

Pe-01 一般演題ポスターセッション (英語) 01

En

5月19日 (水) 13:20 ~ 14:00

ポスター会場 (国立京都国際会館 1F New Hall (別館))

PD/PD-related02

Pe-01-1

ROLE OF NEUROSPECIFIC PROTEINS IN THE PATHOGENESIS
OF PARKINSONISM SYNDROME DEVELOPMENT IN CHBI

Gulchiroykhone R. Vafoeva

Tashkent Pediatric Medical Institute, Uzbekistan

- Pe-01-2** Anti-parkinson effect of crocetin against the rotenone induced rat model of Parkinson diseases
Prakash C. Bhatt
Fermentis Biotech, India
- Pe-01-3** Property of tau aggregation and its relation with clinical features in MAPT p.K298_H299insQ patients
Yuri Yamashita
Department of Neurology, Faculty of Medicine, Juntendo University, Japan / Research Institute for Diseases of Old Age, Graduate School of Medicine, Juntendo University, Japan
- Pe-01-4** Comorbid alpha synucleinopathies in idiopathic normal pressure hydrocephalus
Anri Hattori
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-01-5** Frontal dependent memory decline in a group of patients with Parkinson disease
Ikko Wada
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-01-6** Clinical manifestations of Parkinson's disease harboring VPS35 retromer complex component p.D620N
Mayu Ishiguro
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-01-7** Fixel-based analysis for white matter alterations of multiple system atrophy parkinsonian variant
Atsuhiko Shindo
Department of Neurology, Faculty of Medicine, Juntendo University, Tokyo, Japan., Japan
- Pe-01-8** Finding novel risk variants by target resequencing in Parkinson's disease
Kensuke Daida
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-01-9** Rotenone-induced dopaminergic neurotoxicity mediated by astrocyte-microglia interaction
Ikuko Miyazaki
Dept. of Medical Neurobiology, Okayama Univ. Grad. Sch. of Med., Dent. and Pharmaceut. Sci., Japan
- Pe-01-10** Genetic analysis of VPS13A/B/D: paralogous genes of VPS13C in Parkinson's disease
Hiroyo Yoshino
Research Institute for Diseases of Old Age, Graduate School of Medicine, Juntendo University, Japan
- Pe-01-11** Biochemical analysis of Parkin glycosylation
Yukiko Maki
Department of Clinical Research, Tokushima National Hospital, Japan

Pe-01-12 Drug discovery to treat GBA1-related alpha-synucleinopathy using gba1 knock-out medaka**Etsuro Nakanishi**

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

Pe-01-13 Identification of common molecular mechanism between Parkinson's disease and Retinitis pigmentosa**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

Pe-02 一般演題ポスターセッション (英語) 02**En****5月19日 (水) 13:20 ~ 14:00****ポスター会場 (国立京都国際会館 1F New Hall (別館))****PD/PD-related03****Pe-02-1 22q11.2 deletion syndrome among the patients with early-onset Parkinson's disease****Yuki Mangyoku**

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-02-2 Genetic screening by panel sequencing of glucosylceramidase beta variants for Parkinson's disease**Yuanzhe Li**

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-02-3 PSP-C: report of an autopsied patient showing marked olivopontocerebellar involvement**Makoto Sainouchi**

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

Pe-02-4 MicroRNA expression profiles in Progressive Supranuclear Palsy as potential diagnostic markers**Hiroshi Takigawa**

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

Pe-02-5 Changes in brain glucose metabolism after deep brain stimulation in Parkinson's disease**Katsuki Eguchi**

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

Pe-02-6 Connectivity correlates of thalamic deep brain stimulation outcomes in dystonic and essential tremor**Takashi Tsuboi**

Department of Neurology, Norman Fixel Institute for Neurological Diseases, University of Florida, Gainesville, Florida, USA / Department of Neurology, Nagoya University Graduate School of Medicine, Nagoya, Japan

- Pe-02-7** Efficacy and safety of Deep Brain Stimulation for patient with Glucosidase Beta Acid mutations
Hikaru Kamo
Department of Neurology, Juntendo University School of Medicine, Tokyo, Japan

Pe-03 一般演題ポスターセッション (英語) 03

En

5月19日 (水) 13:20 ~ 14:00

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Metabolic disorders 01

- Pe-03-1** Characteristics of Neurological Symptoms in Adult Japanese Patients with Fabry Disease
Jun Sawada
Division of Neurology, Department of Internal Medicine, Asahikawa Medical University, Japan
- Pe-03-2** A clinical analysis of two cases of Adrenal insufficiency accompanied with muscle stiffness
Yosuke Kokunai
Department of Neurology, Minoh City Hospital, Japan
- Pe-03-3** withdrawn
- Pe-03-4** Role of pyruvate in the maintenance of Schwann cell viability under high glucose conditions
Kazunori Sango
Diabetic Neuropathy Project, Tokyo Metropolitan Institute of Medical Science, Japan

Pe-04 一般演題ポスターセッション (英語) 04

En

5月19日 (水) 13:20 ~ 14:00

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Ethics and education

- Pe-04-1** Medical education during the COVID-19 pandemic in Japan: EEG-Webiner using an online application
Shuichiro Neshige
Hiroshima University Graduate School of Biomedical and Health Sciences, Japan
- Pe-04-2** Virtual professor's round : A useful education tool in clinical clerkship for medical students
Kenji Sekiguchi
Division of Neurology, Kobe University Graduate School of Medicine, Japan

Other neurological disorders/symptoms 01

- Pe-05-1** Role of natural herbs as adjuvant treatment for neuropsychological deficits in human subjects

Saara M. Khan

The Aga Khan University, Karachi, Pakistan

- Pe-05-2** Methotrexate-induced myelopathy in patients with hematologic malignancies: a case series

Sakdipat Songwisit

Faculty of Medicine, Siriraj Hospital, Mahidol University, Thailand

- Pe-05-3** FEATURES OF NEUROLOGICAL CHANGES IN OIL INDUSTRY WORKERS UNDER THE INFLUENCE OF HARMFUL PRODUCTION

Dono R. Zupparkhanova

Tashkent Pediatric Medical Institute, Uzbekistan

- Pe-05-4** withdrawn

- Pe-05-5** withdrawn

- Pe-05-6** withdrawn

- Pe-05-7** Metastatic Spinal Cord Compression Caused by Recurrent Carcinoma Ex Pleomorphic Adenoma of Parotid

Mark M. Ando

University of the Philippines - Philippine General Hospital, Philippines

Other neurological disorders/symptoms (basic research) 01

- Pe-06-1** ASSOCIATION BDNF GENE POLYMORPHISM WITH THE CENTRAL SENSITISATION DISORDER AND COGNITIVE IMPAIRMENT

Dmytro Sotnikov

Sumy State University, Ukraine

- Pe-06-2** Long-term exposure and withdrawal base on schizophrenia-related behaviors in larval zebrafish

Siroshini K Thiagarajan

Department of Mechatronics and Biomedical Engineering, Lee Kong Chian Faculty of Engineering and Science, Universiti Tunku Abdul Rahman., Malaysia

- Pe-06-3** Overhanging duplex oligonucleotide enhances potency and mitigates toxicity intracerebroventricularly

Su Su Lei Mon

Tokyo Medical and Dental University, Japan

- Pe-06-4** Neuroprotective effect of Ajwain oil on 6-OHDA-Induced Apoptosis in PC12 Cells via ROS-NO Pathway
Vikas Kumar
SAM HIGGINBOTTOM UNIVERSITY OF AGRICULTURE, TECHNOLOGY & SCIENCES,
India

