

Pe-001 English Poster Session 001**En****May 31 (Wed) 17 : 20 ~ 18 : 40 Poster Session** (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)**CVD 1****Chairs : Masaki Ikeda**Division of General Education (Neurology), Faculty of Health & Medical Care,
Saitama Medical University, Japan**Jun Sawada**

Division of Neurology, Asahikawa Medical University Hospital, Japan

Pe-001-1 **Vertebral artery tortuosity on magnetic resonance imaging/
angiography and vascular risk factors****Takayuki Katayama**

Department of Neurology, Asahikawa City Hospital, Japan

Pe-001-2 **Blood viscosity in ischemic stroke: association with small vessel
disease and intraarterial signal****Takeo Sato**

Department of Neurology, The Jikei University School of Medicine, Japan

Pe-001-3 **In-hospital ischemic stroke treated with mechanical thrombectomy****Masahiko Ichijo**

Department of neurology, Musashino Red Cross Hospital, Japan

Pe-001-4 Adverse neurological events and stroke-like syndrome after COVID-19 vaccination

Kongkiat Kulkantrakorn
Thammasat University, Thailand

Pe-001-5 Prevalence of cerebral small vessel disease in Adult Japanese Patients with Fabry

Jun Sawada
Department of Neurology, Asahikawa Medical University Hospital, Japan

Pe-002 English Poster Session 002

En

May 31 (Wed) 17:20 ~ 18:40 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Dementia 1

Chairs : Hideaki Wakita

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

Kazushi Suzuki

Division of Neurology, National Defense Medical College, Japan

Pe-002-1 Living arrangements and education duration associated with regular hospital attendance in MCI or AD

Yasuyuki Honjo

Kyoto Kaisei Hospital, Japan / Kyoto Miniren Asukai Hospital, Japan / Kyoto Narabigaoka Hospital, Japan / Department of Occupational Therapy, Faculty of Health Sciences, Kyoto Tachibana University, Japan

Pe-002-2 Investigate cerebrospinal fluid volumes to evaluate idiopathic normal pressure hydrocephalus

Hongliang Li

Department of Neurology, Aviation General Hospital, Beijing, 100012, China, Japan

Pe-002-3 The diagnostic accuracy of Dat image and MIBG scintigraphy in dementia with Lewy bodies

Zhihui Tang

Department of Neurology, Graduate School of Medicine, Chiba University, Japan / *Department of Diagnostic Radiology and Radiation Oncology, Graduate School of Medicine, Chiba University, Japan

Pe-002-4 Cluster analysis of Neuropsychiatric Symptoms and relation with 18F FCI19S PET in AD

Yong Tae Kwak

Department of Neurology, Hyoja Geriatric Hospital, Korea

Pe-002-5 withdrawn

Dementia: 2 (AD Biomarkers)

Chairs : Yasushi Iwasaki

Institute for Medical Science of Aging, Aichi Medical University, Japan

Tatsuhiro Terada

Department of Neurology, Shizuoka Institute of Epilepsy and Neurological Disorders/Department of Biofunctional Imaging, Hamamatsu University School of Medicine, Japan

Pe-003-1 High neocortical tau PET signal in the absence of amyloid beta

Hitoshi Shinotoh

Department of Functional Brain Imaging, Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology (QST), Japan / Neurology Clinic Chiba, Japan

Pe-003-2 Mitochondrial dysfunction is associated with cognitive decline in Alzheimer's disease

Tatsuhiro Terada

Department of Biofunctional Imaging, Preeminent Medical Photonics Education & Research Center, Hamamatsu University School of Medicine, Japan / Department of Neurology, Shizuoka Institute of Epilepsy and Neurological Disorders, Japan / McGill University Research Centre for Studies in Aging, Japan

Pe-003-3 CSF biomarkers in non-AD control subjects in the presence of statins, a preliminary study

Yasushi Tomidokoro

Dept. of Neurology, Institute of Medicine, University of Tsukuba, Japan

Pe-003-4 CSF and serum Galectin-3 in Alzheimer's disease

Kazuya Goto

Kyoto University Graduate School of Medicine, Department of Regulation of Neurocognitive Disorders, Japan / Kyoto University Graduate School of Medicine, Department of Neurology, Japan

Pe-003-5 Estimates of Amyloid abnormalities across the Alzheimer Disease Clinical Spectrum in Japan

Akitoshi Takeda

Department of Neurology Osaka Metropolitan University, Japan

Pe-003-6 ~~Cerebrospinal fluid tau biomarkers show strong potential in early selection for shunt surgery~~~~Chunyan Liu~~~~Aviation General Hospital, China~~**withdrawn**

PD and related disorders: Clinical research-1

Chairs : Masahiko Suzuki

The Jikei University School of Medicine Department of Neurology, Japan

Tatsuya Yamamoto

Department of Rehabilitation Sciences, Chiba Prefectural University of Health Sciences, Japan

Pe-004-1 Clinical profile of early drug-naïve Parkinson's disease aged \geq 80 years at diagnosis

Keiko Hatano

Department of Neurology, Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology, Japan

Pe-004-2 Update on Perry disease in Japan: Analysis of long-term survivors and genetic counseling

Takayasu Mishima

Department of Neurology, Fukuoka University Hospital, Japan

Pe-004-3 A randomized study investigating the efficacy of elobixibat in Parkinson's disease; CONST-PD

Taku Hatano

Department of Neurology, Juntendo University Faculty of Medicine, Japan

Pe-004-4 Lumboperitoneal shunt surgery on iNPH comorbid with Parkinson's disease (LPS-PD study)

Taiji Tsunemi

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-004-5 Longitudinal Study of Psychiatric Symptoms in PD Patients Associated with the COVID-19 Pandemic

Fukiko Kitani-morii

Department of Neurology, Kyoto Prefectural University of Medicine, Japan / Department of Molecular Pathobiology of Brain Diseases, Kyoto Prefectural University of Medicine, Japan

Pe-004-6 Identifying biomarkers associated with mild cognitive impairment in Parkinson Disease

Deng Xiao

National Neuroscience Institute, Singapore

PD and related disorders: Imagings: Basic research-1

Chairs : Hideki Shimura

Juntendo university, Japan

Shinichiro Nakamura

Department of Neurology, Koshigaya Municipal Hospital, Japan

Pe-005-1 Calcium-calmodulin-calcineurin signaling modulates alpha-synuclein transmission

Jun Ueda

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

Pe-005-2 Phenotype-based classification of idiopathic Parkinson's disease derived iPSCs and its application

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-005-3 The characterization of iPSC derived-blood brain barrier (iBBB)

Tomoyo Shimada

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-005-4 Studying Asian-related LRRK2 risk variants in the patient iPSC-derived neurons

Bin Xiao

National Neuroscience Institute, Singapore

Pe-005-5 withdrawn

PD and related disorders: Basic research-2

Chairs : Taro Ishiguro

Tokyo Medical and Dental University, Department of Neurology and Neurological science, Japan

Naoto Sugeno

Department of Neurology, Tohoku University, Japan

Pe-006-1 Lipid mediator analysis in a mouse model of Prodromal Parkinson's Disease

