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 Ownershp 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 Neuroscience, 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 autopsy 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-1, 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

Pe-004 English Poster Session 004 En

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

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 OXPHOS and ECM Pathways
Hui-chen Ku
Taipei Tzu Chi Hospital, Taiwan

Pe-004-6 withdrawn

Pe-004-7 withdrawn

Pe-005 English Poster Session 005 En

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

Parkinson's disease (Clinical study) 2

Chairs : Takafumi Hasegawa
Dept Neurology, NHO Sendai-Nishitaga Hospital, Japan
Mizuki Ito
Fujita Health University Bantane Hosipital, 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 Medica 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

Pe-008 English Poster Session 008 En

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

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+ 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+ T Cells in AQP4-NMOSD
Elfiany Syafruddin
Computational Science Research Laboratory, Science, Society, Technology Commons, Indonesia

Pe-009 English Poster Session 009 En

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

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 Chucheep
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 155/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

Pe-013 English Poster Session 013 En

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

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 withdrawn

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

Pe-014 English Poster Session 014 En

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

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

Pe-015 English Poster Session 015 En

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

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 DM1 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
Deparment 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 hosital, 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 (Ape-01-2) The effects of regular dental scaling on the complications and mortality after stroke
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 diseas : 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

Pe-018 English Poster Session 018 En

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

Parkinson's disease (Biochemistry)

Chairs : Masato Kanazawa
Niigata University of Health and Welafre/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
Kentaro Gejima
Department of Neurology Juntendo University School of Medicine, Japan

Pe-018-3 Aggregated α-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

Pe-019 English Poster Session 019 En

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

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 Pathobiology, Research Institute of Environmental Medicine, Nagoya 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, BRI, Niigata University, Japan

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

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

★Nominees for the Best Presentation Award for the International Participants

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 Medecine, 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 encephlitis) 2

Chairs : Shunya Nakane
Department of Neurology, Universtiy 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, Hakuaikai 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

Hirioshi 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

Pe-028 English Poster Session 028 En

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

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 & 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

Pe-029 English Poster Session 029 En

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

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 Perihaematomal 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 diseas : 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, Gradeuate 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 Respirology, 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
Faculy of Medicine, Department of Neurology, Universitas Udayana, Indonesia

Pe-033-4 withdrawn

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

Natsumi Takemura
Department of Neurology, Juntendo Hospital, Japan

Pe-034 English Poster Session 034 En

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

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

Pe-035 English Poster Session 035 En

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

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 & 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

Pe-038 English Poster Session 038 En

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

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

Sahnaz V. Putri
Health Management Laboratory, Indonesia Open University, Indonesia

Pe-039 English Poster Session 039 En

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

Muscle disease

Chairs : Takahiro Nakayama
Department of Neurology, Division of Neuromusucular 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

★Nominees for the Best Presentation Award for the International Participants

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 TSPO 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

Pe-042 English Poster Session 042 En

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

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 Neurosuregry, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, India

Pe-043 English Poster Session 043 En

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

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 CentreExperience
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

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

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

Pe-045 English Poster Session 045 En

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

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

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

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

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

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

Pe-045-5 Regional Versus Widespread Amyloid Deposition in Real-world Patients Receiving Anti-Aß Antibodies
Gen Yoshii
Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology (TMIG), Japan

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 Auny
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 TRAP1 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 Nuerological 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 & Evolution Research Unit, University of Finland, Finland

Pe-049 English Poster Session 049 En

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

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

Pe-050 English Poster Session 050 En

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

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&D, Neurology Development, USA

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

Miguel Alonso-alonso
Sanofi R&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 En

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 Cedie 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 Neurollogy, 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