Pe-07 一般演題ポスターセッション (英語) 07

En

5月19日 (水) 18:15 ~ 18:55

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Dementia 02

- Pe-07-1** Complex I abnormalities is associated with tau and clinical symptoms in mild Alzheimer's disease
Tatsuhiro Terada
Department of Biofunctional Imaging, Preeminent Medical Photonics Education & Research Center, Hamamatsu University School of Medicine, Japan / Translational Neuroimaging Laboratory, The McGill University Research Centre for Studies in Aging / Shizuoka Institute of Epilepsy and Neurological Disorders, Japan
- Pe-07-2** CSF biomarker profiles in CNS infection associated with HSV/VZV mimic pattern in Alzheimer's disease
Makiko Shinomoto
Department of Neurology, Kyoto Prefectural University of Medicine, Japan
- Pe-07-3** Internal jugular vein velocity correlates with cognitive function and Alzheimer's disease
Kosuke Matsuzono
Division of Neurology, Department of Medicine, Jichi Medical University, Japan
- Pe-07-4** Wearable and geofencing device technology is a boon for Alzheimer's disease patients
Vikas Sharma
Sarojini Naidu Medical College, India
- Pe-07-5** Biomarkers of non-AD control subjects with or without DDP-IV inhibitors, a preliminary study
Yasushi Tomidokoro
Faculty of Medicine, University of Tsukuba, Japan

Pe-08 一般演題ポスターセッション (英語) 08

En

5月19日 (水) 18:15 ~ 18:55

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Dementia (basic research) 01

- Pe-08-1** Microglia express GPNMB in the brains of Alzheimer's disease and Nasu-Hakola disease
Jun-ichi Satoh
Department of Bioinformatics, Meiji Pharmaceutical University, Japan

- Pe-08-2** Normal neuronal aging promotes amyloidogenic APP processing by beta-secretase
Mizuki Matsumoto
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-08-3** Effect of Yokukansan on Tau Phosphorylation and Oligomerization
Norimichi Shirafuji
Department of Neurology, Faculty of Medical Science, University of Fukui, Japan
- Pe-08-4** withdrawn
- Pe-08-5** A cationic Zn-phthalocyanine inhibits Alzheimers amyloid beta fibril formation in vitro
Abdullah M. Sheikh
Shimane University, Japan
- Pe-08-6** N-cadherin interacts with Tau protein to modify its phosphorylation
Kengo Uemura
Department of Neurology, Yurinkai Ishiki Hospital, Japan
- Pe-08-7** Hypo-plasticity of hippocampal glutamatergic neurons in HCNP precursor protein knockout mice
Kengo Suzuki
Department of Neurology, Nagoya City University Graduate School of Medical Sciences, Japan
- Pe-08-8** Lithium chloride decreased phosphorylated tau and oligomeric tau
Rei Asano
Department of Neurology, University of Fukui, Japan
- Pe-08-9** Donepezil reduces phosphorylated tau and oligomeric tau
Hirohito Sasaki
Second Department of Internal Medicine, Faculty of Medical Sciences, University of Fukui, Fukui, Japan
- Pe-08-10** Physical exercise increases the secretion of circulating extracellular vesicles
Akiko Takeda
Department of Neurotherapeutics, Graduate School of Medicine, Osaka University, Japan

Pe-09 一般演題ポスターセッション (英語) 09**En**

5月19日 (水) 18:15 ~ 18:55

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Neuroimmunology 02

- Pe-09-1** Characterization of spinal hypertrophic pachymeningitis based on immunopathological analysis
Akihiro Nakajima
Department of Neurology, Brain Research Institute, Niigata University, Japan

- Pe-09-2** Elevation of serum IL-6 by anti-Sm antibody in neuropsychiatric systemic lupus erythematosus
Shunsei Hirohata
Department of Rheumatology, Nobuhira Hospital, Japan / Department of Internal Medicine, Seikyo University School of Medicine, Japan
- Pe-09-3** Treatment of inflammatory and demyelination myelopathy
Tatsuo Ihara
Department of Neurology, Otaru General Hospital, Japan
- Pe-09-4** Cerebrospinal fluid dsDNA as a biomarker in NMOSD
Mamoru Yamamoto
Department of Neurology, Faculty of Medicine, University of Toyama, Japan
- Pe-09-5** Autoimmune disease comorbidities in patients with neuromyelitis optica spectrum disorder
Etsuji Saji
Department of Neurology, Brain Research Institute, Niigata University, Japan
- Pe-09-6** Exploring steroid tapering in NMOSD patients treated with satralizumab in SakuraSky: a case series
Takashi Yamamura
National Center Hospital of Neurology and Psychiatry, Tokyo, Japan
- Pe-09-7** Eculizumab efficacy and safety in NMOSD patients treated with prior rituximab: findings from PREVENT
Kazuo Fujihara
Southern TOHOKU Research Institute for Neuroscience (STRINS), Japan / Fukushima Medical University, Japan
- Pe-09-8** Cognitive function and thalamus atrophy in multiple sclerosis and neuromyelitis optica
Takahiro Wakasugi
Department of Neurology, Brain Research Institute, Niigata University, Japan
- Pe-09-9** CLINICAL PROFILE, ELECTROPHYSIOLOGIC FEATURES, and OUTCOMES of PATIENTS WITH MYASTHENIA GRAVIS
Michael A. Bonilla
Saint Paul's Hospital Iloilo City, Philippines

Pe-10 一般演題ポスターセッション (英語) 10**En**

5月19日 (水) 18:15 ~ 18:55

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Neuroimmunology 07

- Pe-10-1** N-acetyllactosamine impacts on the infectivity of HTLV-1
Daisuke Kodama
Kagoshima University, Joint Research Center for Human Retrovirus Infection, Division of Neuroimmunology, Japan
- Pe-10-2** withdrawn

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- Pe-10-3** **Decreased telomere G tail length and increased cancer-related microRNAs in HPV vaccinated patients**
Toshiaki Hirai
Departments of Neurology and Stroke Center, Mizonokuchi Hospital, Teikyo University School of Medicine., Japan
-
- Pe-10-4** **Immunopathogenic CSF TCR repertoire signatures in virus-associated neurologic disease**
Satoshi Nozuma
Department of Neurology and Geriatrics, Kagoshima University Graduate School of Medical and Dental Sciences, Japan / Viral Immunology Section, Neuroimmunology Branch, National Institute of Neurological Disorder and Stroke, National Institutes of Health
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- Pe-10-5** **Myeloperoxidase induces blood-brain barrier dysfunction in aquaporin 4-positive NMOSD**
Toshihiko Maeda
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan
-
- Pe-10-6** **Serum immunoglobulin levels and infection risk in the Phase 3 trials of ofatumumab in relapsing MS**
Keiko Maruyama Saladini
Novartis Pharma K.K. Global Drug Development, Japan
-
- Pe-10-7** **Efficacy of Ofatumumab in Relapsing Multiple Sclerosis: 48-week results of Phase 2 APOLITOS Study**
Jin Nakahara
Department of Neurology, Keio University School of Medicine, Japan
-
- Pe-10-8** **Genetic factors associated with clinical relapse during disease-modifying therapy**
Takuya Matsushita
Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan
-
- Pe-10-9** **Effects of steroid or immunosuppressants on relapsing-remitting multiple sclerosis**
Atsuko Katsumoto
Department of Neurology, National Center Hospital of Neurology and Psychiatry, Japan
-
- Pe-10-10** **Immune cell profiles and clinical and safety outcomes with fingolimod in the 12 month FLUENT study**
Kengo Ueda
Neuroscience Medical Franchise Dept. Medical Division, Novartis Pharma K.K., Japan
-

Muscle diseases (basic research)

- Pe-11-1** Application of droplet digital PCR for detection of somatic mosaicism in dystrophinopathy

Akatsuki Kubota

Department of Neurology, The University of Tokyo, Japan

- Pe-11-2** Subpopulation analysis of urine-derived cells to advance cellular model of muscle diseases

Katsuhiko Kunitake

Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP), Japan

- Pe-11-3** Analysis of clinical characteristics of DPM3 gene mutation related Alpha dystroglycanopathy

Yi Li

Beijing Hospital, China

Muscle diseases 03

- Pe-12-1** A long-term natural history study of GNE myopathy

Madoka Mori-yoshimura

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

- Pe-12-2** Two brothers with ADSSL1 myopathy. Report of clinical, radiological, and autopsy findings