Masashi Ikuno

Department of Neurology Kyoto University Graduate School of Medicine, Japan

Pe-006-2 Distinct distribution of neurodegeneration between homozygous and heterozygous mice Psap mutations

Kentaro Gejima

Department of Neurology Juntendo University School of Medicine, Japan

Pe-006-3 Lesional differences in the medial forebrain bundle and striatum of 6-OHDA Parkinson's disease mice

Masato Okitsu

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

Pe-006-4 The peripheral blood abnormalities in a mouse model for prodromal Parkinson's disease

Jiarui Chang

Department of Neurology Kyoto University Graduate School of Medicine, Japan

Pe-006-5 withdrawn

Pe-007 English Poster Session 007

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May 31 (Wed) 17:20 ~ 18:40 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

PD and related disorders: Basic research-3

Chairs : Kenya Nishioka

Juntendo Tokyo Koto Geriatric Medical Center, Japan

Shinsuke Fujioka

Department of Neurology, Fukuoka University, Japan

Pe-007-1 Homocysteine promotes phosphorylation and aggregation on alpha-synuclein

Soichi Enomoto

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

Pe-007-2 Single-Dose Intranasal alpha-Synuclein PFFs Induces Lewy Neurite-Like Pathology in Olfactory Bulb

Masanori Sawamura

Kyoto University Hospital, Japan

Pe-007-3 Loss of MPAN-related C19orf12 alters lipid metabolism and autophagy-lysosome pathway in Drosophila

Kenta Shiina

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

Pe-007-4 Effects of autophagic degradation on insoluble α -synuclein under basal and rapamycin-induced states

Taiki Sawai

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

Pe-007-5 withdrawn

Pe-007-6 withdrawn

ALS 1

Chairs : Takuto Hideyama

Tokyo Medical University Hospital, Japan

Mana Higashihara

Department of Neurology, Tokyo Metropolitan Geriatric Hospital, Japan

Pe-008-1 Reduction of GGGGCC repeat RNA by hnRNPA3 suppresses neurodegeneration in C9orf72-ALS/FTD flies

Tomoya Tamiatto

Dept Neurology, Kindai Univ Faculty of Med, Osaka, Japan / Dept Neurotherapeutics, Osaka Univ Grad Sch of Med, Osaka, Japan

Pe-008-2 Simple and efficient scarless genome-editing in patient-derived lymphoblastoid cell lines

Satoshi Yokoi

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

Pe-008-3 Disease-associated mutations dysregulate phase separation of RBPs in neurodegenerative diseases

Hitoki Nanaura

Department of Neurology, Nara Medical University, Japan

Pe-008-4 Analysis of TDP-43 pathology for upper motor neurons in ADAR2-conditional knockout mice

Takuto Hideyama

Department of Neurology, Tokyo Medical Hospital, Japan

Pe-008-5 A novel reporter, TDP-DiLuc, detects TDP-43 monomerization preceding TDP-43 pathology

Kotaro Oiwa

Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Department of Neuroscience and Pathobiology, Nagoya University Graduate School of Medicine, Nagoya University, Japan

SCD 1

Chairs : Kazuhiro Ishii

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

Takaaki Hattori

Tokyo Medical and Dental University, Department of Neurology, Japan

Pe-009-1 Paradoxical MRI exacerbation in anterior temporal lobe in superficial siderosis after dural closure

Takaaki Hattori

Tokyo Medical and Dental University, Department of Neurology and Neurological Science, Japan

- Pe-009-2** Study of penetrance of SCA6
Yuya Hatano
Department of Neurology, Brain Research Institute, Niigata University, Japan
- Pe-009-3** A clinical, genetic, and pathological study of autosomal recessive spinocerebellar ataxia-8 in Japan
Akihiko Mitsutake
Department of Neurology, The University of Tokyo Hospital, Japan / Department of Neurology, International University of Health and Welfare Mita Hospital, Japan
- Pe-009-4** AJA030-002:Phase II Study of a Protein Aggregation Inhibitor for Polyglutamine Disease
Tomohiko Ishihara
Department of Neurology, Brain Research Institute, Niigata University, Japan
- Pe-009-5** Natural history and epidemiological study of multiple system atrophy in Hokkaido: HoRC-MSA project
Masaaki Matsushima
Department of Neurology, Hokkaido University, Japan

Pe-010 English Poster Session 010

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May 31 (Wed) 17:20 ~ 18:40 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Neuroimmunology (MG)

Chairs : Takashi Irioka
Yokosuka Kyosai Hospital, Japan
Naoko Matsui
Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan

- Pe-010-1** withdrawn
- Pe-010-2** The design of LUMINESCE:
A phase 3 trial of satralizumab in patients with gMG
Takamichi Sugimoto
Department of Clinical Neuroscience and Therapeutics, Hiroshima University, Japan
- Pe-010-3** MYASTHENIA GRAVIS IN CRISIS AS AN INITIAL PRESENTATION OF SYSTEMIC LUPUS ERYTHEMATOSUS A CASE REPORT
Geode Allan V. Diansuy
Zamboanga City Medical Center, Philippines
- Pe-010-4** withdrawn
- Pe-010-5** Repetitive nerve stimulation and clinical characteristics among the patients with myasthenia gravis
Munkhbayar Rentsenbat
Reflex clinic, Mongolia

Neuroimmunology (Others)

Chairs : Ken Johkura

Yokohama Brain and Spine Center, Japan

Ryo Yamasaki

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

Pe-011-1 NRP-1⁺ Th cells expand CD11c⁺ B cells that are potent source of brain reactive autoantibodies

Eiichiro Amano

Tokyo Medical and Dental University, Department of Neurology and Neurological Science, Japan / Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan

Pe-011-2 Early postnatal allergy induces inflammation in the olfactory bulb and leads to autistic traits

Eizo Tanaka

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

Pe-011-3 Quality of life of patients following anti-NMDA receptor encephalitis

Satoshi Hirose

Division of Neurology, Department of Medicine, Nihon University School of Medicine, Japan

Pe-011-4 The Clinical and Radiological Features and Prevalence of Neuro-Behçet's Disease: A Multicenter Study

Danya A. Aljafari

College of Medicine, King Saud bin Abdulaziz University for Health Science- Jeddah, Saudi Arabia

Pe-012 English Poster Session 012**PNS disorders 1**

Chairs : Kensuke Shiga

Matsushita Memorial Hospital, Japan

Motoi Kuwahara

Department of Neurology, Kindai University Faculty of Medicine, Japan

Pe-012-1 Efficacy and Safety of Eculizumab in a Phase 3 Trial in Guillain-Barré Syndrome

Satoshi Kuwabara

Department of Neurology, Chiba University, Japan

Pe-012-2 Characteristics of Guillain-Barré syndrome in super-elderly individuals

Mai Minamino

Wakayama Medical University, Japan

- Pe-012-3** The impact of COVID-19 on occurrence and anti-glycolipid antibodies in Guillain-Barré syndrome

