotenone targets astrocytes to produce glial dysfunction-mediated dopaminergic neurodegeneration  
**Ikuko Miyazaki**  
 Dept. of Med. Neurobiol., Okayama Univ. Grad. Sch. of Med., Dent. and Pharmaceut. Sci., Japan

**Pe-046-5** EAE-induced neuroinflammation accelerates Parkinson-like features in alpha-synuclein transgenic mice  
**Davide Cossu**  
 Juntendo University, Japan / Sassari University, Italy

**Pe-046-6** Neuroinflammatory responses in GBA1 L444P mutant mice following EAE induction  
**Ruochen Wang**  
 Juntendo University, Japan

Pe-046-7 Dystonia and Movement Disorders in Global Policy: A Systematic Review of Coverage Gaps

Naura Auný

University of Iceland, Iceland

Pe-047 English Poster Session 047

En

May 23 (Sat) 13:15 ~ 14:35 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

Parkinson's disease (Clinical study) 8

Chairs : Hiroshi Kataoka

Nara Medical University, Department of Neurology, Japan

Hidetomo Murakami

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

Pe-047-1 Inpatient Rehabilitation Intensity and 1-Year Outcomes in Parkinson's Disease: A Nationwide Cohort

Hikaru Kamo

Juntendo University, Japan / University of Florida, USA

Pe-047-2 Parkinson's Disease and Chronic Kidney Disease: Evidence from a Japanese Administrative Database

Shin-ichi Ueno

Department of Neurology, Juntendo University Faculty of Medicine, Japan

Pe-047-3 The correlated factors of sudden death in patients with Parkinson's disease

Shuro Kogawa

Kohka Public Hospital, Japan

Pe-047-4 Clinical Correlates of Excessive Daytime Sleepiness in Parkinson's disease

Kento Aoshima

Department of Neurology, Juntendo University, Japan

Pe-047-5 skipped number

Pe-047-6 DETECTION OF TRAPI VARIANTS IN JAPANESE EARLY-ONSET PARKINSON'S DISEASE

Yichieh Chen

Department of Neurology, Faculty of Medicine, Juntendo University, Japan

Pe-047-7 Factors Associated with Non-Motor Symptoms of Parkinson's Disease in Our Parkinson Clinic

Thanachporn Saengmanee

Chiangmai Neurological Hospital, Thailand

**Motor neuron disease (Clinical study) 2**

Chairs : Seiichi Nagano

Department of Neurodevelopmental and Neurodegenerative Disease  
Research, United Graduate School of Child Development, The University of  
Osaka, Japan

Takehisa Hirayama

Department of Neurology, Toho University Faculty of Medicine, Japan

**Pe-048-1 Muscle Relaxant Use Increases the Risk of Amyotrophic Lateral Sclerosis: Finding from the UK Biobank**

Jiahe Deng

Department of Neurology, Fujian Medical University Union Hospital, China / Institute of Clinical  
Neurology, Fujian Medical University, China**Pe-048-2 How Do Genomic, Degeneration, and Immune Pathways Interact to Drive Motor Neuron Disease Worldwide?**

Lutfiah Lutfiah

Hasanuddin University, Indonesia

**Pe-048-3 Muscle ultrasound-detected fasciculations for distinguishing ALS from cervical radiculopathy**

Kisaki Tachi

Department of Gastroenterology and Neurology, Faculty of Medicine, Kagawa University, Japan

**Pe-048-4 Autonomic symptoms among patients with amyotrophic lateral sclerosis**

Michika Sakamoto

Nippon Medical School Hospital Neurology Department, Japan

**Pe-048-5 Pleuroparenchymal Fibroelastosis (PPFE) in ALS on Long-term TIV**

Jun Tokunaga

Sayama Neurological Hospital, Japan

**Pe-048-6 DEVOTE Part C/ONWARD: Higher-Doses Nusinersen in Nusinersen-Exposed Participants with SMA**

Raechel Farewell

Biogen, USA

**Pe-048-7 Biostatistical Modeling of the Blood-CSF Immune Axis to Predict Nusinersen Response in SMA**

Riana D. Kurniawati

Human Behavior &amp; Evolution Research Unit, University of Finland, Finland

**Neuroimmunology (MS: Treatment, others) 3**

Chairs : Kazumasa Okada

Department of Neurology, University of occupational and environmental health, Japan

Hirofumi Ochi

Department of Intractable Disease and Aging Science, Ehime University Graduate School of Medicine, Japan

**Pe-049-1** withdrawn**Pe-049-2** Clinical characteristics and treatment response in patients with MS features and MOG-IgG positivity

Chihiro Namatame

Department of Neurology, Tohoku University Hospital, Japan

**Pe-049-3** Evaluating the Experience of SPMS Patients Undergoing Siponimod Treatment

Kuan-yu Huang

National Taiwan University Hospital, Taiwan

**Pe-049-4** Trajectory Analysis of Disability Accumulation in Progressive Multiple Sclerosis

Yukiko Inamori

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan

**Pe-049-5** Anti-JC virus antibody seroprevalence in Thai multiple sclerosis patients: a cross sectional cohort

Natapong Thaneerat

Siriraj Neuroimmunology Center (SiNiC), Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

**Neuroimmunology (Other immune-mediated neuropathies) 3**

Chairs : Kei Funakoshi

Department of Neurology, Dokkyo Medical University, Japan

Keita Takahashi

Department of Neurology and Stroke Medicine, Yokohama City University Hospital, Japan