Yuka Hama

Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry (NCNP), Japan

- Pe-12-3** AVSF myopathy: A new clinical entity of autophagic vacuolar myopathy with AVSF such as Danon disease

Kazuma Sugie

Department of Neurology, Nara Medical University, Japan / Department of Neuromuscular Research, National Center of Neurology and Psychiatry, Japan

- Pe-12-4** Mitochondrial alterations in anti-mitochondrial antibody-positive myositis

Takamura Nagasaka

Dept. of Neurology, Univ. of Yamanashi, Japan

- Pe-12-5** Splicing defects in the cortex, white matter, and deep grey matter of myotonic dystrophy type 1

Kazuki Yoshizumi

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

- Pe-12-6** Comparison of electromyography and quantified muscle pathology in sporadic inclusion body myositis
Nobuyuki Eura
Department of Neurology, Nara Medical University, Japan
- Pe-12-7** Histological investigation of necroptosis in anti-HMGCR myopathy
Masatoshi Omoto
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan
- Pe-12-8** Activated vitamin D increases the barrier function of the endomysial endothelium
Yasuteru Sano
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan
- Pe-12-9** The effect of IgG from IIM patients on human muscle microvascular endothelial cell
Masaya Honda
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

Pe-13 一般演題ポスターセッション (英語) 13**En**

5月20日 (木) 11:00 ~ 11:40

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Cerebrovascular disorder 03

- Pe-13-1** PATHOGENETIC SIGNIFICANCE OF NEUROTROPHIC PROTEIN S100 BASED ON CHRONIC BRAIN ISCHEMIA
Bakhriddin R. Bakhriev
Tashkent Pediatric Medical institute, Uzbekistan
- Pe-13-2** Proteomic analysis of serum-derived exosomal proteins associated with new-onset of ischemic stroke
Shingo Mitaki
Shimane University, Department of Neurology, Japan
- Pe-13-3** Serum protein biomarkers in the diagnosis of Cerebral Amyloid Angiopathy (CAA)
Yamato Nishiguchi
Department of Neurology, Mie University Graduate School of Medicine, Japan
- Pe-13-4** Changes of resting-state neural activity and brain structure in stroke patients with hemiplegia
Xuejin Cao
Department of Neurology, Affiliated ZhongDa Hospital of Southeast University, China / School of Medicine, Southeast University, China
- Pe-13-5** Factors related to ASPECTS on admission in patients with LVO
Nobuaki Yamamoto
Department of Neurology, Japan / Department of Advanced Brain Research, Japan

- Pe-13-6** **Proprioceptive disturbance after thalamic hemorrhage:
Analyses by diffusion tensor tractography**
Aki Arai
Department of Neurology, Saitama Prefectural Rehabilitation Center, Japan
- Pe-13-7** **Protective role of pre-existing cerebrovascular diseases in local
spread of COVID-19 in Japan**
Masako Kinoshita
Department of Neurology, National Hospital Organization Utano National Hospital, Japan
- Pe-13-8** **Clinical and epidemiological characteristics of stroke in Uzbekistan
during the COVID-19 pandemic**
Abdullaev X. Zafarjon
Tashkent Pediatric Medical Institute, Uzbekistan
- Pe-13-9** **COVID-19 survival among patients with acute ischemic stroke:
case reports from developing country**
Nazla Ananda Rachmi Puti
National Brain Centre Hospital Prof. Dr. dr. Mahar Mardjono, Indonesia / Faculty of Medicine
Airlangga University, Indonesia
- Pe-13-10** **STUDY OF AWARENESS OF THE POPULATION OF THE
TASHKENT CITY ABOUT THE PREVENTION OF STROKE**
Makhmudjon S. Bakhramov
Tashkent Pediatric Medical Institute, Uzbekistan
- Pe-13-11** **Cerebrospinal fluid inflammatory markers in cerebral amyloid
angiopathy-related inflammation**
Kenji Sakai
Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of
Medical Sciences, Japan
- Pe-13-12** **Urinary Immunoglobulin is Independently Associated with Deep and
Infratentorial Cerebral Microbleeds**
Teppei Komatsu
Department of Neurology, the Jikei University School of Medicine, Tokyo, Japan
- Pe-13-13** **Exon-based approach is reasonable to detect mutations in small vessel
disease-related genes**
Masahiro Uemura
Department of Neurology, Brain Research Institute (BRI) , Niigata University, Niigata, Japan
- Pe-13-14** **The association of early onset severe cerebral small vessel disease and
APOE**
Yuya Hatano
Department of Neurology, Brain Research Institute, Niigata University, Japan
- Pe-13-15** **Cerebral small vessel diseases: white matter degeneration revealed by
3D histopathologic evaluation**
Rie Saito
Department of Pathology, Brain Research Institute, Niigata University, Japan

Cerebrovascular disorder (basic research)

- Pe-14-1** Neuroprotective effects of human amnion-derived MSCs on cerebral ischemia-reperfusion injury in rats

Shiro Takahashi

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

- Pe-14-2** Direct arterial damage and NVU disruption by mechanical thrombectomy in rat stroke model

Ryo Sasaki

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

- Pe-14-3** Exploration of OPC differentiation under ischemic stroke using BCAS1 immunohistochemistry

Guanhua Jiang

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

- Pe-14-4** MiRNA-132/212 regulated by CRTCL plays a crucial role in Blood-Brain Barrier after Stroke

Haomin Yan

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

PD/PD-related06

- Pe-15-1** EFFICACY AND SAFETY OF MEDICAL CANNABIS IN PARKINSON'S DISEASE; A RANDOMIZED CONTROL TRIAL

Mintra Tangrungruengkit

Nopparatrajathanee hospital, Thailand

- Pe-15-2** Rasagiline improves swallowing in patients with Parkinson's disease

Makito Hirano

Kindai University, Department of Neurology, Japan

- Pe-15-3** A53T alpha synuclein BAC transgenic rat as a model for Parkinson's disease

Tomoyuki Taguchi

Department of Neurology Kyoto University Graduate School of Medicine, Japan

- Pe-15-4** Association between constipation and striatal dopaminergic function in Parkinson's disease

Hiroki Takatsu

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

Pe-15-5 Dopaminergic denervation in executive striatum predicts response to L-dopa in Parkinson's disease

Taiki Matsubayashi

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

Pe-15-6 Inter-regional balance within striatum affects cognition and dual-task gait in Parkinson's disease

Masahiro Ohara

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

Pe-15-7 Selegiline treatment suppresses white matter neuroinflammation in Parkinson's disease patients

Haruka Takeshige-amano

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-15-8 Over-time change of functional connectivity in the prodromal Parkinsonian syndrome

Noritaka Wakasugi

Department of Advanced Neuroimaging, Integrative Brain Imaging Center, National Center of Neurology and Psychiatry, Japan

Pe-15-9 Hippocampal atrophy in amnesic mild cognitive impairment in Parkinson's disease

Kiyoaki Takeda

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

Pe-15-10 Diffusion magnetic resonance imaging and histological study for levodopa induced dyskinesia

Takashi Ogawa

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-16 一般演題ポスターセッション (英語) 16

En

5月20日 (木) 11:00 ~ 11:40

ポスター会場 (国立京都国際会館 1F New Hall (別館))

PD/PD-related07

Pe-16-1 Exosomal alpha-synuclein filaments as a novel biomarker for Parkinson's disease

Yuta Isiguro

Juntendo University School of Medicine, Department of Neurology, Japan

Pe-16-2 Proposal for serum theophylline as an alternative biomarker to caffeine in PD diagnosis

Takuma Ohmichi

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

Pe-16-3 Impaired age-dependent increases in PGK1 activity of RBCs in patients with Parkinson's disease