Keisuke Yoshikawa

Department of Neurology, Kindai University Faculty of Medicine, Japan

- Pe-012-4** CASE SERIES ON MILLER FISHER SYNDROME: AN UNUSUAL INCREASED INCIDENCE AT THE END OF THE YEAR

Mutiah Muftihaturrahmah

Neurology Department, Faculty of Medicine, Universitas Gadjah Mada, RSUP DR Sardjito, Yogyakarta, Indonesia

- Pe-012-5** Bickerstaff Brainstem Encephalitis with Diffuse White Matter Involvement: A Case Report

Grace Elysse Angeles

University of the Philippines - Philippine General Hospital, Philippines

- Pe-012-6** Enhancement effect of phosphatidic acid on IgM reactivities to GM1 in multifocal motor neuropathy

Motoi Kuwahara

Department of Neurology, Kindai University Faculty of Medicine, Japan

Pe-013 English Poster Session 013

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June 1 (Thu) 17:50 ~ 19:10 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

CVD 2

Chairs : Katsuhiko Ogawa

Division of Neurology, Department of Medicine, Nihon University School of Medicine, Japan

Akihiro Shindo

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

- Pe-013-1** The characteristics of cerebrovascular diseases in pseudoxanthoma elasticum, literature review

Shoichiro Ando

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

- Pe-013-2** Proposal of a novel disease entity: pro-hemorrhagic CADASIL

Hiroyuki Ishiyama

Department of Neurology, National Cerebral and Cardiovascular Center, Japan

- Pe-013-3** CORRELATION BETWEEN SERUM URIC ACID LEVEL AND THE SEVERITY OF ACUTE ISCHEMIC STROKE

Qurani H. Nuraningrum

Gadjah Mada University, Indonesia

- Pe-013-4** A randomized controlled study of different parenteral fluid amounts in acute ischemic stroke outcome

Mintra Tangrungruengkit

Nopparat Rajathanee Hospital, Thailand

Pe-013-5 AN EARLY-STAGE PRIMARY BRAIN TUMOR PRESENTED WITH A STROKE-LIKE CLINICAL MANIFESTATIONS

Grendy G. Kurniawan

Gadjah Mada University, Indonesia

Pe-014 English Poster Session 014

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June 1 (Thu) 17:50 ~ 19:10 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Dementia 3 (AD)

Chairs : Tsuyoshi Hamaguchi

Department of Neurology, Kanazawa Medical University, Japan

Yasuyuki Ohta

Division of Neurology and Clinical Neuroscience, Department of Internal Medicine III, Yamagata University School of Medicine, Japan

Pe-014-1 ~~Inactivation of seeding activity of amyloid beta-protein aggregates in vitro~~

Withdrawn

~~**Hiroto Nakano**~~

~~Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences, Japan~~

Pe-014-2 Pathological analysis of tau and p-TDP-43 deposition in the temporal lobe in Alzheimer's disease

Hideyuki Moriyoshi

Department of Neurology, Nagoya University, Japan / Department of Neuropathology, Institute for Medical Science of Aging, Aichi Medical University, Japan

Pe-014-3 Transthyretin has a positive effect on Alzheimer's disease by connecting intracellular Amyloid-beta

Yuri Mizuno

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Neurology, International University of Health and Welfare, Narita, Japan

Pe-014-4 Syk inhibitor decreased oligomeric tau

Tomohisa Yamaguchi

Department of Neurology, University of Fukui Hospital, Japan

Pe-014-5 SV2B can reduce amyloid beta production by inhibiting intracellular trafficking of BACE1

Takafumi Wada

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

PD and related disorders: Clinical research-2

Chairs : Tomohiko Nakamura

Department of Neurology, Hamamatsu University Hospital, Japan

Haruo Nishijima

Hirosaki University Hospital, Japan

Pe-015-1 Three-dimensional motion analysis in Parkinson's disease

Hirofumi Matsumoto

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

Pe-015-2 Development of an Algorithm to Automatically Assess Motor Symptoms of Parkinson's Disease

Satoko Sekimoto

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-015-3 Elucidation of visual dysfunction in Lewy body disease using information technology

Takashi Uematsu

Nagoya University Graduate School of Medicine Department of Neurology, Japan

Pe-015-4 Gait problems and motor complications in Parkinson's disease

Yukari Morita

Department of Neurology, Kochi Medical School Hospital, Japan

Pe-015-5 Free-water Imaging in the white matter under Selegiline Treatment in Parkinson's Disease

Haruka Takeshige-amano

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

Pe-016 English Poster Session 016**PD and related disorders: Clinical research-3 (Biomarkers-1)**

Chairs : Yasuhiro Kawamoto

Center of Neurological and Cerebrovascular Diseases, Koseikai Takeda Hospital, Japan

Yuta Kajiyama

Neurology, Kawasaki Medical School, Japan

Pe-016-1 Abnormally low liver enzymes and pyridoxal depletion in Parkinsonian patients treated with levodopa

Daiki Kamiyama

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

Pe-016-2 Genetic analysis of GBA2 for Parkinson's disease in Japan

Mayu Ishiguro

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-016-3 Accumulation of AIF in neuronal and glial inclusions in brains with alpha-synucleinopathies

Yasuhiro Kawamoto

Center of Neurological and Cerebrovascular Diseases, Koseikai Takeda Hospital, Japan

Pe-016-4 Female as a predictor for side effects after switching to ropinirole patch for Parkinson's disease

Rie Tohge

Department of Neurology, Kansa Medical University, Japan / Department of Neurology, Kansa Medical University Medical Center, Japan / Department of Neurology, Ishikiriseiki Hospital, Japan

Pe-016-5 High Level of Uric Acid is Associated with Striatum Atrophy in Normal Aging

Jen-hung Wang

Hualien Tzu Chi Hospital, Taiwan

Pe-017 English Poster Session 017

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June 1 (Thu) 17:50 ~ 19:10 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

PD and related disorders: Basic research-4

Chairs : Tetsuya Takahashi

Department of Rehabilitation Hiroshima International University, Japan

Takahito Yoshizaki

Osaka City Kosaiin Hospital, Japan

Pe-017-1 Verification of mitophagy in Parkin knockout mice

Shigeto Sato

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

Pe-017-2 Metabotropic glutamate receptor type 5 antagonist prevents dyskinesia in Parkinson's disease rat

Hikaru Kamo

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-017-3 Distinct biological activity of Lewy body alpha-Synuclein strain in mice

Norihito Uemura

Department of Neurology, Kyoto University Hospital, Japan / Center for Neurodegenerative Disease Research, University of Pennsylvania School of Medicine, USA

Pe-017-4 Mesencephalic glia contributes to alpha-synuclein expression and neurotoxicity in parkinsonian model

Ikuko Miyazaki

Dept. of Med. Neurobiol., Okayama Univ. Grad. Sch. of Med., Dent. and Pharmaceut. Sci., Japan

Pe-017-5 withdrawn

Pe-017-6 Parkin forms self-aggregation and self-ubiquitination by uncoupler and accumulates on mitochondria