**Pe-050-1** Validation of the Japanese Version of I-RODS Using Data from the Japan CIDP Registry

Eri Miyazaki

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

**Pe-050-2** Electrophysiological Predictors of Response to First-Line Treatment in Patients with CIDP

Koji Tsuzaki

Department of Neurology, Kansai Electric Power Hospital, Japan / Division of Clinical Neurology, Kansai Electric Power Medical Research Institute, Japan

**Pe-050-3** Safety and Efficacy of Riliprubart in CIDP: 76-week Phase 2 Trial Results [Encore Presentation]

Jie Lin

Department of Neurology and Rare Disease Center, Huashan Hospital, Fudan University, China

**Pe-050-4** Riliprubart Phase 3 MOBILIZE and VITALIZE Trials for CIDP are Actively Enrolling Globally [Encore Presentation]

Li Xiong

Sanofi R&amp;D, Neurology Development, USA

**Pe-050-5** Efficacy of Riliprubart in CIDP: Phase 2 Subgroup Analyses [Encore Presentation]

Miguel Alonso-alonso

Sanofi R&amp;D, Neurology Development, USA

**Pe-050-6** Exploratory Biomarker Analysis in a Phase 2 Trial of Riliprubart for CIDP [Encore Presentation]

Alex Seluzhytsky

Sanofi, Cambridge, USA

**Pe-050-7** Transitioning CIDP Patients from Efgartigimod to Tacrolimus: A Real-World Feasibility Exploration

Yujia Shen

Department of Neurology, Huashan Hospital, Fudan University, Shanghai, China / Rare Disease Center, Huashan Hospital, Fudan University, Shanghai, China / National Center for Neurological Disorders (NCND), Shanghai, China

**Pe-051** English Poster Session 051

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May 23 (Sat) 13:15 ~ 14:35 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

**Neurorehabilitation, Medical engineering, Medical treatment for incurable diseases 5**

Chairs : Motohiko Hara

Teikyo University Mizonokuchi Hospital, Japan

Shinsuke Fujioka

Department of Neurology, International University of Health and Welfare, Japan

**Pe-051-1** Effectiveness of Proprioceptive Neuromuscular Facilitation Stretching on Improving Vertical Jump

Mariah Cedic V. Nuniega

Saint Paul University Iloilo Philippines - College of Rehabilitation Sciences, Philippines

Pe-051-2 Yoga-Based Exercises for Hypoglycemia and Quality of Life in Pediatric Movement Disorders

Ranbir Singh

Multi-Omics Innovation and Research Foundation, India

Pe-051-3 Enhancing Post-Stroke Motor Learning through Reward-Driven Physical Activity

Helene E. Prochaska

Biomagnetic Center, Jena University Hospital, Jena, Germany

Pe-051-4 Motivation and Reward in Post-Stroke Neurorehabilitation: The Impact of Physical Activity

Karoline Tiroke

Biomagnetic Centre, 07747 Jena University Hospital, Friedrich Schiller University Jena, Germany

Pe-052 English Poster Session 052

En

May 23 (Sat) 13 : 15 ~ 14 : 35 Poster Session (PACIFICO Yokohama Exhibition Hall 1F Hall B)

Others (Basic research)

Chairs : Atsushi Nagai

Shimane University Faculty of Medicine Department of Neurology, Japan

Naoto Sugeno

Tohoku University, Japan

Pe-052-1 AI-Driven Design of Chitosan-PEG Nanoparticles for Targeted Neurotherapy

Anjani Kumar

Babasaheb Bhimrao Ambedkar University, Lucknow, India, India

Pe-052-2 Intervertebral Disc Herniation among Healthcare Workers: A Cross-Sectional Analysis from Almaty

Zarina Nurlanova

Institute of neurology named after Smagul Kaishibayev, Kazakhstan / Kazakh National Medical University named after S. Asfendiyarov, Kazakhstan

Pe-052-3 Improving iNPH Diagnosis: Predictive Value of Lumbar Infusion Testing for Shunt Responsiveness

Saurabh S. Gupta

Indian Council of Medical Research ICMR, India

Pe-052-4 Stress, Neuroimmune Activation, and Cultural Factors in Miscellaneous Neurological Syndromes

Farah M. Ilfa

University of Cape Town, South Africa

**Other Neurological problems (Clinical study) 4**

Chairs : Ken Johkura

Yokohama Brain and Spine Center, Japan

Meiko Maeda

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

**Pe-053-1** IP6K2 deficiency suppresses cell-to-cell propagation of abnormal protein aggregates

Naoto Suzuki

Department of Neurology, Tokai University School of Medicine, Isehara, Japan

**Pe-053-2** The effects of optokinetic stimuli on smooth pursuit eye movements

Takashi Jono

Department of Neurology, Yokohama Brain and Spine center, Japan

**Pe-053-3** Temporal changes in the movement direction of premature saccades

Shin-ichi Tokushige

Department of Neurology, The University of Tokyo, Japan / Department of Neurology, Kyorin University, Japan

**Pe-053-4** Analyses of H3K4 trimethylation and H3Q5 serotonylation in the oral mucosa of DYT-KMT2B patients

Ako Miyata

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

**Pe-053-5** Plasma Proteomic Analysis in Chronic Diphenylarsinic Acid (DPAA) Intoxication

Shogo Ohuchi

Department of Neurology, University of Tsukuba Hospital, Japan