Yuzo Fujino

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

- Pe-16-4** Serum NfL and CHI3L1 for parkinsonian disorders and ALS in the process of diagnosis
Shotaro Haji
Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan
- Pe-16-5** Cerebrospinal fluid lipidomic alterations related to cognitive decline in Parkinson's disease
Yasuaki Mizutani
Department of Neurology, Fujita Health University School of Medicine, Japan
- Pe-16-6** The deposition of phosphorylated alpha Syn in the ENS is a sensitive biomarker for prodromal PD
Goichi Beck
Department of Neurology, Osaka University, Japan
- Pe-16-7** The utility of a muscle tonus instrument for quantifying rigidity in Parkinson's disease
Yoshikazu Nakano
Department of Neurology, Chiba University Hospital, Japan / Chibaken Saiseikai Narashino Hospital, Japan
- Pe-16-8** Connections between Vitamin D receptor genetic variability and course of Parkinson's disease
Jan Koper
Jagiellonian University Medical College, Poland
- Pe-16-9** Influence of genetic variability of FGF20, MAOB, DDC, DRD2 genes on course of Parkinson's disease
Olaf Chmura
Jagiellonian University Medical College, Poland
- Pe-16-10** Nigrostriatal astrocytes upregulated STING related proteins in the multiple system atrophy case
Yutaka Inoue
Department of Neurology, Graduate School of Medicine, Kyoto University, Kyoto, Japan

Pe-17 一般演題ポスターセッション (英語) 17**En**

5月20日 (木) 11:00 ~ 11:40

ポスター会場 (国立京都国際会館 1F New Hall (別館))

PD/PD-related (basic research) 01

- Pe-17-1** Mitochondrial dysfunction in mice model for prodromal Parkinson's disease: a metabolomic analysis
Masashi Ikuno
Department of Neurology Kyoto University Graduate School of Medicine, Japan
- Pe-17-2** withdrawn
- Pe-17-3** The novel mice model to investigate the mechanisms of alpha synuclein aggregation in MSA
Tomoyuki Ishimoto
Department of Neurology Kyoto University Graduate School of Medicine, Japan

- Pe-17-4** Identification of putative membrane-associated receptor for alpha-synuclein
Shun Ishiyama
Department of Neurology, Tohoku University Hospital, Japan
- Pe-17-5** MAOB inhibition modulate secretion of insoluble α -synuclein via secretory vesicle-associated pathway
Yoshitsugu Nakamura
Osaka Medical and Pharmaceutical University Hospital, Japan
- Pe-17-6** MPTP causes biphasic pathological alterations in mice inoculated with α -synuclein preformed fibrils
Tohru Kitada
Otsawa-Kagaku, Neuroscience, Japan
- Pe-17-7** Alpha-synuclein affects neuronal gene expression through inhibiting conversion of BAF complex
Takaaki Nakamura
Department of Neurology, Tohoku University, Japan
- Pe-17-8** Homocysteine affects the phosphorylation of alpha-synuclein
Soichi Enomoto
Department of Neurology, Faculty of Medical Sciences, University of Fukui, Japan
- Pe-17-9** Development of synuclein-targeting compound X as a new therapeutic agent for Parkinson's disease
Kousuke Baba
Department of Neurology, Osaka University Graduate School of Medicine, Japan
- Pe-17-10** Phospholipids alteration of Red Blood Cells in Parkinson's disease
Kenta Shiina
Department of Neurology, Juntendo University School of Medicine, Japan., Japan

Pe-18 一般演題ポスターセッション (英語) 18**En**

5月20日 (木) 11:00 ~ 11:40

ポスター会場 (国立京都国際会館 1F New Hall (別館))

ALS (basic research) 01

- Pe-18-1** Analysis of pathogenesis for upper motor neuron dysfunction of ALS using ADAR2 knockout mice
Takuto Hideyama
Department of Neurology, Tokyo Medical University, Japan / Department of Molecular Neuropathogenesis, Tokyo Medical University, Japan
- Pe-18-2** Benign amyotrophic lateral sclerosis with slowly progression harboring homozygous D92G SOD1
Masanori Sawamura
Kyoto University Hospital, Japan
- Pe-18-3** Dysfunction of molecular chaperones for phase separating proteins in ALS
Hitoki Nanaura
Department of Neurology, Nara Medical University, Japan

- Pe-18-4** Two novel variants in CHCHD2 associate with TDP-43 pathology among amyotrophic lateral sclerosis
Aya Ikeda
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-18-5** Regulation of RAN translation by RBP1 that modulates the structure of G4C2 repeat RNA in C9-ALS/FTD
Morio Ueyama
Departments of Neurotherapeutics, Osaka University Graduate School of Medicine, Japan / Department of Degenerative Neurological Diseases, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan
- Pe-18-6** PR poly-dipeptide derived from the C9orf72 repeat expansion interfere with cytoskeletal architecture
Tomo Shiota
Department of Neurology, Nara Medical University, Japan
- Pe-18-7** Characteristics of glial cells in the anterior horn of the spinal cord in ADAR2 knockout mice
Makiko Naito
Department of Neurology, Tokyo Medical University, Japan
- Pe-18-8** FUS induced structural alteration of DHX30 in mitochondrion and impaired respiratory chain complex
Ryota Hikiami
Molecular Neuroscience Research Center, Shiga University of Medical Science, Japan / Department of Neurology, Shiga University of Medical Science, Japan
- Pe-18-9** Dysfunction of microtubule transport impedes TDP-43 dynamics and accelerates its aggregation in ALS
Tetsuhiro Ueda
Department of Neurotherapeutics, Osaka University Graduate School of Medicine, Japan / Department of Neurology, Kyoto Prefectural University of Medicine, Japan
- Pe-18-10** Dkl1 contributes to the induction of cytoplasmic TDP-43 aggregates through micronucleus formation
Yasuto Tanabe
Department of Regulation of Neurocognitive Disorders, Graduate School of Medicine, Kyoto University, Japan / Department of Neurology, Graduate School of Medicine, Kyoto University, Japan
- Pe-18-11** Axonal growth impairment in iPS-derived motor neurons with TARDBP mutations
Shio Mitsuzawa
Department of Neurology, Tohoku University Graduate School of Medicine, Japan / Department of Neurology, Shodo-kai Southern Tohoku General Hospital, Japan
- Pe-18-12** Total extracellular RNA levels in cerebrospinal fluid derived from amyotrophic lateral sclerosis
Takashi Hosaka
Department of Neurology, Faculty of Medicine, University of Tsukuba, Japan / Tsukuba University Hospital Ibaraki Western Area Medical Education Center, Japan / Ibaraki Western Medical Center, Japan

Pe-18-13 Elevated cerebrospinal fluid adenosine 5'-triphosphate in amyotrophic lateral sclerosis patients

Takamasa Nukui

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

Pe-18-14 CSF glial molecules can predict disease progression in patients with amyotrophic lateral sclerosis

Kimie Nakamura

Neuroscience Drug Discovery Unit, Research, Takeda Pharmaceutical Co. Ltd., Kanagawa, Japan

Pe-18-15 Association between depression and metabolomics biomarkers in amyotrophic lateral sclerosis

Xiao Liu

The First Affiliated Hospital of Xian Jiaotong University, China

Pe-18-16 withdrawn

Pe-19 一般演題ポスターセッション (英語) 19

En

5月20日 (木) 11:00 ~ 11:40

ポスター会場 (国立京都国際会館 1F New Hall (別館))

ALS 02

Pe-19-1 Autopsy case of amyotrophic lateral sclerosis after ultra-high dose of methylcobalamin for 8 years

Kentaro Ohta

NHO Niigata National Hospital, Japan

Pe-19-2 The impact of the COVID-19 pandemic on amyotrophic lateral sclerosis

Masaru Yanagihashi

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

Pe-19-3 Pathological ocular movements with amyotrophic lateral sclerosis

Kiyotaka Nakamagoe

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

Pe-19-4 Breaking the news: a survey of patients with ALS and their families

Mari Shibukawa

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-19-5 ALS multidisciplinary clinic reduces emergency hospital admissions for ALS patients