Tohru Kitada

Otawa-Kagaku, Neuroscience, Japan

PD and related disorders: Basic research-5

Chairs : Akira Kuzuya

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

Masashi Hamada

Department of Neurology, The University of Tokyo, Japan

Pe-018-1 Comprehensive Analysis of TRPML1 complex involved in lysosomal clustering using proximity labeling

Shumpei Shimizu

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

Pe-018-2 Rab40 targets DNAJC13 to the ubiquitin-proteasomal degradation

Kazuki Sato

Division of Neurology, Department of Neuroscience & Sensory Organs, Tohoku University
Graduate School of Medicine, Japan**Pe-018-3 Autophagy inducer screening based on the lysosomal positioning against Parkinson's disease**

Yuki Date

Department of Biology, Graduate school of Science and Engineering, Chiba University, Japan /
Juntendo University Graduate School of Medicine, Japan**Pe-018-4 Sortilin acts as an endocytic receptor for alpha-synuclein fibril**

Shun Ishiyama

Department of Neurology, Tohoku University Hospital, Japan

Pe-018-5 Parkinson's disease-linked prosaposin gene mutation affects progranulin trafficking

Ryo Wakamori

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-018-6 withdrawn**ALS 2**

Chairs : Yasumasa Kokubo

Mie University Graduate School of Regional Innovation Studies, Japan

Naoki Atsuta

Department of Neurology, Aichi Medical University School of Medicine,
Japan**Pe-019-1 Natural history of ALS and Parkinsonism-dementia complex of the Kii peninsula of Japan (Kii ALS/PDC)**

Yasumasa Kokubo

Kii ALS/PDC Research Center, Mie Univ. Graduate School of Regional Innovation Studies,
Japan

Pe-019-2 Clinical features of six cases of amyotrophic lateral sclerosis with lower limb-onset

Saki Nakashima

Teikyo University Chiba Medical Center, Department of Neurology, Japan

Pe-019-3 The impact of HAL therapy on ALS patients

Harumi Morioka

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-019-4 The urgent need to advance disaster preparedness for amyotrophic lateral sclerosis patients

Mari Shibukawa

Department of Neurology, Toho University Faculty of Medicine, Japan

★ **Pe-019-5 Circulating cytokine signature profile in amyotrophic lateral sclerosis**

(APe-01-5) Chun-zuan Xu

Department of Neurology, Fujian Medical University Union Hospital, Fuzhou, China / Institute of Clinical Neurology, Fujian Medical University, Fuzhou, China

Pe-020 English Poster Session 020

En

June 1 (Thu) 17:50 ~ 19:10 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

SCD 2

Chairs : Takashi Sugiyama

Department of Neurology, University of Miyazaki, Japan

Tomoyuki Ishimoto

Department of Neurology, Kyoto University Hospital, Japan

Pe-020-1 Chemical chaperones ameliorate neurodegeneration via improvement of cholesterol biosynthesis

Takashi Sugiyama

Department of Neurology, Faculty of Medicine, University of Miyazaki Hospital, Japan / Laboratory of Biochemistry and Molecular Biology, Faculty of Medicine, University of Miyazaki, Japan

Pe-020-2 Gordon Holmes syndrome and SCA17-DI: pathologic features of 2 patients with Huntington-like disorder

Rie Saito

Dep. of Pathol., Brain Research Institute, Niigata Univ., Japan

Pe-020-3 Characterization of a genetic variant identified in SCA3 patients with delayed onset of disease

Yi-ching Chang

Institute of Biochemistry and Molecular Biology, National Yang Ming Chiao Tung University, Taipei, Taiwan

Pe-020-4 Improvement of clinical signs/symptoms of spinocerebellar ataxia type 19 by dalfampridine

Yaz Y. Kisanuki

The Ohio State University Wexner Medical Center, Department of Neurology, USA

Neuroimmunology (MOGAD, NMOSD, AE)

Chairs : Masaaki Niino

Department of Clinical Research, NHO Hokkaido Medical Center, Japan

Yuji Tomizawa

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

Pe-021-1 withdrawn

Pe-021-2 The design of METEOROID:
A phase 3 trial of satralizumab in patients with MOGAD

Yuji Tomizawa

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

Pe-021-3 Efficacy and Safety of Inebilizumab as Treatment for Newly
Presenting NMOSD [Encore Presentation]

Dewei She

Horizon Therapeutics, USA

Pe-021-4 The design of CIELO: A phase 3 trial of satralizumab in patients
with autoimmune encephalitis (AE)

Hideto Nakajima

Nihon University, Neurology, Japan

Pe-021-5 Long-term outcome and quality of life in patients with autoimmune
encephalitis

Yuki Yokota

Division of Neurology, Department of Medicine, Nihon University School of Medicine, Japan

Muscle disorders 1

Chairs : Masanori Takahashi

Clinical Neurophysiology, Osaka University Graduate School of Medicine,
Japan

Takahiro Nakayama

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

Pe-022-1 COMET: Efficacy & safety of avalglucosidase alfa after 145 weeks in
late-onset Pompe disease (LOPD) [Encore Presentation]

Mitsunobu Ikeda

Sanofi, Japan

Pe-022-2 **ENDOTHELIAL BARRIER DISRUPTION AND PLATELET THROMBI IN SURAL NERVES OF 2 CASES WITH POEMS SYNDROME**

Hiroki Takeuchi

Department of Neurology, NHO Minami Kyoto Hospital, Japan

Pe-022-3 **Clinicopathological features and outcomes of 105 patients with idiopathic inflammatory myopathy**

Ai Yamanaka

Department of Neurology, Nara Medical University, Japan

Pe-022-4 **Genetic Spectrum and Founder Effect of Non-dystrophic Myotonia: A Japanese case series study**

Jun-hui Yuan

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

Pe-022-5 **Quantitative analysis of brain atrophy in patients with myotonic dystrophy (DM1) using MRI**

Takahiro Nakayama

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

Pe-023 English Poster Session 023

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June 1 (Thu) 17 : 50 ~ 19 : 10 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

PNS disorders 2

Chairs : Hiroshi Amino

JR Tokyo General Hospital, Japan

Tomoki Suichi

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

Pe-023-1 **Pathogenic PSAT1 variants and autosomal recessive axonal Charcot-Marie-Tooth disease with ichthyosis**

Yanyu Lu

Peking University First Hospital, China

Pe-023-2 **Charcot-Marie-Tooth disease with optic atrophy: clinicopathologic features of an autopsied patient**

Hideki Hayashi

Department of Pathology, Brain research institute, Niigata university, Japan

Pe-023-3 **The duration ratio in NCS can be an indicator for distinguishing demyelinating CMT from CIDP**

Takamasa Kitaoji

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

- Pe-023-4** Intravenous administration of adeno-associated virus 9 in a symptomatic mouse model of Fabry disease
Yuka Hayashi
Division of Genetic Therapeutics, Center for Molecular Medicine, Jichi Medical University, Japan / Jichi Medical University Saitama Medical Center, Japan

- Pe-023-5** Neurological manifestations associated with nitrous oxide use
Yihui Goh
National University Hospital, Singapore / Department of Medicine, Yong Loo Lin School of Medicine, National University of Singapore, Singapore

- Pe-023-6** Potential neurotoxicity associated with Methotrexate:
Case-series from a single-center cohort
Natnasak Apiraksattayakul
Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

Pe-024 English Poster Session 024

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June 1 (Thu) 17:50 ~ 19:10 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Infectious diseases

Chairs : Takuya Ohkubo
Department of Neurology, Yokohama City Red Cross Hospital, Japan
Koji Fujita
Department of Neurology, Tokushima University, Japan

- Pe-024-1** Three cases of pyogenic ventriculitis complicated by bacterial meningitis without neurosurgery
Koji Furukawa
Department of Neurology, Kitano Hospital, The Tazuke Kofukai Medical Research Institute, Japan

- Pe-024-2** Long-term prognosis of adverse effects after HPV vaccination: 10-year follow-up
Toshiaki Hirai
Departments of Neurology, Mizonokuchi Hospital, Teikyo University School of Medicine, Japan

- Pe-024-3** Primary neurolymphomatosis presented as recurrent cranial neuropathies: A Case Report
Hao-peng Liang
Taipei Municipal Wanfang Hospital, Taiwan

- Pe-024-4** BRAIN ABSCESS AS A RARE COMPLICATION IN PATIENTS WITH CONGENITAL HEART DISEASE: CASE SERIES
Gheanita Ariasthapuri
Neurology Department, Faculty of Medicine Gadjah Mada University, RSUP dr Sardjito Yogyakarta Indonesia, Indonesia

- Pe-024-5** withdrawn

Sleep disorders

Chairs : Shinji Ohara

Department of Neurology, Japan

Masayuki Miyamoto

Dokkyo Medical University School of Nursing/Department of Neurology
Dokkyo Medical University Hospital, Japan

- ★ Pe-025-1 Effects of 40 Hz high-definition tACS on subjective sleep quality and cognition in preclinical AD
(APe-01-6)

Hanna Lu

The Chinese University of Hong Kong, Hong Kong SAR, China / The Affiliated Brain Hospital of Guangzhou Medical University, Hong Kong SAR, China

- Pe-025-2 Sleep disorder in idiopathic normal pressure hydrocephalus assessed by a sheet sensor, Vital Beats

Chifumi Iseki

Division of Neurology and Clinical Neuroscience, Department of Internal Medicine III, Yamagata University School of Medicine, Yamagata, Japan

- Pe-025-3 Excessive daytime sleepiness associated with new-onset diabetes mellitus and glucose intolerance

Shinji Ohara

Department of Neurology, Iida Hospital, Japan

- Pe-025-4 withdrawn

- Pe-025-5 withdrawn

- Pe-025-6 Delusional Misidentification Syndrome in Basal Forebrain Lesion

Simon Kang Seng Ting

National Neuroscience Institute, Singapore

Other Neurological Problems 1

Chairs : Hiroto Fujigasaki

Tokyo Metropolitan Bokutoh Hospital, Japan

Hiroshi Kuroda

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

- Pe-026-1 Correlation between memory function and glucose metabolism in temporal lobe epilepsy

Naoya Mimura

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

Pe-026-2 Bidirectional finger movement modulation by paired corticospinal-motoneuronal stimulation

Takenobu Murakami

Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University, Japan

Pe-026-3 Network modification in irritative zones of epilepsy: a comparison between CCEP and HCP connectomes

Masaya Togo

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

Pe-026-4 Research productivity among Filipino neurologists: a bibliometric analysis

Almira Doreen Abigail O. Apor

University of the Philippines Manila College of Medicine - Philippine General Hospital, Philippines

Pe-026-5 Association between intractable spinal cord sarcoidosis and mechanical compression

Hiroshi Kuroda

Department of Neurology, Tohoku University Graduate School of Medicine, Japan / Department of Neurology, South Miyagi Medical Center, Japan

Pe-027 English Poster Session 027

En

June 1 (Thu) 17:50 ~ 19:10 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Other Neurological Problems 2

Chairs : Tatsuro Mutoh

Fujita Health University Hospital, Japan

Hiroyuki Nodera

Neuromuscular disease center, Tenri Hospital, Japan

Pe-027-1 Data augmentation improves machine learning-based identification of needle EMG resting discharges

Hiroyuki Nodera

Department of Neurology, Tenri Hospital, Japan

Pe-027-2 ~~Novel prion mutation (p.Tyr225Cys) in a Korean patient with atypical Creutzfeldt-Jakob disease~~

~~Youngsoon Yang~~

~~Soonchunhyang University College of Medicine, Korea~~

withdrawn

Pe-027-3 Novel technology for splice modulation in CNS by PMO/RNA heteroduplex

Mitsugu Yanagidaira

Tokyo Medical and Dental University, Japan

Pe-027-4 Possible Cross-talk of nicotinic acetylcholine receptor and Trk-neurotrophin receptor in PC12 cells

Tatsuro Mutoh

Fujita Health University Hospital, Japan

Pe-027-5 ~~Effects of Prazosin and Propranolol on Sodium Potassium ATPase activity of rat brain during sleep~~

~~Sukrat Sinha~~

~~Nehru Gram Bharati University, India~~

withdrawn

Pe-028 English Poster Session 028

En

June 2 (Fri) 16 : 00 ~ 17 : 20 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

CVD 3

Chairs : Hirokazu Ueda

Department of Neurology, JCHO Osaka Hospital, Japan

Wakoh Takahashi

Department of Neurology, Tokai University Oiso Hospital, Japan

Pe-028-1 Effective delivery of lipid conjugated DNA/RNA heteroduplex oligonucleotide to acute ischemic brain

Keiko Ichinose

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

Pe-028-2 Gut microbial LPS-induced neuroinflammation and cognitive impairment in diet-induced obese mice

Toshiki Inaba

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-028-3 miRNA-mediated polarization of oxygen-glucose deprivation-induced peripheral blood mononuclear cells

Yutaka Otsu

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

Pe-028-4 Hematoma Aspiration Relief Mitochondrial Dysfunction in Severe Intracerebral Hemorrhage Rats

Hock-kean Liew

Department of Medical Research, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan / PhD Program in Pharmacology and Toxicology, Tzu Chi University, Hualien, Taiwan / Neuro-Medical Scientific Center, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

Pe-028-5 Effects of Urocortin in Severe ICH-permitting Hematoma Aspiration Injury Rat Model

Pei Ying Cheah

Master Program in Pharmacology and Toxicology, Tzu Chi University, Hualien, Taiwan / Department of Medical Research, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

Dementia: 4 (AD)

Chairs : Noriyuki Matsukawa

Department of Neurology, Nagoya City University, Japan

Takashi Kasai

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

Pe-029-1 Relationship between ATG9A and Tau proteins

Hiroo Kasahara

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

Pe-029-2 Lithium chloride reduces phosphorylated tau protein

Rei Asano

Department of Neurology, University of Fukui Hospital, Japan

Pe-029-3 Apomorphine activates insulin signaling and protects cells from Alzheimer's amyloid-beta toxicity