Takehisa Hirayama

Department of Neurology, Toho University Faculty of Medicine, Japan

Degeneration (cerebellar/pyramidal/extrapyramidal) 02

Pe-20-1 Genetic and clinical analysis of autosomal recessive spinocerebellar ataxia-8 (SCAR8)

Akihiko Mitsutake

Department of Neurology, The University of Tokyo Hospital, Japan

Pe-20-2 Discovery of RNA Binding proteins as genetic modifiers of the SCA36 model fly

Tomoya Taminato

Dept Neurotherapeutics, Osaka Univ Grad Sch of Med, Osaka, Japan

Pe-20-3 Transcriptomic analysis using model mice of spinocerebellar ataxia 42

Yukiko Matsuda

Dept. Epidemiology, RIRBM, Hiroshima Univ., Japan

Pe-20-4 Identification of intronic repeat expansion of RFC1 by long-read sequencer

Hiroshi Doi

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

Pe-20-5 Early decrease of peripheral blood intermediate monocytes in multiple system atrophy cerebellar-type

Dai Matsuse

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

Pe-20-6 Comparative analysis of human brain organoids of brainstem and midbrain at single-cell resolution

Kaoru Kinugawa

Department of Neurology, Nara Medical University, Japan

Pe-20-7 Extracellular vesicles as blood-based biomarkers for polyglutamine diseases

Toshihide Takeuchi

Graduate School of Medicine, Osaka University, Japan / National Institute of Neurology, NCNP, Japan / PRESTO, JST, Japan

Pe-20-8 Iron deposition and white matter degeneration in Multiple System Atrophy: a 7 tesla MRI study

Yusuke Sakato

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

Pe-20-9 Epidemiological study of multiple system atrophy in Hokkaido: accumulated data from HoRC-MSA project

Masaaki Matsushima

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

Pe-20-10 Clinical and radiological efficacy of deferiprone in post-operative superficial siderosis**Yurie Nose**Department of Neurology and Neurological Science, Tokyo Medical and Dental University
Graduate School of Medical and Dental Sciences, Japan**Pe-21 一般演題ポスターセッション (英語) 21****En**

5月20日 (木) 18:30 ~ 19:10

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Peripheral neuropathy 02**Pe-21-1 Serum neurofilament light chain as a biomarker for chronic inflammatory demyelinating polyneuropathy****Tomohiro Hayashi**

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

Pe-21-2 Selection of the optimal nerve for ultrasonographic screening for CIDP patient**Jun Tsugawa**

Fukuoka University Chikushi Hospital Stroke Center, Japan

Pe-21-3 Which Ig component is essential as an immunomodulator for CIDP model mice?**Masahiro Iijima**

Department of Neurology, Nagoya University, Japan

Pe-21-4 Quantitative muscle echogenicity assessment using thresholding method in Charcot-Marie-Tooth disease**Takamasa Kitaoji**

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

Pe-21-5 Use of high-density surface electromyography to assess motor unit firing rate in CMT1A patients**Yu-ichi Noto**

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

Pe-21-6 POEMS syndrome that presented with rapidly progressive neuropathy and showed early recovery**Keiko Hatano**

Department of Neurology, Japanese Red Cross Medical Center, Japan

Pe-21-7 Symmetric root-dominant nerve enlargement is a sonographic feature of anti-MAG neuropathy**Yuwa Oka**

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

- Pe-21-8** Stress precedes Bell's Palsy: A retrospective study in a tertiary hospital in Penang, Malaysia
Shin Loong Soong
RCSI & UCD Malaysia Campus (RUMC) , Penang, Malaysia
- Pe-21-9** Distribution of amyloidosis subtypes involving the peripheral nerve
Nagaaki Katoh
Department of Medicine (Neurology and Rheumatology) , Shinshu University School of Medicine, Japan
- Pe-21-10** A quantitative evaluation of myelinated nerve fiber distribution in sural nerve specimens
Ryota Sato
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan
- Pe-21-11** Long-term, Integrated Safety of Patisiran in Patients with ATTRv Amyloidosis with Polyneuropathy
Yoshiki Sekijima
Shinshu University School of Medicine, Matsumoto, Japan (presenting on behalf of the authors) , Japan
- Pe-21-12** Global Open-label Extension: 24-month Data of Patisiran in Patients with hATTR Amyloidosis
Mitsuharu Ueda
Kumamoto University, Kumamoto, Japan (presenting on behalf of the authors) , Japan

Pe-22 一般演題ポスターセッション (英語) 22**En**

5月20日 (木) 18:30 ~ 19:10

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Epilepsy 02

- Pe-22-1** No or little progression of EEG abnormality in benign adult familial myoclonus epilepsy (BAFME)
Takefumi Hitomi
Department of Clinical Laboratory, Kyoto University Hospital, Japan
- Pe-22-2** Hypometabolism of cerebral cortex in progressive myoclonus epilepsy
Maya Tojima
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-22-3** High frequency activity in Benign Adult Familial Myoclonus Epilepsy and Unverricht-Lundborg Disease
Shamima Sultana
Department of Neurology, Kyoto University, Graduate School of Medicine, Japan
- Pe-22-4** Antiepileptic Effects of Dehydroepiandrosterone In Kainate-Induced Temporal Lobe Epilepsy In Rats
Ranbir Singh
Maharshi Dayanand University, India

Pe-22-5 Perampanel improves epilepsy phenotype by the phosphorylation of GluA1 in the DRPLA transgenic mice

Tomoko Toyota

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

Pe-22-6 Case series of epilepsy with higher brain dysfunction

Hironori Otomune

Suita Municipal Hospital, Japan

Pe-22-7 Incidence and risk factor of a paradoxical effect of antiepileptic drugs for epileptic seizures

Yoshiko Takebayashi

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

Pe-22-8 Clinical evaluation and analysis of outpatients with epilepsy in a general hospital

Naohiko Seike

Department of Neurology, Takatsuki General Hospital, Japan / Division of Neurology, Kobe University Graduate School of Medicine, Japan

Pe-22-9 Assessment of cross sectional design study about the first aid treatment for epilepsy

Manvendra S. Singh

HMFA-MIET, India

Pe-23 一般演題ポスターセッション (英語) 23**En**

5月20日 (木) 18:30 ~ 19:10

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Other neurological disorders/symptoms 03**Pe-23-1** Deep venous thrombosis in patients with neurological diseases

Makoto Nakajima

Department of Neurology, Kumamoto University, Japan

Pe-23-2 Sharing information regarding abuse is important to help maltreated neurological patients

Norimasa Mitsuma

Department of Neurology, Meitetsu Hospital, Japan

Pe-23-3 From pedicle realignment to pedicle reformation in management of paediatric hangman fracture

Pankaj K. Singh

All India institute of medical sciences, New Delhi, India

Pe-23-4 withdrawn

Other neurological disorders/symptoms (basic research) 02

Pe-24-1 Transduction Efficiency to Neural Stem Cells Depends on Serotypes of Adeno-Associated Virus Vectors

Yoshihide Sehara

Div Genetic Therapeutics, Center Mol Med, Jichi Med Univ, Japan

Pe-24-2 The therapeutic effect of hypoxic microglial secretome on OPC differentiation

Ken Yasuda

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

Pe-24-3 BAIBA enhances viability and protects from oxidative stress in PC12 cells

Tomomi Minato

Department of Medical Technique, Dental Hospital, Aichi Gakuin University, Nagoya, Japan

Pe-24-4 Go-sha-jinki-Gan (GJG) Palliates Inflammation via p38-TNF Signaling in the CNS

Shiying Jiang

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

Pe-24-5 Vasoconstriction and hypoperfusion induced by photoactivation of the ChR2-expressing vascular cells

Yutaka Tomita

Department of Neurology, Keio University School of Medicine, Japan / Tomita Hospital, Japan

Pe-24-6 Spatial cognitive function in type 2 diabetes model rats

Shozo Kito

Koyo-kai Kanto Hospital, Japan

Pe-24-7 Comparison of the exosome purification methods using human plasma samples