Saho Fujishita

Department of Neurology and Geriatric Medicine, Ehime University, Japan

Pe-029-4 Donepezil reduces phosphorylated tau

Hirohito Sasaki

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

Pe-029-5 Angiogenesis in Alzheimer's disease model mice: role of placental growth factor and angiopoietin 2

Abdullah Md Sheikh

Shimane University, Japan

PD and related disorders: Clinical research-4 (Imaging)

Chairs : Hidetomo Murakami

Department of Neurology, Showa University School of Medicine, Japan

Takashi Tsuboi

Nagoya University, Japan

Pe-030-1 MIBG uptake of the major salivary glands between PD and PSP/CBS

Junya Ebina

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-030-2 IgG index of cerebrospinal fluid correlates with cardiac uptake of 123I-MIBG in Parkinson's disease

Hidetomo Murakami

Department of Neurology, Showa University School of Medicine, Japan

Pe-030-3 Striatal degeneration and Cerebellar fiber alterations of Parkinson's disease

Atsuhiko Shindo

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

Pe-030-4 Harmonization of DAT-SEPCT to increase diagnostic accuracy of Parkinson's disease in PADNI cohort

Noritaka Wakasugi

National Center of Neurology and Psychiatry, Japan

Pe-030-5 Degeneration of Nigral Dopaminergic Neurons in Dementia with Lewy Bodies and Parkinson's Disease

Keizo Sugaya

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

Pe-030-6 Structural and functional alteration of Parkinson's Disease with subjective cognitive impairment

Kiyoaki Takeda

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

Pe-031 English Poster Session 031

En

June 2 (Fri) 16:00 ~ 17:20 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

PD and related disorders: Clinical research-5 (MSA, etc.)

Chairs : **Yasushi Osaki**

Department of Neurology, Japan

Masaaki Matsushima

Department of Neurology, Hokkaido University, Japan

Pe-031-1 a-synuclein aggregation and proteomics in Parkinson's disease and Multiple system atrophy

Shin-ichi Ueno

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

Pe-031-2 Brain atrophy associated with apnea hypopnea index in multiple system atrophy

Yusuke Nakagawa

Department of Neurology, NHO Shizuoka Institute of Epilepsy and Neurological Disorders, Japan / Department of Neurology, Japanese Red Cross Shizuoka Hospital, Japan

Pe-031-3 White matter differences between MSA-P and MSA-C using voxel-based analysis

Takashi Ogawa

Department of Neurology, Juntendo University Urayasu Hospital, Japan

Pe-031-4 Association between the complement system and disruption of the blood brain barrier in MSA

Makoto Shibata

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

Pe-031-5 Clinical diagnosis of progressive supranuclear palsy and corticobasal degeneration

Yasushi Osaki

Department of Neurology, Kochi Medical School Hospital, Japan

Pe-031-6 Lived Experiences Of Men With X-linked Dystonia Parkinsonism of Panay in Panay Island, Philippines

Peter Iii P. Malhabour

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

Pe-032 English Poster Session 032

En

June 2 (Fri) 16:00 ~ 17:20 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

PD and related disorders: Basic research-6

Chairs : Satoshi Kaneko

Kansai Medical University, Japan

Tatsuya Yamamoto

Department of Rehabilitation Sciences, Chiba Prefectural University of Health Sciences, Japan

Pe-032-1 Mechanism of O-GlcNAcylation in Parkin

Yukiko Maki

Department of Clinical Research, Tokushima National Hospital, Japan

Pe-032-2 The critical role of protein X on the pathophysiology of GBA1-related Parkinson's disease

Etsuro Nakanishi

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

Pe-032-3 Stimulation-induced changes in alpha-synuclein level and oscillatory activity in substantia nigra

Tatsuya Yamamoto

Department of Rehabilitation Sciences, Chiba Prefectural University of Health Sciences, Japan

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

Pe-032-4 Impact of alpha-synuclein fibril structure on seeding activity in Parkinson's disease models

Junichiro Ohira

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

Pe-032-5 Parkinson's disease-linked prosaposin gene mutation causes abnormalities in the Golgi apparatus

Yutaka Oji

Department of Neurology, Juntendo University School of Medicine, Japan

MND

Chairs : Seiichi Nagano

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

Takehisa Hirayama

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-033-1 Effects of the Hybrid Assistive Limb use on gait in patients with spinal and bulbar muscular atrophy

Takehisa Hirayama

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-033-2 Single cell analysis reveals oligodendrocyte heterogeneity in spinal and bulbar muscular atrophy

Madoka Iida

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

Pe-033-3 Elucidating early pathophysiology of spinal-bulbar muscular atrophy using disease-specific iPSCs

Kazunari Onodera

Department of Neural iPSC Research, Institute for Medical Science of Aging, Aichi Medical University, Japan / Department of Neurology, Nagoya University Graduate School of Medicine, Japan

Pe-033-4 Morphological multiparametric analysis of a cell model of spinal and bulbar muscular atrophy

Kenji Sakakibara

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

Pe-033-5 Kaempferol promotes the degradation of mutant proteins via a novel mTOR-dependent autophagic pathway

Hiroaki Adachi

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

Pe-033-6 ~~Comparison of Neurofilaments in Spinal muscular atrophy and Amyotrophic lateral sclerosis~~~~Jinyue Li~~~~Department of Neurology, Zhongshan Hospital(Xiamen Branch), Fudan University, China~~~~Department of Neurology, Peking Union Medical College Hospital, Chinese Academy of Medical Science & Peking Union Medical College, China~~

withdrawn

Neuroimmunology (Demyelinating disorders)

Chairs : Hikoaki Fukaura

Saitama Medical Center, Japan

Yoshiki Takai

Department of Neurology, Tohoku University Hospital, Japan

Pe-034-1 Siponimod inhibits inflammasome activation in microglia

Hiroyasu Komiya

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

Pe-034-2 Deletion of Nox4 enhances remyelination by enhancing phagocytic capacity of microglia/macrophages

Kei Yamanaka

Department of Neurology, Japanese Red Cross Fukuoka Hospital, Fukuoka, Japan / Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

Pe-034-3 Histopathological classification in tumefactive inflammatory demyelinating lesions

Yoshiki Takai

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

Pe-034-4 NMO-IgG from patients with different symptoms can cause similarly distributed lesions in rat model

Chihiro Namatame

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

Pe-034-5 Blocking of astroglial Cx43 hemichannel successfully ameliorates CNS inflammation in MS model mice

Ezgi Ozdemir

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

Muscle disorders 2

Chairs : Hiroyuki Tomimitsu

Department of Neurology, Toride Medical Center, Japan

Tomoya Kubota

Osaka University Graduate School of Medicine, Dept. of Clinical Laboratory and Biomedical Sciences, Clinical Neurophysiology, Japan

Pe-035-1 Tight association between HLA alleles and autoantibodies in dermatomyositis

Munenori Oyama

Department of Neurology, Keio University School of Medicine, Japan

- Pe-035-2** **Generation of in vitro model cells for skeletal muscle channelopathies**
Tomoya Kubota
 Department of Clinical Laboratory and Biomedical Sciences, Division of Health Sciences, Osaka University Graduate School of Medicine, Japan
- Pe-035-3** **Identification of LAMP-2 targets associated with autophagy**
Minako Yamaoka
 Department of Neurology, Nara Medical University, Japan
- Pe-035-4** **withdrawn**

Pe-036 English Poster Session 036

En

June 2 (Fri) 16 : 00 ~ 17 : 20 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Epilepsy

Chairs : Taira Uehara
 Department of Neurology, Fukuoka Sanno Hospital, Japan
Akihiro Shimotake
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan

- Pe-036-1** **Ictal direct current shifts and high frequency oscillations in neocortical epilepsy by scalp EEG**
Yoko Tomoda
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-036-2** **Utility of EEG evaluation during intravenous diazepam for outcome prediction of status epilepticus**
Hiroya Ohara
 Department of Neurology, Minami Nara General Medical Center, Japan
- Pe-036-3** **Suppression of interictal epileptiform discharges (IEDs) in motor areas by voluntary movements**
Kyoko Hosokawa
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-036-4** **Adult-onset epilepsy in cardiofaciocutaneous syndrome with MAP2K1 mutation: A case report**
Masako Kinoshita
 Department of Neurology, National Hospital Organization Utano National Hospital, Japan
- Pe-036-5** **withdrawn**
- Pe-036-6** **Incomplete hippocampal inversion is not a cause of focal epilepsy**
Takahiko Mukaino
 Kyushu University Hospital, Department of Neurology, Japan

Migraine

Chairs : Shuichi Igarashi
 Department of Neurology, Niigata City General Hospital, Japan
 Hitoshi Maeda
 Uekusa Gakuen University, Japan

Pe-037-1 A study on red flag signs in migraine patients

Piromya Jaiboon

Division of Neurology, Department of Internal Medicine, Faculty of Medicine, Thammasat University, Thailand.

Pe-037-2 Is Electro Myogram (EMG) Biofeedback Training for Migraine Headache Effective?

Sudha Lavania

NSCB Medical College, Jabalpur, India

Pe-037-3 Prediction of patients with chronic migraine from evoked oscillations with the EEG classifier

Hsiao Fu-jung

National Yang Ming Chiao Tung University, Taiwan

Pe-037-4 Effect of blue, white, and green light on KCl-induced cortical spreading depression

Eiji Kitamura

Department of Neurology, Kitasato University School of Medicine, Japan

Pe-037-5 Changes in atmospheric pressure can cause Spreading Depression-First mechanism of migraine attacks

Hitoshi Maeda

Department of Rehabilitation, Faculty of Health Sciences, Uekusa Gakuen University, Japan

Other Neurological Problems 3

Chairs : Yasumasa Ohyagi
 Department of Neurology and Geriatric Medicine, Ehime University, Japan
 Norimasa Mitsuma
 Department of Neurology, Meitetsu Hospital, Japan

Pe-038-1 A radical change of emergency transporting time for epileptic seizures during a social pandemic

Hidetada Yamada

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

Pe-038-2 withdrawn

Pe-038-3 ~~Natural herbs for neuropsychological deficits management in human subjects at tertiary care hospital~~
~~Saara Ahmad Muddasir M. Khan~~
~~The Aga Khan University, Pakistan~~ **withdrawn**

Pe-038-4 Collaboration with local institutions for proper follow up of abused patients in outpatients ward
 Norimasa Mitsuma
 Department of Neurology, Meitetsu Hospital, Japan

Pe-038-5 Medical cost analysis of Huntington's disease in Korea
 Manho Kim
 Seoul National University Hospital, Seoul National University College of Medicine, Korea

Pe-039 English Poster Session 039

En

June 2 (Fri) 16 : 00 ~ 17 : 20 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

Other Neurological Problems 4

Chairs : Shin Hisahara
 Dept. Neurol., Sapporo Med. Univ., Japan
 Masato Kanazawa
 Dept of Neurology, Brain Research Institute, Niigata University, Japan

Pe-039-1 Using patient iPSC drug repositioning model shows availability for rare relentless prion disease
 Kosuke Matsuzono
 Division of Neurology, Department of Medicine, Jichi Medical University, Japan

Pe-039-2 Dynamic changes of PGC-1alpha isoforms in mechanotransduction mediated by extracellular matrix
 Yuri Yamashita
 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-039-3** Amelioration of HD-associated Phenotypes by Chemical Interference (Ape-01-1) of SUPT4H/SUPT5H Complex Formation
 Yun-yun Wu
 Institute of Biochemistry and Molecular Biology, National Yang Ming Chiao Tung University, Taipei, Taiwan / Taiwan International Graduate Program in Molecular Medicine, National Yang Ming Chiao Tung University and Academia Sinica, Taipei, Taiwan

Pe-039-4 Exploring cell-type-specific neuronal toxicity by mutant HTT using an isogenic pair of HD iPSCs
 Wan Jhu Liao
 Institute of Biochemistry and Molecular Biology, National Yang Ming Chiao Tung University, Taipei, Taiwan

Pe-039-5 Immune-mediated neuron cell death and its relevance to pathogenesis of neurodegenerative diseases
 Shinji Oki
 Dept. of Immunol., National Institute of Neuroscience NCNP, Japan

Pe-039-6 Cryo-electron microscopic analysis reveals shooting-out microtubules in early axonal regeneration

Kenichiro Taira

Laboratory of Structural Cell Biology, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD, USA

Pe-040 English Poster Session 040

En

June 3 (Sat) 13:15 ~ 14:35 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

CVD 4

Chairs : Takehiko Nagao

Department of Neurology, Nippon Medical School Musashi-Kosugi Hospital, Japan

Takato Abe

Department of Neurology, Tokai University School of Medicine, Japan

Pe-040-1 EVs derived from astrocytes regulated by microglial inflammatory responses improve stroke recovery

Chikage Kijima

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-040-2 Platelet-rich plasma-derived exosomes therapy for post-ischemic stroke

Yoshifumi Miyauchi

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-040-3 Tissue remodeling by peripheral blood mononuclear cells preconditioned by oxygen-glucose deprivation

Takeshi Kanayama

Niigata University, Japan

Pe-040-4 PDGFRb-positive cell-mediated post-stroke remodeling of fibronectin and laminin $\alpha 2$ for tissue repair

Tomoya Shibahara

Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu University, Japan / Cerebrovascular and Neurology Center, National Hospital Organization Fukuokahigashi Medical Center, Japan

Pe-040-5 IMMUNOPROTEASOME INHIBITION MODULATES MICROGLIA POLARIZATION IN INTRACEREBRAL HEMORRHAGE

Wei Fen Hu

PhD Program in Pharmacology and Toxicology, Tzu Chi University, Hualien, Taiwan. / Department of Medical Research, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan.