Aya Sato

Department of Neurology, the University of Tokyo, Japan

Pe-24-8 Exploring lipophilic compounds inducing BDNF secretion from pericytes or astrocytes beyond the BBB

Susumu Fujikawa

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

Pe-24-9 Misfolded polyglutamine protein transmits its abnormal conformation in a prion-like manner

Daisaku Ozawa

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

Cerebrovascular disorder 05

- Pe-25-1** Crosstalk between microglia and astrocyte in the peri-infarct area after stroke
Chikage Kijima
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-25-2** The effect of nicotine plus high fat on endothelial function
Hideaki Kanki
Department of Neurology, Graduate School of Medicine, Osaka University, Japan
- Pe-25-3** Serum-derived exosomes treatment for functional recovery after stroke
Kenichiro Hira
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-25-4** Microglia contribute to the development of central poststroke pain
Takahide Itokazu
Neuro-Medical Science, Graduate School of Medicine, Osaka University, Japan / Molecular Neuroscience, Graduate School of Medicine, Osaka University, Japan
- Pe-25-5** THE ROLE OF LYMPHATIC ENDOTHELIAL CELLS AFTER ISCHEMIC STROKE
Yasuhiro Kuwata
Department of Neurology, Graduate School of Medicine, Kyoto University, Kyoto, Japan., Japan
- Pe-25-6** Partial reperfusion delayed neuronal degeneration and BBB destruction in ischemic stroke in mice
Munehisa Shimamura
Department of Neurology, Graduate School of Medicine, Osaka University, Japan / Department of Health Development and Medicine, Graduate School of Medicine, Osaka University, Japan
- Pe-25-7** Comparison of prevention of stroke between elderly and younger patients after the closure of PFO
Masahiro Katsumata
Department of Neurology, Keio University School of Medicine, Japan
- Pe-25-8** tPA thrombolysis within 4.5 h after onset in five hospital groups in Japan
Ryuta Morihara
Department of Neurology, Okayama University, Japan
- Pe-25-9** Adrenomedullin for acute stroke: an investigator-initiated clinical trial protocol, the AMFIS study
Takeshi Yoshimoto
Department of Neurology, National Cerebral and Cardiovascular Center, Japan

- ★ **Pe-25-10** Cerebral autoregulation after endovascular therapy for acute stroke is associated with outcomes
(APe-01-5) Zhe Zhang
Beijing Tiantan Hospital, Capital Medical University, China
- Pe-25-11** PCA laterality on MRA predicts better functional outcomes in MCA occlusion treated with thrombectomy
Masahiko Ichijo
Department of Neurology, Musashino Red Cross Hospital, Japan
- Pe-25-12** A Case Series of Central Neurocytoma in Two Young Filipino Adults with Obstructive Hydrocephalus
Jason Louie G. Lim
Perpetual Succour Hospital, Cebu City, Philippines
- Pe-25-13** Hemifacial Spasm in a 66-year-old Filipino male caused by Vertebrobasilar Artery Dolichoectasia
Mary Kemberly S. Trinidad
Perpetual Succour Hospital, Cebu City, Philippines
- Pe-25-14** Predictive value of cognitive scores for poststroke late seizures
Hiroya Ohara
Department of Neurology, MinamiNara General Medical Center, Japan / Department of Neurology, Nara Medical University, Japan
- Pe-25-15** A nationwide multi-center questionnaire survey regarding post-stroke complications in Japan
Shuhei Ikeda
National Cerebral and Cardiovascular Center, Neurology, Japan
- Pe-25-16** SREPB2 dependent PCSK 9 expression can be induced after brain ischemia
Atsushi Mizuma
Tokai University School of Medicine, Department of Neurology, Japan
- Pe-25-17** A chronological study of phosphorylated tau expression after cerebral ischemia in rats
Yutaka Otsu
Department of Neurology, Brain Research Institute, Niigata University, Japan
- Pe-25-18** RVCL-associated mutant TRESX1 uniquely induces cell growth arrest and cytotoxicity in in vitro model
Shoichiro Ando
Department of Neurology, Brain Research Institute, Niigata University, Japan
- Pe-25-19** Oligodendroglial progenitor cells activated microglial cells/macrophages after ischemia
Quang Linh Nguyen
Department of Pathology, University of Toyama, Japan / Stroke center, 108 Military Central Hospital, Viet Nam

PD/PD-related10

- Pe-26-1** Immunohistochemical localization of Smac/DIABLO in brains with alpha-synucleinopathies
Yasuhiro Kawamoto
Center of Neurological and Cerebrovascular Diseases, Koseikai Takada Hospital, Japan
- Pe-26-2** Non-motor symptoms reduce duration of honeymoon period in patients with Parkinson's disease
Yasushi Osaki
Department of Neurology, Kochi Medical School Hospital, Japan
- Pe-26-3** Serum zinc and white matter volume decrease in Parkinson's disease with aspiration pneumonia
Shuro Kogawa
Department of Neurology, Kohka Public Hospital, Japan
- Pe-26-4** Searching for genetic modifiers of PRKN
Kotaro Ogaki
Department of Neurology, Juntendo University School of Medicine, Tokyo, Japan / Department of Neurology, Juntendo University Urayasu Hospital, Urayasu, Japan
- Pe-26-5** Genetic analysis of the variants of vacuolar protein sorting13C gene on Parkinson's disease in Japan
Arisa Hayashida
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-26-6** Immunohistochemical analysis of BRCA1 in Parkinson's disease
Masataka Nakamura
Kansai Medical University Department of Neurology, Japan
- Pe-26-7** Association between plasma essential fatty acid levels and motor function in Parkinson's disease
Tadashi Umehara
Department of Neurology, The Jikei University School of Medicine, Tokyo, Japan
- Pe-26-8** Parkinson's disease and outcomes after abdominal cancer surgery: a retrospective nationwide study
Satoshi Kodama
Department of Neurology, The University of Tokyo Hospital, Japan
- Pe-26-9** Occupancy of adenosine A2A receptors after long-term use of istradefylline in Parkinson's disease
Kenji Ishibashi
Neuroimaging, Tokyo Metropolitan Institute of Gerontology, Japan
- Pe-26-10** 18F-THK5351-PET Imaging Visualizes Neurodegenerative Changes in Neurodegenerative Diseases
Yuji Saitoh
Department of Neurology, National Center of Neurology and Psychiatry, Japan

Pe-26-11 High UPDRS part 2 score is risk factor for depression in PD patients during COVID-19 pandemic

Fukiko Kitani-morii

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

Pe-26-12 The prevalence and characteristics of anxiety in the patients with Parkinson's disease

Reiko Saika

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

Pe-26-13 Frontocortical deficits in Parkinson's disease patients susceptible to pareidolias

Gajanan S. Revankar

Osaka University, Osaka, Japan

Pe-27 一般演題ポスターセッション (英語) 27

En

5月21日 (金) 11:30 ~ 12:10

ポスター会場 (国立京都国際会館 1F New Hall (別館))

PD/PD-related11

Pe-27-1 Neural correlates of minor hallucinations in patients with Parkinson's disease

Yuta Terada

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

Pe-27-2 Clinical and imaging features of face pareidolia in Parkinson's disease

Yuta Kajiyama

Osaka University, Dept. of Neurology, Japan

Pe-27-3 Discriminant analysis of cardiovascular tests identifies iRBD conversion to specific synucleinopathy

Luca Baldelli

Department of Biomedical and NeuroMotor Sciences (DiBiNeM) , University of Bologna, Italy

Pe-27-4 The relation between striatal neurodegeneration and heart rate variability in Parkinson's disease

Tomomichi Kitagawa

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

Pe-27-5 Long-term follow-up of a case with primary orthostatic tremor

Jun Tashiro

Sapporo Parkinson MS Neurological Clinic, Japan

★ **Pe-27-6** Cognitive Determinants in Isolated RBD:
(APe-01-4) a Cross-sectional and Longitudinal Approach

Luisa Sambati

Department of Biomedical and NeuroMotor Sciences (DiBiNeM) , University of Bologna, Italy /
IRCCS Istituto delle Scienze Neurologiche di Bologna, Bologna, Italy

- Pe-27-7** Involvement of HN in development of Parkinson's disease
Adrianna Wasinska
Jagiellonian University Medical College, Poland
- Pe-27-8** Pathological findings in a patient with alpha-synuclein p.A53T and familial Parkinson's disease
Kenya Nishioka
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-27-9** Volume reduction of olfactory bulb in Parkinson's disease detected by DANTE pulse MRI
Akihiro Kikuya
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-27-10** Differentiating Parkinson disease from multiple system atrophy by unpleasant odor stimuli
Junichiro Takahashi
Department of Neurology, The Jikei University School of Medicine, Japan
- Pe-27-11** Clinical characteristics of Painless legs and moving toes syndrome
Gohei Yamada
Nagoya City Medical Center, Japan

Pe-28 一般演題ポスターセッション (英語) 28**En**

5月21日 (金) 11:30 ~ 12:10

ポスター会場 (国立京都国際会館 1F New Hall (別館))

PD/PD-related (basic research) 02

- Pe-28-1** Generation of an inducible Cre mouse line MOR-CreER to study mu opioid receptor-expressing neurons
Taro Okunomiya
Department of Biological Sciences, Graduate School of Medicine, Kyoto University, Japan /
Department of Neurology, Graduate School of Medicine, Kyoto University, Japan / Institute for
Advancement of Clinical and Translational Science (iACT), Kyoto University Hospital, Japan
- Pe-28-2** Neuroprotective activity of berberine in the rotenone induced Parkinson diseases in rats
Deepika D. Singh
SHUATS, Prayagraj, India
- Pe-28-3** Development of monitoring system of human alpha-synuclein using stem cell technology
Hidefumi Suzuki
Department of Neurology, Kyoto University Graduate School of Medicine, Japan / iPSC-based
Drug Discovery and Development Team, RIKEN BioResource Research Center, Japan / Center
for iPS Cell Research and Application (CiRA), Japan
- Pe-28-4** withdrawn

ALS (basic research) 02

- Pe-29-1** Suppressing effects of Prajal and ZNF179 E3 ubiquitin ligases on neuronal TDP-43 aggregate formation
Kazuhiko Watabe
Department of Medical Technology (Neuropathology) , Faculty of Health Sciences, Kyorin University, Japan / Department of Pathology, Division of Pathological Neuroscience, Tokyo Woman's Medical University, Japan
- Pe-29-2** RNA helicases DDX5 and DDX17 are involved in sporadic ALS pathology
Mikiko Tada
Department of Neurology and Stroke Medicine, Yokohama City University Hospital, Japan
- Pe-29-3** CRMP1 depletion accelerates motor dysfunction in animal model of amyotrophic lateral sclerosis
Tetsuya Asano
Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine, Japan
- Pe-29-4** Axonal proteins stimulate microglia to produce pro-inflammatory cytokines relevant to ALS
Shintaro Hayashi
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Neurology, Gunma Rehabilitation Hospital, Japan
- Pe-29-5** Clinicopathologic study of two patients with amyotrophic lateral sclerosis harboring TBK1 mutations
Mari Tada
Department of Pathology, Brain Research Institute, Niigata University, Japan
- Pe-29-6** Optineurin defects cause TDP43-pathology with autophagic vacuolar formation
Takashi Kurashige
Department of Neurology, National Hospital Organization Kure Medical Center and Chugoku Cancer Center, Japan
- Pe-29-7** TDP-43 pathology of spinal cord in tau-related neurodegenerative disorders
Yuichi Riku
Inst. Medical Sciences of Aging, Aichi Med. Univ., Japan / Dept. Neurol., Nagoya Univ., Japan
- Pe-29-8** Phase 1/2a, Double-blind, Placebo-controlled Study of Ropinirole Hydrochloride for ALS (ROPALS)
Shinichi Takahashi
Department of Physiology, Keio University School of Medicine, Japan / Department of Neurology, Keio University School of Medicine, Japan / Department of Neurology and Stroke, Saitama Medical University International Medical Center, Japan

Pe-29-9 Urinary N-terminal titin fragment is a novel biomarker for amyotrophic lateral sclerosis

Shinichiro Yamada

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

Pe-29-10 Fiber-specific white matter analysis reflects upper motor neuron impairment in ALS

Aya Ogura

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

Pe-30 一般演題ポスターセッション (英語) 30

En

5月21日 (金) 16:55 ~ 17:35

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Dementia 04

Pe-30-1 Day service use associated with improvement of orientation and verbal fluency in Alzheimer's disease

Yasuyuki Honjo

Department of Memory Clinic, Kyoto Miniren Asukai Hospital, Japan / Department of Memory Clinic, Biwako-Yoikuin Hospital, Japan / Department of Memory Clinic, Kyoto-Kaisei Hospital, Japan / Department of Memory Clinic, Seika-town National health insurance Hospital, Japan

Pe-30-2 withdrawn

Pe-30-3 Egocentric and allocentric spatial cognition in aMCI and early AD

Ritsuo Hashimoto

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

Pe-30-4 Neurogeriatric approach to delirium/dementia in a multi-faculty university hospital

Ryuji Sakakibara

Neurogeriatric Team, Department of Neurology, Sakura Medical Center, Toho University, Japan

Pe-30-5 MRI/VSRAD®-based analysis of patients with forgetfulness or cognitive decline at our memory clinic

Takayuki Katayama

Department of Neurology, Asahikawa City Hospital, Japan

Pe-30-6 Cingulate island sign in SPECT: clinical biomarker correlations in LBD and AD

Akinori Futamura

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

Pe-30-7 Association of white matter hyperintensity progression with cognitive decline in patients with MCI

Kentaro Hirao

Department of Geriatric Medicine, Tokyo Medical University, Japan

Pe-30-8 Expanded genetic insight and clinical experience of DNMT1-complex disorder

Kaori Hojo

Harima Sanatorium, Division of Neuropsychiatry, Japan

- Pe-30-9** Intravascular lymphoma as a cause of treatable neurocognitive disorder: a report of 2 cases
Takashi Irioka
Department of Neurology, Yokosuka Kyosai Hospital, Japan
- Pe-30-10** A clinicopathological case report of limbic-predominant age-related TDP-43 encephalopathy (LATE)
Satoshi Tomita
Clinical Research Center, and Department of Neurology, National Hospital Organization Utano National Hospital, Japan
- Pe-30-11** Lobar Hemorrhages and Cortical Superficial Siderosis in AD with APOE e2/e2 and THK5351 PET findings
Masaki Ikeda
Faculty of Health and Medical Care (Neurology), Saitama Medical University, Japan /
Department of Neurology, Geriatrics Research Institute and Hospital, Japan / Department of Neurology, Gunma University Graduate School of Medicine, Japan

Pe-31 一般演題ポスターセッション (英語) 31

En

5月21日 (金) 16:55 ~ 17:35

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Dementia (basic research) 02

Pe-31-1 withdrawn

Pe-31-2 withdrawn

Pe-31-3 Acetylcholine is decreased in a hippocampus of HCNP-pp knockout mice

Yuko Kondo

Neurology Nagoya City University, Japan

Pe-31-4 cleavage-resistant N-cadherin-KI mice exhibit synapse anomaly and outperformance in learning tasks

Ayae Kinoshita

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

Pe-31-5 Stress causes aberrant eating behaviors via alteration in the mesolimbic dopamine system

Yusuke Fujioka

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

Pe-31-6 A search for novel synaptic proteins associated with BACE1/SV2B interaction

Masakazu Miyamoto

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

Pe-31-7 The pathogenic effects of Abeta on blood brain barrier and oligodendrocytes in Alzheimer's disease

Takakuni Maki

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

- Pe-31-8** Development of tau nasal vaccine against tauopathy-related dementia
Keiko Imamura
 Center for iPS Cell Research and Application (CiRA) , Kyoto University, Japan / iPSC-based Drug Discovery and Development Team, RIKEN BioResource Research Center (BRC) , Japan / Medical-risk Avoidance based on iPS Cells Team, RIKEN Center for Advanced Intelligence Project (AIP) , Japan