2

3

Free Papers (Poster)

Dementia: 5

Chairs : Taizen Nakase

Dept of Aging Research & Geriatric Medicine, Tohoku Univ Hospital, Japan

Koki Makioka

Gunma University Hospital; Department of Neurology, Japan

3

Pe-041-1 Expression of Rubicon, an autophagy regulator and LAP protein, is increased in Alzheimer's disease

Koki Makioka

Gunma University Graduate School of Medicine, Japan

Pe-041-2 Different responses of microglia-specific TAK1 deletion in the mouse models of Alzheimer's disease

Atsuko Katsumoto

Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine, Japan / Department of Neurosciences, The Cleveland Clinic Lerner Research

Institute, USA / Stark Neurosciences Research Institute, Indiana University-School of Medicine, USA

Pe-041-3 Analysis of genetic background of adult leukoencephalopathies

Hiroshi Doi

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

Pe-041-4 Comparison of vascular cognitive impairment mouse models with different diameters of microcoils

Narufumi Yanagida

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

Pe-041-5 Cell-type specific histone modification analysis in the brain

Tatsuo Mano

National Center of Neurology and Psychiatry, Japan

Pe-041-6 White matter microstructural changes in idiopathic NPH using voxel-based R2* relaxometry analysis

Yuya Kano

Department of Neurology, Toyokawa City Hospital, Japan / Department of Neurology, Nagoya City University Graduate School of Medical Sciences, Japan

PD and related disorders: Clinical research-6 (Biomarkers-2)

Chairs : Makio Takahashi

Department of Neurodegenerative Disorders, Japan

Genko Oyama

Department of Neurology, Juntendo University, Japan

Pe-042-1 Increased serum xanthine oxidase activity in patients with Parkinson's disease

Takamasa Nukui

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

Pe-042-2 Filamentous alpha-synuclein in exosomes can be a biomarker and contributor to Parkinson's disease

Yuta Ishiguro

Juntendo University School of Medicine, Department of Neurology, Japan

Pe-042-3 Is mitokine GDF-15 a useful biomarker in Parkinson's disease?

Tatou Iseki

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-042-4 Serum zonulin levels in patients with Parkinson's disease

Takuma Ohmichi

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

Pe-042-5 The assessment of inflammation markers IL-1beta and IL-6 before and after FMT in patients with PD

Karol Sadowski

Department of Neurology Faculty of Health Science Medical University of Warsaw, Poland

PD and related disorders: Basic research-7

Chairs : Renpei Sengoku

Dept. of Neurology, The Jikei Univ. Daisan Hospital, Japan

Noriko Nishikawa

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-043-1 Characterization of new disease-associated LRRK2 variants found in Parkinson's disease cohort

Toshiki Tezuka

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

Pe-043-2 Genome and transcriptome analysis of ARJP patients with PRKN monoallelic variants

Manabu Funayama

Research Institute for Diseases of Old Age, Graduate School of Medicine, Juntendo University, Japan / Department of Neurology, Juntendo University School of Medicine, Japan / Center for Genomic and Regenerative Medicine, Graduate School of Medicine, Juntendo University, Japan

Pe-043-3 A new alternative approach to identify PD-related genes by chemical genomic screening

Mitsuhiro Kitagawa

Department of Neurology, Juntendo University, Japan

Pe-043-4 Comprehensive genetic analysis in Japanese Parkinson's diseases

Hiroyo Yoshino

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

Pe-043-5 Genetic screening by targeted gene panel of the GBA1 gene in Parkinson's disease

Yuanzhe Li

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-044 English Poster Session 044

En

June 3 (Sat) 13 : 15 ~ 14 : 35 Poster Session (Makuhari Messe International Exhibition Hall 1F Exhibition Hall 7)

PD and related disorders: Basic research-8

Chairs : Takafumi Hasegawa

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

Takashi Matsukawa

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

Pe-044-1 Development of novel therapeutics and early discrimination techniques for Lewy body diseases

Ichiro Kawahata

Grad Sch Pharm Sci, Tohoku Univ, Japan

Pe-044-2 A novel mouse model to investigate the formation of oligodendroglial a-synuclein aggregates in MSA

Tomoyuki Ishimoto

Department of Neurology Kyoto University Graduate School of Medicine, Japan

Pe-044-3 Autopsy findings in a patient with hereditary spastic paraplegia and a heterozygous GCH1 mutation

Shoko Hongo

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

Pe-044-4 withdrawn

Pe-044-5 Pathological study of PSP-like syndrome cases with mutations in BSN and BSN knock-in mice

Hiroaki Yaguchi

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

SCD 3

Chairs : Kunihiro Yoshida
 Kakeyu-Misayama Rehabilitation Center, Kakeyu Hospital, Japan
 Hodaka Yamakado
 Department of Neurology, Kyoto University Hospital, Japan

Pe-045-1 Impairment of saccade adaptation derived from cerebellum in hereditary spinocerebellar atrophy

Satomi Inomata-terada
 Department of Medical Physiology, Kyorin University, Japan

Pe-045-2 Long-read sequencing revealing intragenic deletions in exome-negative spastic paraplegias

Hiromi Fukuda
 Department of Neurology and Stroke Medicine, Yokohama City University, Japan / Department of Human Genetics, Yokohama City University, Japan

Pe-045-3 Variants in SPTAN1 in patients with hereditary spastic paraplegia

Hiroyuki Ishiura
 Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan / Department of Neurology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Japan

Pe-045-4 Developing antisense oligonucleotide therapy for Dentatorubral-pallidoluysian atrophy (DRPLA)

Tojo Nakayama
 Division of Genetics & Genomics, Boston Children's Hospital, Harvard Medical School, USA / Neurology and Neurological Science, Tokyo Medical and Dental University, Japan

Pe-045-5 Inactivation of the mouse synaptotagmin 14 gene recapitulates cerebellar ataxia

Kunihiro Yoshida
 Department of Neurology, Kakeyu-Misayama Rehabilitation Center, Kakeyu Hospital, Japan / Department of Brain Disease Research, Shinshu University School of Medicine, Japan

PNS disorders 3

Chairs : Nobue K. Iwata
 International University of Health and Welfare, Department of Neurology, Japan
 Jun Tsugawa
 Fukuoka University Chikushi Hospital Department of Neurology, Japan

Pe-046-1 Establishment of reference value of wrist-forearm ratio for diagnosis of carpal tunnel syndrome

Jun Tsugawa
 Department of Neurology, Fukuoka University Chikushi Hospital, Japan

-
- Pe-046-2** **Small fiber neuropathy after SARS-CoV-2 vaccination examined by IENFD measurement**
Nobue K. Iwata
 Department of Neurology, International University of Health and Welfare, Mita Hospital, Japan
-
- Pe-046-3** **The effect of IgG from CIDP and MMN on the blood-nerve barrier**
Fumitaka Shimizu
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan
-
- Pe-046-4** **Co-culture of immortalized DRG neurons and Schwann cells for the study of peripheral neuropathies**
Kazunori Sango
 Diabetic Neuropathy Project, Tokyo Metropolitan Institute of Medical Science, Japan
-
- Pe-046-5** **Optic neuropathy: An uncommon finding in IgG4 anti-neurofascin155 antibody-positive antibody**
Theerawat Kumutponpanich
 Division of Neurology, Department of Internal Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
-
- Pe-046-6** **withdrawn**
-