Pe-32 一般演題ポスターセッション (英語)32

En

5月21日 (金) 16:55 ~ 17:35

ポスター会場 (国立京都国際会館 1F New Hall (別館))

SBMA・others 02

- Pe-32-1** The utility of muscle CT in distinguishing spinal muscular atrophy from other neuromuscular diseases
Daisuke Yoshii
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-32-2** Clinical outcomes in adult spinal muscular atrophy treated with nusinersen
Natsuko Togawa
 Department of Neurology, Kyoto University Hospital, Japan
- Pe-32-3** A longitudinal study of the subjects with SBMA using real-world data
Atsushi Hashizume
 Nagoya University, Department of Neurology, Japan
- Pe-32-4** Clinical features in female CAG repeat expansion carriers on androgen receptor gene
Ryota Torii
 Department of Neurology, Nagoya University Graduate School of Medicine, Japan

Pe-33 一般演題ポスターセッション (英語)33

En

5月21日 (金) 16:55 ~ 17:35

ポスター会場 (国立京都国際会館 1F New Hall (別館))

SBMA・others (basic research)

- Pe-33-1** Elucidating early pathophysiology of spinal-bulbar muscular atrophy using disease-specific iPSCs
Kazunari Onodera
 Department of Neurology, Aichi Medical University School of Medicine, Japan / Department of Neurology, Nagoya University Graduate School of Medicine, Japan
- Pe-33-2** Allele selective suppression of mutant polyQ protein by LNP-delivered siRNA targeting CAG expansions
Tomoki Hirunagi
 Department of Neurology, Nagoya University Graduate School of Medicine, Japan

Pe-33-3 TFEB over-expression reduces mutant AR protein and ameliorates phenotypes of the SBMA mouse model

Hiroaki Adachi

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

Pe-34 一般演題ポスターセッション (英語) 34

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5月21日 (金) 16:55 ~ 17:35

ポスター会場 (国立京都国際会館 1F New Hall (別館))

Neuroimmunology (basic research) 01

Pe-34-1 Identification of type-1 interferon driven proinflammatory gene set on helper T cells in MS

Norio Chihara

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

Pe-34-2 Perivascular macrophage infiltration and the myelin phagocytosis in MOG antibody-associated diseases

Yoshiki Takai

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

Pe-34-3 Lack of Parkin alters glial immune responses and increases neuroinflammation during EAE

Davide Cossu

Juntendo University, Japan

Pe-34-4 Cellular Immunity and Neuroinflammation in Patients with Active MS or NMOSD

Makoto Matsui

Department of Neurology, Kanazawa Medical University, Japan

Pe-34-5 An unexpected tolerogenic potency of an anti-thyroid hormone drug Yoshimitsu Doi

Seikeikai Hospital, Japan / National Center of Neurology and Psychiatry, Japan

Pe-34-6 Chronic excessive alcohol drinking exacerbated experimental autoimmune encephalomyelitis

Kota Moriguchi

Self Defense Forces Hanshin Hospital, Japan / Department of Neurology, Kindai University School of Medicine, Japan

Pe-34-7 Harnessing immunity by the flanking residues of self-peptide that regulates its functional avidity

Youwei Lin

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

- Pe-34-8** Myelin glycolipid sulfatide alters B cell functions:
Roles in the pathogenesis of multiple sclerosis

Mio Hamatani

Department of Neurology, Kansai Medical University Medical Center, Japan / Department of Immunology, Kyoto University Graduate School of Medicine, Japan

- Pe-34-9** Analysis of Cytokines and Chemokines levels in CSF discriminates MS with and without Red Flags

Shinji Ashida

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

Pe-35 一般演題ポスターセッション (英語) 35

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Neuroimmunology 05

- Pe-35-1** Correlation between cognitive and brain MRI parameters in Japanese patients with multiple sclerosis

Shoko Fukumoto

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

- Pe-35-2** Validation of the SDMT as a measure of silent progression in MS: a retrospective cohort study

Kyoka Shiroma

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

- Pe-35-3** Relationship between immunotherapies and severity during recovery phase of NMDAR encephalitis

Satoru Oji

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

- Pe-35-4** Difference of distribution in limbic system between herpes simplex and autoimmune encephalitis

Hiroshi Kuroda

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

- Pe-35-5** Immunostaining pattern of neuronal surface antibodies with in-house IHC and commercial IHC

Atsuko Yanagida

Department of Neurology, Kitasato University School of Medicine, Japan

Pe-36 一般演題ポスターセッション (英語) 36

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Neuroinfection 03

- Pe-36-1** withdrawn

- Pe-36-2** Anterior ischemic optic neuropathy associated with *Schistosoma mansoni* infection
Aye M. Nyein
North Okkalapa General and Teaching Hospital, Myanmar
- Pe-36-3** HIV ASSOCIATED NEUROCOGNITIVE DISORDER AND COVID 19 INFECTION IN A 37 YEAR OLD FILIPINO PATIENT
Dianne P. Ducay
Perpetual Succour Hospital, Cebu City, Philippines
- Pe-36-4** A patient with sporadic Creutzfeldt-Jakob disease and repeated intracranial hemorrhage
Akio Akagi
Department of Neuropathology, Institute for Medical Science of Aging, Aichi Medical University, Japan
- Pe-36-5** Prion gene PRNP Y162X truncation mutation induced a refractory esophageal achalasia
Younhee Kim
Division of Neurology, Department of Medicine, Jichi Medical University, Tochigi, Japan

Pe-37 一般演題ポスターセッション (英語) 37

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Sleep disorders

- Pe-37-1** MRI-based machine learning for diagnosing REM sleep behavior disorder in older population
Kenji Yoshinaga
Department of Advanced Neuroimaging, Integrative Brain Imaging Center, National Center of Neurology and Psychiatry, Japan / Department of Integrated Neuroanatomy & Neuroimaging, Kyoto University Graduate School of Medicine, Japan
- Pe-37-2** POLYSOMNOGRAPHIC PREDICTORS OF RESPONSE TO MILNACIPRAN IN DEPRESSION
Amrit Pattojoshi
Central Institute of Psychiatry, India
- Pe-37-3** withdrawn

Pe-38 一般演題ポスターセッション (英語) 38

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Headache 02

- Pe-38-1** withdrawn
- Pe-38-2** Galcanezumab Dose Justification for Japanese Patients with Migraine by Population PK/PD analyses
Hanaka Mimura
Eli Lilly Japan K.K., Kobe, Japan

- Pe-38-3** Reappraisal of abnormal EEG in migraine by wide-band digital EEG
Kyoko Hosokawa
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-38-4** Relationship between central sensitization and restless legs syndrome in patients with migraine
Keisuke Suzuki
Department of Neurology, Dokkyo Medical University, Japan
- Pe-38-5** Effect of blue light on cortical spreading depression
Eiji Kitamura
Kitasato University, School of Medicine, Department of Neurology, Japan

Pe-39 一般演題ポスターセッション (英語) 39**En**

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Clinical neurophysiology 02

- Pe-39-1** Focal delta slow wave with fast oscillations in scalp-EEG may represent epileptogenicity in epilepsy
Miwa Takatani
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-39-2** Direct, not network-mediated, electrical stimulation reduces excitability in the epileptic focus
Shunsuke Kajikawa
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-39-3** Functional mapping of semantic processing in the anterior temporal lobe
Akihiro Shimotake
Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-39-4** Slow and infraslow of scalp EEG is associated with transient neurological events in Moyamoya disease
Kozue Hayashi
Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Pe-40 一般演題ポスターセッション (英語) 40**En**

5月21日 (金) 16:55 ~ 17:35

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Medical care for intractable diseases 02

- Pe-40-1** Five-years' accomplishment of Initiative on Rare and Undiagnosed Diseases (IRUD)
Yuji Takahashi
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan