

Pe-001 English Poster Session 001**AOCN2024 En**

May 29 (Wed) 17:20 ~ 18:40

Poster Session (E Block B2F Hall E)

Cerebrovascular disease: Predictors and Markers 1

Chairs : Ryo Itabashi

Stroke Center, Division of Neurology and Gerontology, Department of Internal
Medicine, School of Medicine, Iwate Medical University, Japan

Naoki Oyama

Department of Stroke Medicine, Kawasaki Medical School, Japan

Pe-001-1**RISK FACTORS AND LABORATORY PARAMETERS IN LARGE
ARTERY ATHEROSCLEROSIS SUBTYPE OF ISCHEMIC STROKE**

Bayarmaa Purevdorj

Stroke Department, Third State Central Hospital, Mongolia

Pe-001-2 Factors associated with outcome of intravenous thrombolytic therapy in ischemic stroke patients

Mintra Tangrungruengkit
Nopparat Rajathanee Hospital, Thailand

Pe-001-3 An MRI-based deep learning imaging biomarker in predicting functional outcomes after ischemic stroke

Sheng-feng Sung
Ditmanson Medical Foundation Chia-Yi Christian Hospital, Taiwan

Pe-001-4 Usefulness of myelin quantification with synthetic MRI for predicting outcomes among stroke patients

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

Pe-002 English Poster Session 002

AOCN2024 **En**

May 29 (Wed) 17:20 ~ 18:40

Poster Session (E Block B2F Hall E)

Cerebrovascular disease: Clinical signs, Symptoms, etc. 1

Chairs : Phyu Phyu Lay
AOAN Delegate of Myanmar / Yangon General Hospital, University of
Medicine 1, Yangon, Myanmar
Jun Sawada
Division of Neurology, Asahikawa Medical University Hospital, Japan

Pe-002-1 Results of study on ischemic stroke subtypes based on TOAST classification

Uuriintuya M. Munkhtur
Shastins third central hospital of Mongolia, Mongolia

Pe-002-2 ~~MCA Pseudoaneurysm complicated by MCA stroke in young man, Rare case report & review of literature~~

~~Asad A. Alamsi
College of medicine, Tabuk University, Madinah, Saudi Arabia~~

withdrawn

Pe-002-3 Clinical Features and Prognostic Factors of Patients with Cancer-associated Stroke

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

Pe-002-4 Neuropsychiatric symptoms are prevalent in patients with CADASIL

Bai Li
Department of neurology, Peking University First Hospital, China / Beijing key laboratory of neurovascular disease discovery, China

Dementia: Clinical research 1

Chairs : Yasuomi Ouchi

Hamamatsu University School of Medicine Dep. Biofunctional Imaging, Japan

Tsuyoshi Hamaguchi

Department of Neurology, Kanazawa Medical University, Japan

Pe-003-1 The effect of cognitive stimulation using virtual reality in patient with Alzheimer's disease

Jinse Park

Hauendae Paik Hospital, Inje University, Korea

Pe-003-2 Clinical characterization of Alzheimers disease in U.S. Veterans by disease severity

Peter Morin

Department of Neurology, Boston University Chobanian & Avedisian School of Medicine, USA

Pe-003-3 Changes in dementia treatment patterns associated with National Policy in Korea

Jun Hong Lee

Department of Neurology, National Health Insurance Service Ilsan Hospital, Korea

Pe-003-4 Application of the ATN framework in cognitively intact adults: the CABLE Study

Hu Hao

Qingdao Municipal Hospital, Qingdao University, China

Dementia: Basic research 1

Chairs : Noriyuki Matsukawa

Department of Neurology, Nagoya City University, Japan

Koki Makioka

Chichibu-daiichi Hospital, Japan

Pe-004-1 Young 5XFAD mice recapitulate the biofluid biomarker changes of preclinical Alzheimer's disease

Hiroko Yagihara

Department of Neurophysiology, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan

Pe-004-2 Reduction of ACh release via impaired ACh metabolic cycle in the hippocampus of HCNP-pp KO mice

Itsumi Arakawa

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

Pe-004-3 The diversity of A β seeds in Alzheimer's disease brains underlying A β pathological heterogeneity

Hirokazu Uchigami

Department of Neuropathology, Graduate School of Medicine, The University of Tokyo, Japan /
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan**Pe-004-4** EFFECTS OF CEREBELLAR HEMORRHAGE ON NEUROIMMUNE MODULATION IN AD MICE

Mu-ting Shih

Department of Laboratory Medicine and Biotechnology, Tzu Chi University, Hualien, Taiwan

Pe-004-5 Perampanel reduces beta-amyloid pathology and alters AMPAR construction in APP tg mice

Sakiho Ueda

Department of Neurology, Kyoto University Graduate School of Medicine, Japan / Occupational Welfare Division, Kyoto University, Japan

Pe-004-6 Pathological alterations of hippocampus in vascular cognitive impairment

Shintaro Toda

Kyoto University Hospital, the department of Neurology, Japan

Pe-005 English Poster Session 005

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Poster Session (E Block B2F Hall E)

Parkinsonism and Related disorders: Clinical tests and Evaluation 1

Chairs : Masafuchiryo

Department of Neurology SHONAN HIRATSUKA HOSPITAL Social Welfare
Organization Saiseikai Imperial Gift Foundation, Inc., Japan

Hiroshi Nagayama

Lectureship of Neurological Sciences, Graduate School of Medicine, Nippon
Medical School, Japan**Pe-005-1** Comparisons of MIBG uptake in the major salivary glands between PD and atypical parkinsonism

Junya Ebina

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-005-2 Electroencephalography and nerve conduction assessment in Parkinsons disease

Dilip Thakur

B. P. Koirala Institute of Health Sciences, Nepal

Pe-005-3 Two distinct degenerative types of nigrostriatal dopaminergic neurons of parkinsonian disorders

Tomoya Kawazoe

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

Pe-005-4 Three cases of Parkinson's disease suspected of scans with ipsilateral dopaminergic deficits

Yusuke Baba

Department of Neurology, The University of Tokyo Hospital, Japan

Parkinsonism and Related disorders: Clinical signs, Symptoms, etc. 1

Chairs : Mutsumi Iijima

Department of Neurology, Tokyo Women's Medical University, Japan

Hiroshi Yamashita

Hiroshima City North Medical Center Asa Citizens Hospital, Japan

Pe-006-1 Association of cognitive impairment and sarcopenia in patients with Parkinson's disease

Motohiro Okumura

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

Pe-006-2 Frequency of restless leg syndrome in Parkinson disease

Raja Zaigham Abbas

Gujranwala teaching hospital, gujranwala, Pakistan

Pe-006-3 Association between excessive daytime sleepiness and clinical findings in Parkinson's disease

Shin-ichi Ueno

Department of Neurology, Juntendo University, Japan

Pe-006-4 withdrawn**Pe-006-5 A study on the appearance timing of non-motor symptoms in Parkinson's disease**

Yoko Sugimura

Department of Neurology, NHO Sendai Nishitaga Hospital, Japan / Department of Cognitive & Motor Aging, Tohoku University Graduate School of Medicine, Japan

Parkinsonism and Related disorders: Basic research 1

Chairs : Hodaka Yamakado

Department of therapeutics for Multiple System Atrophy, Kyoto University Graduate School of Medicine, Japan

Kousuke Baba

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

Pe-007-1 withdrawn**Pe-007-2 The effect of nicotine on the suppression of Parkinson's disease**

Shogo Ohuchi

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

Pe-007-3 Pharmacological In vivo and in vitro potential of resveratrol in rat models of Parkinson's disease

Rahul Kumar
J K College, India

Pe-007-4 Modulatory Effects of Quercetin on Cadmium-Induced Parkinson's via Inhibition TNF α /iNOS/CREB Pathway

Richa Gupta
Nirma University, India

Pe-007-5 withdrawn

Pe-007-6 Microglial xCT is an aggravating factor in MPTP-induced Parkinson's disease model

Masahiro Kanatani
Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University, Japan / Division of Biochemistry, Department of Pathophysiological and Therapeutic Sciences, Faculty of Medicine, Tottori University, Japan

Pe-008 English Poster Session 008

AOCN2024 En

May 29 (Wed) 17:20 ~ 18:40

Poster Session (E Block B2F Hall E)

Motor neuron disease: Clinical research 1

Chairs : Kiyotaka Nakamagoe
University of Tsukuba, Dep. of Neurology, Japan
Mizuki Ito
Fujita Health University Bantane Hospital, Japan

Pe-008-1 Longitudinal Study of Body Temperature as a Prognostic and Metabolic Biomarker in ALS

Ryutaro Nakamura
Department of Neurology, Shiga University of Medical Science, Japan

Pe-008-2 Constipation in patients with amyotrophic lateral sclerosis: A retrospective longitudinal study

Yuki Yamamoto
Department of Neurology, Tokushima University Hospital, Japan / Department of Neurology, Tokushima Prefectural Central Hospital, Japan

Pe-008-3 Retrospective observational study of gastrostomy in amyotrophic lateral sclerosis patients

Kenta Tominaga
Department of Neurology, Jichi Medical University, Saitama Medical Center, Japan

Pe-008-4 Saccadic intrusions observed in amyotrophic lateral sclerosis

Kiyotaka Nakamagoe
Department of Neurology, Division of Clinical Medicine, University of Tsukuba, Japan

Pe-008-5 FUS cohort study in Taiwan with a de novo mutation

Hou-ping Sytwu
Taipei Veteran General Hospital, Taiwan

Motor neuron disease: Basic research 1

Chairs : Makiko Nagai

Kitasato University, Department of Neurology, Japan

Yohei Iguchi

Dept. of neurology, Nagoya Univ., Japan

Pe-009-1 I Kappa B Kinase phosphorylates cytoplasmic TDP-43 and promotes its proteasome degradation

Yohei Iguchi

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

Pe-009-2 TDP-43 differentially propagate in the corticospinal circuits in mouse ALS models

Shintaro Tsuboguchi

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

Pe-009-3 Short TDP-43 Isoforms: Mediators in Mitigating TDP-43 Aggregation and Gene Dysregulation

Takuma Yamagishi

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

Pe-009-4 The biological role of m6A RNA methylation in cytoplasmic localization of TDP-43

Yuki Kuwano

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

Pe-009-5 Role of HNRNPA1 on TDP-43 autoregulatory mechanisms

Shingo Koide

Department of Neurology, Brain Research Institute (BRI), Niigata University, Japan

Pe-010 English Poster Session 010**Cerebellar ataxia and Myelopathy 1**

Chairs : Naonobu Futamura

NHO Hyogo Chuo National Hospital, Japan

Masaaki Matsushima

Health Care Center Hokkaido University, Japan

Pe-010-1 Elucidation of biomarkers of neurodegenerative diseases by GAPFREE4 project

Fumiko Nakamoto

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

Pe-010-2 Natural history and epidemiological study of multiple system atrophy in Hokkaido: HoRC-MSA 2014-2023

Masaaki Matsushima

Department of Neurology, Hokkaido University, Japan

Pe-010-3 Obstructive apnea hypopnea associated with medulla and cerebellum atrophy in multiple system atrophy

Yusuke Nakagawa

Department of Neurology, NHO Shizuoka Institute of Epilepsy and Neurological Disorders, Japan
 / Department of Neurology, Fuji City General Hospital, Japan

Pe-010-4 Cerebellar blood perfusion is a diagnostic, not a prognostic, marker for multiple system atrophy

Kenta Shiina

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-011 English Poster Session 011

AOCN2024 **En**

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Poster Session (E Block B2F Hall E)

Neuroimmunology: NMOSD 1

Chairs : Masahiro Mori

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

Katsuichi Miyamoto

Wakayama Medical University, Japan

Pe-011-1 A causal relationship between NMO and Varicella-Zoster Virus

Yuki Matsumoto

Department of Neurology, Tohoku University, Japan

Pe-011-2 The age-related outcome study of neuromyelitis optica in a single center in Mongolia

Purevsuren Ganbold

Reflex neurological clinic, Mongolia

Pe-011-3 New insights into mapping lesion and neurotransmitter distribution in MOG-ab and AQP4-ab NMOSD

Zhao Yanan

Xuanwu Hospital, National Center for Neurological Disorders, Capital Medical University,
 Beijing, 100053, China

Pe-011-4 Involvement of Optic Chiasm and Optic Tract in Central Nervous System Demyelinating Optic Neuritis

Natthapon Rattanathamsakul

Division of Neurology, Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol
 University, Thailand / Siriraj Neuroimmunology Center, Mahidol University, Thailand

Peripheral neuropathy 1

Chairs : Yuki Hatanaka

Department of Neurology, Teikyo Medical University, Japan

Mitsuru Sanada

Department of Neurology, National Hospital Organization Shigaraki National Hospital, Japan

Pe-012-1 Cardiac variant Fabry disease with initial presentation of neuropathic pain: a case series studies

Sung-ju Hsueh

National Taiwan University Hospital Bei-Hu Branch, Taiwan

Pe-012-2 Neuromuscular ultrasound in carpal tunnel syndrome among the Mongolian patients

Munkhbayar Rentsenbat

Reflex neurological clinic, Mongolia

Pe-012-3 Relationship Between Nerve Ultrasonography image and Electrophysiology in diabetic polyneuropathy

Hsieh Pei-chen

Department of Neurology, Chang Gung Memorial Hospital at Linkou Medical Center and Chang Gung University College of Medicine, Taoyuan, Taiwan / Chang Gung University, College of Medicine, Taoyuan, Taiwan

Pe-012-4 Alpha Lipoic Acid and Gamma Linoleic Acid in the Management of Diabetic Polyneuropathy: A NMA Study

Mario Jr B. Prado

University of the Philippines Manila College of Medicine, Philippines

Pe-012-5 Contrast-enhanced MRI findings of patients with acute Bell's palsy within 7 days of symptom onset

Jung Im Seok

Catholic University of Daegu, School of Medicine, Korea

Epilepsy 1

Chairs : Misa Nakano

Department of Neurology, Suita Municipal Hospital, Japan

Masako Kinoshita

NHO Utano National Hospital, Japan

Pe-013-1 Metabolic encephalopathy with and without epileptic seizure: screening with density spectrum array

Narumi Ohno

Department of Clinical Neuroscience and Therapeutics, Hiroshima University, Graduate School of Biomedical and Health Sciences, Japan / Epilepsy Center, Hiroshima University Hospital, Japan

Pe-013-2 EEG/Epilepsy Fellowship Trends for Future Development: Pre and Post COVID-19 pandemic Comparison
Jumpei Togawa
 Department of Respiratory Care and Sleep Control Medicine, Graduate School of Medicine, Kyoto University, Japan

Pe-013-3 Association of infraslow of scalp EEG and TFNEs in 4 patients of acute symptoms
Yutaka Yamamoto
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan / Department of Neurology, Shiga Medical University of Science Graduate school of Medicine, Japan

Pe-013-4 EEG biomarker candidate for Benign Adult Familial Myoclonus Epilepsy: harmonic to photic stimulation
Yuki Sanada
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Pe-013-5 GENOTYPE-PHENOTYPE OF WEST SYNDROME IN 20 VIETNAMESE CHILDREN: TWO NOVEL VARIANTS DETECTED
Duc M. Nguyen
 Neurology Department, University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam

Pe-013-6 Adult pilomyxoid astrocytoma presenting in the temporal lobe
Denesh Selvarajah
 Canberra Hospital, ACT, Australia

Pe-013-7 Late seizures have stronger association with cognitive scores than size of cerebral infarction
Hiroya Ohara
 Department of Neurology, Minaminara General Medical Center, Japan

Pe-014 English Poster Session 014

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Poster Session (E Block B2F Hall E)

Sleep disorders

Chairs : Masayuki Miyamoto
 Dokkyo Medical University Graduate School of Nursing / Department of Neurology Dokkyo Medical University Hospital, Japan
Makoto Eriguchi
 Saga-ken medical centre KOSEIKAN, Japan

Pe-014-1 Alterations in the multilayer network in patients with rapid eye movement sleep behavior disorder
Dong Ah Lee
 Haeundae Paik Hospital, Inje University College of Medicine, Korea

Pe-014-2 Validation of the Mongolian version of the Epworth sleepiness scale
Enebish Bujinlkhram
 General hospital for state special servants, Mongolia

- Pe-014-3** Validation of Functional Outcomes of Sleep Questionnaire - Mongolian Version of OSA Patients
Dashzeveg Shuren
General hospital for state special servants, Mongolia / Mongolian society of sleep medicine, Mongolia
- Pe-014-4** Sleep status and headaches among the mental health staffs
Enkhtaivan Bataa
Rehamed hospital, Mongolia
- Pe-014-5** The association between smartphone addiction and quality of sleep among medical students in Mongolia
Selenge Enkhtuya
Reflex neurological clinic, Mongolia
- Pe-014-6** Smartphone addiction and daytime sleepiness among medical students in Mongolia
Davaadulam Khutagbaatar
Reflex neurological clinic, Mongolia

Pe-015 English Poster Session 015

AOCN2024 En

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Poster Session (E Block B2F Hall E)

Headache

Chairs : Toshiya Nakano

Promotion Office for Co-learning of Community Medicine, Faculty of Medicine,
Tottori University, Japan

Kensuke Hamada

The University of Tokyo Hospital, Japan

- Pe-015-1** Differences in Clinical Characteristics between Children/Adolescents and Adults: A Multicenter Study
Noboru Imai
Department of Neurology and Headache Center, Japanese Red Cross Shizuoka Hospital, Japan

- Pe-015-2** withdrawn

- Pe-015-3** Relation between severity of headache and amygdala volume in migraine patients
Shota Kosuge
Department of Physiology, Showa University School of Medicine, Japan / Department of Neurology, Showa University School of Medicine, Japan

- Pe-015-4** Decoding Pain through Facial Expressions: An Exploration in Migraine Patients
Fujung Hsiao
Brain Research Center, National Yang Ming Chiao Tung Univ., Taiwan

- Pe-015-5** The prevalence and burden of primary headache disorders in high school adolescents in Mongolia
Otgonbayar Luvsannorov
Mongolian National University of Medical Sciences, Mongolia

Pe-015-6 HEADACHE CHARACTERISTICS IN SYSTEMIC LUPUS ERYTHEMATOSUS PATIENTS**Stephanie Evelyn Hartono**

Department of Neurology, Faculty of Medicine, Universitas Indonesia, Indonesia / Dr. Cipto Mangunkusumo General Hospital, Indonesia

Pe-015-7 Lateralisation of pain in migraine: the factors that contribute to it**Byungkun Kim**

Nowon Eulji Medical Center, Korea

Pe-016 English Poster Session 016**AOCN2024 En**

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Poster Session (E Block B2F Hall E)

Clinical neurophysiology

Chairs : Winnugroho Wiratman

AOAN Delegate of Indonesia / University of Indonesia, Indonesia

Katsumi Kurokawa

Kawasaki Medical School General Medical Center, Neurology, Japan

Pe-016-1 HBA1c AND NERVE CONDUCTION VELOCITIES IN FILIPINO PATIENTS WITH DIABETES MELLITUS TYPE 2**John Romeo Dominick M. Dino**

St. Paul's Hospital Iloilo, Philippines

Pe-016-2 withdrawn**Pe-016-3 Offset Analgesia for Parkinson's Disease****Kazuaki Sajima**

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

Pe-016-4 Optimizing Intraoperative Visual Evoked Potential Monitoring in Pituitary Tumor Surgery**Jongsuk Choi**

Department of Neurology, Korea University Anam Hospital, Korea University College of Medicine, Seoul, Republic of Korea, Korea

Pe-016-5 Using a transcranial magnetic stimulation in patients with essential tremor to reduce anxiety**Guzel Shiderova**

Institute of neurology and neurorehabilitation named after Smagul Kaishibayev, Kazakhstan

Neurogenetics, Gene therapy, and iPS cell 1

Chairs : Chikako Nito

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

Hiroshi Doi

Department of Neurology and Stroke Medicine, Yokohama City University,
Japan**Pe-017-1 Exploration of modifier genes for PRKN**

Monami Osawa

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

Pe-017-2 Long-read sequencing identified large inversion in PRKN

Manabu Funayama

Research Institute for Diseases of Old Age, Graduate School of Medicine, Juntendo University,
Japan / Department of Neurology, Faculty of Medicine, Juntendo University, Japan / Center for
Genomic and Regenerative Medicine, Graduate School of Medicine, Juntendo University, Japan**Pe-017-3 Identification of PARK7 in Japanese Familial Early-Onset Parkinson's disease**

Mayu Ishiguro

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

Pe-017-4 Establishment of a synucleinopathy iPSC cohort for disease modeling and drug discovery

Hidefumi Suzuki

Department of Neurology, Kyoto University Graduate School of Medicine, Japan / Center for iPSC
Cell Research and Application (CiRA), Kyoto University, Japan / iPSC-based Drug Discovery
and Development Team, RIKEN BioResource Research Center, Japan**Pe-017-5 Clinical and genetic analysis of Japanese patients with SPG7**

Akihiko Mitsutake

Department of Neurology, The University of Tokyo Hospital, Japan / Department of Neurology,
International University of Health and Welfare Mita Hospital, Japan**Pe-017-6 First Report of familial ALS8 in Japan**

Ikuko Iwata

Department of Neurology, Hokkaido University, Japan

Neuropathology 1

Chairs : Yasushi Iwasaki

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

Shigeru Koyano

Yokohama Minami Kyodai Hospital, Japan

Pe-018-1 Autopsy features of neuronal intranuclear inclusion disease focusing on astrocytic alterations

Shoko Hongo

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

Pe-018-2 Clinicopathologic correlates of pure apraxia of speech in an autopsied patient with PSP

Misato Ozawa

Department of Pathology, Brain Research Institute, Niigata University, Japan / Division of Neurology, Department of Medicine, Jichi Medical University, Japan

Pe-018-3 Venous pathologic change in HTRA1-related cerebral small vessel disease

Rie Saito

Department of Pathology, B.R.I., Niigata University, Japan

Pe-018-4 Reconsidering the pathological classification of sporadic Creutzfeldt-Jakob disease

Akio Akagi

Aichi Medical University Institute for Medical Science of Aging, Japan

Other neurological problems: Clinical research 1

Chairs : Hiroshi Yoshizawa

Tokyo Women's Medical University, Department of Neurology, Japan

Yumiko Uchiyama

Kudanzaka Hospital, Division of Neurology, Department of Internal Medicine, Japan

Pe-019-1 Body weight in neurological and psychiatric disorders: a large prospective cohort study

Rong-ze Wang

Huashan Hospital, Shanghai Medical School, Fudan University, China

Pe-019-2 ~~Multidisciplinary study explores saffron and chamomile synergy for depression management~~~~Sana Muddasir Khan~~~~The Iqbal Khan University, Karachi, Pakistan~~

withdrawn

Pe-019-3 Probiotics in Alleviating Depression via Microbiota-Gut-Brain Axis Modulation: Systematic Review

Evelyn N. Hailianto
Faculty of Medicine, Pelita Harapan University, Indonesia

Pe-019-4 Neurological Conditions and Their Impact on Anxiety, Depression, and Targeted Interventions

Sahnaz V. Putri
Health Management Laboratory, International University Semen Indonesia, Indonesia

Pe-020 English Poster Session 020

AOCN2024 En

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Poster Session (E Block B2F Hall E)

Other neurological problems: Basic research 1

Chairs : Tomokazu Obi
Shizuoka Institute of Epilepsy and Neurological Disorders, Japan
Eiji Kitamura
Department of Neurology, Kitasato University School of Medicine, Japan

Pe-020-1 Role of the GABA transporter GAT-3 and GABAergic transmission in the CeA in substance use disorders

Eric Augier
Linköping University, BKV, Sweden

Pe-020-2 Disorders caused by an excess of manganese ions and the effects of some antioxidants on them

Tamar Z. Bikashvili
I.Beritashvili Center of Experimental Biomedicine, Georgia / New Vision University, Georgia

Pe-020-3 Long-term exposure to toluene vapor impairs cognition function; electron microscope investigations

Nino N. Pochkhidze
Ivane BeritaSvili Center of Experimental Biomedicine, Georgia / Ilia State University, Georgia

Pe-020-4 Effect of blue light and ultraviolet light on KCl-induced cortical spreading depression

Eiji Kitamura
Kitasato University, School of Medicine, Japan

Pe-020-5 Corticosterone impairs contextual fear recall after reactivation in the menopause female rat

Adel Kashefi
Semnan University of Medical Sciences, Iran

Pe-020-6 MODULATION OF IMMUNE RESPONSES BY IFN- β FOR MITIGATING INTRACEREBRAL HEMORRHAGE-INDUCED DAMAGE

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

- Pe-020-7** Neuroprotective actions of estradiol and progesterone in different age groups of menopausal rats
 Pardeep Kumar
 Jawaharlal Nehru University, India

Pe-021 English Poster Session 021

AOCN2024 **En**

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Cerebrovascular disease: Acute phase therapy 1

Chairs : Takehiko Nagao

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

Jiro Kitayama

Neurology, Japanese Red Cross Fukuoka Hospital, Japan

- Pe-021-1** Long term outcome of surgical management for vertebral hemangioma presenting with myelopathy

Pankaj K. Singh

All india institute of medical sciences, New Delhi, India

- Pe-021-2** Comparative Efficacy of Anticoagulant Vs Antiplatelets in Recent Small Subcortical Strokes with AFib

Minwoo Lee

Hallym University Sacred Heart Hospital, Korea

- Pe-021-3** Effectiveness and Safety of Argatroban with Dual antiplatelet therapy for Atherothrombotic Stroke

Saki Nakashima

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

- Pe-021-4** Endovascular treatment with IV rt-PA does not induce symptomatic hemorrhage but improves outcomes

Yoon Byeol-a

Department of Neurology, College of Medicine, Dong-A University, Korea

- Pe-021-5** THE RESULTS OF A STUDY IN PATIENTS WITH “WAKE-UP STROKE”

Tuvshinjargal Bold

Stroke Department, Third State Central Hospital, Mongolia

- Pe-021-6** Dual-Antiplatelet Therapy After Stent-assisted Coil for Cerebral Aneurysm: A Nationwide Cohort Study

Minyoul Baik

Yongin Severance Hospital, Yonsei University College of Medicine, Korea

- Pe-021-7** Herbal medicines for the cerebral vasospasm after subarachnoid hemorrhage: A systematic review

Seungwon Kwon

Department of Cardiology and Neurology, Kyung Hee University College of Korean Medicine,
 Kyung Hee University Medical Center, Korea

Cerebrovascular disease: Predictors and Markers 2

Chairs : Yusuke Yakushiji

Department of Neurology, Kansai Medical University, Japan

Yohei Tateishi

Department of Neurology and Stroke, Japan

Pe-022-1 Brachial Flow-mediated Dilation and Early Neurological Deterioration in Acute Ischemic Stroke

Sang Hee Ha

Gil medical center, Gachon university college of Medicine, Korea

Pe-022-2 Medialization of Internal Carotid Artery Is Associated with Carotid Atherosclerotic Stenosis

Anling Luo

Department of Neurology, West China Hospital, Sichuan University, 37 Guo Xue Xiang, Chengdu, Sichuan Province, 610041, P.R. China, China

Pe-022-3 Small plaque lesions on CT angiography in patients with ESUS

Junpei Nagasawa

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-022-4 Relationships between extracranial internal carotid artery tortuosity on MRI and risk factors

Takayuki Katayama

Department of Neurology, Asahikawa City Hospital, Japan

Pe-022-5 Association between exercise habit changes after ischemic stroke and incident myocardial infarction

Donga Ye

Hallym university sacred heart hospital, Korea

Pe-022-6 Seasonal variation and predictors for unfavorable outcome in patients with cardioembolic stroke

Shinn-kuang Lin

Taipei Tzu Chi Hospital, Taiwan

Cerebrovascular disease: Clinical signs, Symptoms, etc. 2

Chairs : Saman B. Gunatilake

AOAN Delegate of Sri Lanka / University of Sri Jayewardenepura, Sri Lanka

Masahiro Oomura

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

Pe-023-1 Upside Down Words as Initial Clinical Presentation of an Underlying Acute Ischemic Stroke

Ramuel Spirituel Mattathiah A. San Juan

Baguio General Hospital and Medical Center, Philippines

Pe-023-2 SIMULTANEOUS MULTIFOCAL INTRACRANIAL HEMORRHAGES FROM RUPTURED MYCOTIC ANEURYSMS - A CASE REPORT

Kaiziahlyn M. Galeon

Baguio General Hospital and Medical Center, Philippines

Pe-023-3 Subclavian Steal is Associated with Lower Prevalence of Contralateral Vertebral Artery Stenosis

Zhao Zhang

West China Hospital, Sichuan University, China

Pe-023-4 A case of cervical cord infarction with hemiparesis and hypohidrosis: The challenge in diagnosis

Yamato Nakamura

Department of Neurology, Shizuoka General Hospital, Japan / Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Pe-023-5 withdrawn**Dementia: Imagings**

Chairs : Atsushi Nagai

Department of Neurology, Shimane University Faculty of Medicine, Japan

Yasuhiro Watanabe

Department of Neurology, Tottori University, Japan

Pe-024-1 Based on the APOE4 Morphological and structural network analysis of the brain in Alzheimer's disease

Binfeng Tang

Department of Neurology, Wuxi No.2 People's Hospital, Jiangnan University Medical Center, Wuxi, Jiangsu, China

Pe-024-2 Hypoperfusion of the left insulo-opercular-putamen in MCI and early Alzheimer's disease

Yasuhiro Watanabe

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

Pe-024-3 Precision Diagnosis of Alzheimer's Subtypes Through Multimodal Machine Learning

Rifaldy Fajar

Department of Mathematics and Computer Science, Karlstad University, Sweden

Pe-024-4 Pitfalls of amyloid PET in three dementia cases

Kenji Ishibashi

Research Team for Neuroimaging, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan / Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Tokyo, Japan

Pe-024-5 Neural Correlates to Olfaction in Cerebral Hypoperfusion in Dementia with Lewy Bodies

Ryuichi Takahashi

Hyogo prefectural Rehabilitation Hospital at Nishiharima, Japan

Pe-025 English Poster Session 025

AOCN2024 En

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Dementia: Basic research 2

Chairs : Masaki Ikeda

Saitama Medical University, Japan

Kazushi Suzuki

Division of Neurology, National Defense Medical College, Japan

Pe-025-1 Nonclinical pharmacology of lecanemab, Abeta protofibril antibody in early Alzheimer's disease

Yukio Ishikawa

Eisai Co., Ltd, Japan

Pe-025-2 Donepezil reduces phosphorylated tau via cdk5 inactivation

Hirohito Sasaki

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

Pe-025-3 SV2B can suppress BACE1 maturation by affecting intracellular trafficking of BACE1

Takafumi Wada

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

Pe-025-4 Molecular analysis of the inhibitory effects of nobiletin against Abeta42 aggregations in vitro

Hiroto Nakano

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

Pe-025-5 Lithium chloride reduces phosphorylated tau and oligomeric tau protein

Rei Asano

Department of Neurology, University of Fukui Hospital, Japan

Pe-026 English Poster Session 026

AOCN2024 En

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Parkinsonism and Related disorders: Clinical tests and Evaluation 2

Chairs : Kazuya Sako

Department of Neurology, Nakamura Memorial Hospital, Japan

Wataru Sako

Juntendo University, Japan

Pe-026-1 Prediction of Autonomic Function Based on Pulse Wave Variability Analysis Using Wearable Sensor

Masashi Suzuki

Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Department of Clinical laboratory, Nagoya University Hospital, Japan

Pe-026-2 Monitoring Parkinson's disease with smart watches; filling the validation gap

Christian Duval

Université du Québec à Montréal, Canada

Pe-026-3 Advanced diffusion MRI depicts putaminal dopamine neurodegeneration in levodopa-induced dyskinesia

Takashi Ogawa

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-026-4 withdrawn

Pe-027 English Poster Session 027

AOCN2024 En

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Parkinsonism and Related disorders: Biomarker

Chairs : Asako Yoritaka

Juntendo University Koshigaya Hospital, Japan

Tomohiko Nakamura

Department of Neurology, Hamamatsu University Hospital, Japan

Pe-027-1 Gait difficulty diagnostic categorization and I(123)iomazenil GABA-A SPECT imaging

Naomi Kanzato

Okinawa Southern Medical Center, Japan

Pe-027-2 Plasma Beta-amyloid Marker for Prediction of Neuropsychiatric Symptoms in Parkinson's Disease

Yuji Saitoh

Department of Neurology, National Center of Neurology and Psychiatry, Japan / Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

- Pe-027-3** Association of CSF monoamine metabolites with DAT SPECT and MIBG in Parkinson's disease
Ryosuke Shimasaki
 Department of Neurology, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan
- Pe-027-4** Correlation of retinal thickness and visual features in patients with Parkinson's disease
Asako Kakimoto
 Department of Neurology, Faculty of Medicine, Fukuoka University, Japan / Department of Neurology, Konishi Daiichi Hospital, Japan
- Pe-027-5** Serum leucine-rich $\alpha 2$ glycoprotein levels correlate with bowel inflammation in Parkinson's disease
Takuma Ohmichi
 Department of Neurology, Kyoto Prefectural University of Medicine, Japan

Pe-028 English Poster Session 028
AOCN2024 En

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Parkinsonism and Related disorders: Basic research 2

Chairs : **Haruo Nishijima**
 Department of Neurology, Hirosaki University Hospital, Japan
Tetsuo Mano
 National Center of Neurology and Psychiatry, Japan

- Pe-028-1** Golgi fragmentation in Parkinson's disease-linked mutation in the PSAP gene
Yutaka Oji
 Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-028-2** Differences in disease phenotypes of a heterozygous and homozygous mutation of the PSAP gene in mice
Kentaro Gejima
 Department of Neurology Juntendo University School of Medicine, Japan
- Pe-028-3** Parkinson's disease-linked prosaposin gene mutation affects PGRN trafficking and GCase activity
Ryo Wakamori
 Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-028-4** Dopaminergic neuron specific mitophagy in Parkin knockout mice
Shigeto Sato
 Department of Neurology, Juntendo University Graduate School of Medicine, Japan
- Pe-028-5** Simultaneous 24-hour Wireless EEG and EMG Measurements and Characteristics of Sleep EEG in Marmosets
Masanori Sawamura
 Department of Neurology, Kyoto University Hospital, Japan

Motor neuron disease: Clinical research 2

Chairs : Hitoshi Warita

Department of Neurology, Tohoku University Hospital, Japan

Kota Bokuda

Dept. of Neurology, Tokyo Met. Neurological Hospital, Japan

Pe-029-1 Investigation on the awareness and usage of accessibility features of ICT devices among ALS patients

Mari Shibukawa

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-029-2 Electronic patient information sharing system usage among ALS patients by disease stage

Yui Kamijo

Department of Neurology, NHO Shinshu Ueda Medical Center, Japan

Pe-029-3 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-029-4 SOMAscan proteomics identifies novel plasma biomarkers for spinal and bulbar muscular atrophy

Ayano Kondo

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

Pe-029-5 Changes in Items of the Revised Upper Limb Module in Later-Onset SMA: CHERISH/SHINE Study Results

Taihei Homma

Biogen Japan Ltd., Japan

Pe-029-6 A nationwide epidemiological survey of Facial Onset Sensory and Motor Neuronopathy (FOSMN) in Japan

Senri Ko

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

Motor neuron disease: Basic research 2

Chairs : Seiichi Nagano

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

Taro Ishiguro

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

Pe-030-1 Dysregulation of expanded endocannabinoid system in sporadic amyotrophic lateral sclerosis

Daisuke Ito

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

Pe-030-2 RGMA/NEO1 axis promotes the entry of extracellular aberrant protein, leading to exacerbate ALS

Mikito Shimizu

Osaka General Medical Center, Japan / Department of Neurology, Osaka University Graduate School of Medicine, Japan

Pe-030-3 Physiological phosphorylated TDP-43 regulates synaptic maturation

Satoshi Yokoi

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

Pe-030-4 The loss of lncRNA NEAT1 accelerates ALS disease progression in human SOD1 (G93A) mice

Yu Kawakami

Nagoya University Graduate School of Medicine, Japan

Cerebellar ataxia and Myelopathy 2

Chairs : Shuichi Igarashi

Niigata City General Hospital, Japan

Masashiro Sugawara

Neurology, Akita Univ. Graduate School of Med., Japan

Pe-031-1 Clinical biomarker discovery for potential disease-modifying drug of Spinocerebellar ataxia type 3l

Hanako Aoki

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

Pe-031-2 Clinical characterization of KCNA2-related cerebellar ataxia in Taiwan

Ssu-ju Fu

Graduate Institute of Physiology, College of Medicine, National Taiwan University, Taiwan

- Pe-031-3** Prevalence of autosomal dominant spinocerebellar ataxias in Hokkaido
 Keiichi Mizushima
 Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan
- Pe-031-4** Autosomal dominant cerebellar ataxia associated with mutation in a dementia-associated gene ITM2B
 Shih-yu Fang
 Department of Neurology, Neurological Institute, Taipei Veterans General Hospital, Taiwan
- Pe-031-5** The genetic analysis and clinical manifestations in one family with the diagnosis of CANVAS
 Chika Matsuoka
 Department of Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan
- Pe-031-6** Somatic mosaicism of the pentanucleotide repeats expansion in CANVAS
 Taishi Wada
 Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine, Japan

Pe-032 English Poster Session 032

AOCN2024 En

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Neuroinfection 1

Chairs : Shigehisa Ura

Department of Neurology, Japanese Red Cross Asahikawa Hospital, Japan

Takuya Ohkubo

Department of Neurology, Yokohama City Red Cross Hospital, Japan

- Pe-032-1** An autopsied case of AIDS-related opportunistic infections with CMV and genus Alternaria
 Rui Yokomizo
 Department of Neurology, International University of Health and Welfare, Narita Hospital, Japan
- Pe-032-2** Clinical, etiological, and prognostic features of spinal epidural abscess: a case series
 Hiroshi Kuroda
 Department of Neurology, Tohoku University Graduate School of Medicine, Japan / Department of Multiple Sclerosis Therapeutics, Fukushima Medical University School of Medicine, Japan / Southern TOHOKU Research Institute for Neuroscience, Japan
- Pe-032-3** Double Trouble: Co-infection with Cryptococcal Meningitis and Japanese Encephalitis
 Golden I. Tamon-gayo
 Baguio General Hospital and Medical Center, Philippines
- Pe-032-4** Toxoplasmosis presenting as pontine lesion in an Immunocompromised Male : A case report
 Michelangelo D. Liban
 BAGUIO GENERAL HOSPITAL AND MEDICAL CENTER, Philippines

Neuroimmunology: NMOSD 2

Chairs : Kazumasa Yokoyama

Tohsei center for neurological diseases, Japan

Masaru Matsui

Otsu Red Cross Hospital, Japan

Pe-033-1 Efficacy of Eculizumab in Acute Phase of Neuromyelitis Optica Spectrum Disorder: A Case Series Study [Encore Presentation]

Mitsuru Watanabe

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

Pe-033-2 Biopharmaceuticals on preventing the recurrence of neuromyelitis optica spectrum disorder

Yoshio Sakiyama

Dept.Neurology, Jichi Med Univ, Saitama MC, Japan

Pe-033-3 ~~Pharmacovigilance data of meningococcal infections in patients with complement C5 inhibitors [Encore Presentation]~~~~Samir Tamir~~~~Albion Pharmaceuticals, USA~~

withdrawn

Pe-033-4 Long-term safety and effectiveness of eculizumab in AQP4+ neuromyelitis optica spectrum disorder [Encore Presentation]

Jin Nakahara

Keio University School of Medicine, Japan

Neuroimmunology: MS, etc. 1

Chairs : Takayuki Kondo

Kansai Medical University Medical Center, Japan

Takuya Matsushita

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

Pe-034-1 Clinical features of 18 patients presenting with tumefactive demyelinating lesions

Kazunori Iwao

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

/ Department of Anatomy and Cell Biology, Graduate School of Medical Sciences, Kyushu University, Japan

Pe-034-2 withdrawn

Pe-034-3 Relationship between glucocorticoids and vertebral fractures in MS and NMOSD

Yuu-ichi Kira

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

Pe-034-4 Ellagic acid effects on disease severity, cytokines and related genes in multiple sclerosis patients

Sahar Jafari Karegar

School of Public health, Iran University of Medical Sciences, Tehran, Iran

Pe-034-5 Time-series analysis of processing speed indicates multiple cortical atrophy in multiple sclerosis

Shu Umezawa

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

Pe-034-6 Association between n-6/n-3 ratio in fatty acid intake and relapses in multiple sclerosis patients

Eizo Tanaka

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

Pe-034-7 Loss Nerve or Loss Job?:
The Impact of Inflammatory Demyelinating Diseases on Job
Employment

Natnasak Apiraksattayakul

Siriraj Neuroimmunology Center, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand / Department of Research and Development, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

Pe-035 English Poster Session 035

AOCN2024 En

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Neuroimmunology: Basic research 1

Chairs : Hikoaki Fukaura

Saitama Medical Center, Saitama Medical University, Japan

Yu Hongo

Division of Neurology, Internal Medicine, National Defense Medical College, Japan

Pe-035-1 Anamorelin attenuates motor deficit in experimental autoimmune encephalomyelitis in mice

Yuki Nakazato

Division of Respiriology, Rheumatology, Infectious Diseases, and Neurology, Department of Internal Medicine, Faculty of Medicine, University of Miyazaki, Japan

Pe-035-2 The efficacy of genetically modified mesenchymal stem cells in a mouse model of multiple sclerosis

Hiroto Kodera

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

Pe-035-3 Analysis of tracking of extracellular vesicles derived from neurons in the genetically modified mice

Takayuki Nonaka

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

- Pe-035-4** Tracking of extracellular vesicles derived from microglia
 Ryosuke Oda
 Department of Neurology, School of Medicine, Sapporo Medical University, Japan

Pe-036 English Poster Session 036

AOCN2024 **En**

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Muscle diseases

Chairs : Eri Hirasawa
 Juntendo University Department of Neurology, Japan
 Akiko Ishii
 NHO Iwaki Hospital, Japan

- Pe-036-1** Natural history of renal dysfunction in Duchenne muscular dystrophy
 Hajime Arahata
 Department of Neurology, Neuromuscular Disease center, NHO Omuta Hospital, Japan

- Pe-036-2** Percutaneous endoscopic gastrostomy procedure in patients with advanced muscular dystrophy
 Izumi Aida
 NHO Niigata National Hospital, Japan

- Pe-036-3** Clinical and muscle histopathological changes in a large cohort of dystrophinopathy
 Chang Liu
 Peking University First Hospital, China

- Pe-036-4** A multicenter study of impact of NIV in myotonic dystrophy (part3)
 Satoshi Kuru
 Dept. of neurology, NHO Suzuka National Hospital, Japan

- Pe-036-5** COMET: safety of switching to avalglucosidase alfa (AVA) in late-onset Pompe disease (LOPD)
 Mitsunobu Ikeda
 Sanofi K.K., Japan

- Pe-036-6** Clinical features of anti-aminoacyl tRNA synthetase antibody-positive myositis at our institute
 Satoki Ito
 Department of Neurology, Ichinomiya Municipal Hospital, Japan

Neurogenetics, Gene therapy, and iPSC cell 2

Chairs : Yoshiki Adachi

National Hospital Organization Matsue Medical Center, Japan

Fumiaki Saito

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

Pe-037-1 Genetic Analysis of the GBA1 gene in Japanese Parkinson's disease

Yuanzhe Li

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

Pe-037-2 Genetic factors associated with psychosis or dementia in Parkinson's disease

Hiroyo Yoshino

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

Pe-037-3 Genetic burden to radiological white matter hyperintensities in Japanese general population

Ikuko Mizuta

Dept. of Neurology, Kyoto Prefectural University of Medicine, Japan

Pe-037-4 Rare case of paroxysmal encephalopathy - Neuronal Intranuclear Inclusion Disease (NIID)

Chiew Sern Ong

National Neuroscience Institute (NNI), Singapore

Pe-037-5 Establishment of a repeat-expansion disease iPSC cohort for disease modeling and drug discovery

Risako Nakai

iPSC-based Drug Discovery and Development Team, RIKEN BioResource Research Center (BRC), Japan / Department of Cell Growth and Differentiation, Center for iPSC Cell Research and Application (CiRA), Kyoto University, Japan

Pe-037-6 Clinical and Neuroimaging Profiles of Brain Calcification Caused by MYORG: Report of four families

Takahiro Hobara

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

Tumor and Trauma

Chairs : Keizo Yasui

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

Toshiyasu Ogata

Department of Neurology, Japanese Red Cross Fukuoka Hospital, Japan

Pe-038-1 Use of thallium SPECT for differentiation of malignant and benign nervous system lesions

Anisah Hayaminnah D. Alonto

University of the Philippines - Philippine General Hospital, Philippines

Pe-038-2 withdrawn**Pe-038-3** Intramedullary Spinal Cord Tumors in paediatric population: a retrospective analysis of 45 cases

Saurabh Gupta

All India Institute of Medical Sciences, New Delhi, India

Pe-038-4 Tumors Of The Cervical Spine: Our Experience With 21 Cases

Sivaraman Kumarasamy

All India Institute of Medical Sciences, India

Pe-038-5 Role of inflammatory biomarkers in posttraumatic epilepsy and cognitive impairment

Irma Wati Ngadimon

Monash University Malaysia, Malaysia

Neurorehabilitation

Chairs : Eiji Mizuta

Hyogo Prefectural Rehabilitation Hospital at Nishi-Harima, Japan

Motohiko Hara

Teikyo University Mizonokuchi Hospital, Japan

Pe-039-1 Postacute stroke care for improving functional outcomes: an observational follow-up study

You-chien Hsu

Taipei Tzu Chi Hospital, Taiwan

Pe-039-2 Improvement of cerebral infarction function prognosis through exercise

Toshiki Inaba

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-039-3 Effects of somato-cognitive coordination therapy on spasticity in patients with cerebral palsy

Keito Shinmoto

mediVR Rehabilitation Center Tokyo, Japan / mediVR Rehabilitation Center Osaka, Japan

Pe-039-4 VR-based Somato-Cognitive Coordination for Cerebellar Ataxia: A Preliminary Therapeutic Evaluation

Masahiko Hara

Center for Community-Based Healthcare Research and Education, Shimane University Faculty of Medicine, Japan / mediVR Rehabilitation Center Tokyo, Japan / mediVR Rehabilitation Center Osaka, Japan

Pe-040 English Poster Session 040

AOCN2024 En

May 30 (Thu) 17:45 ~ 19:05

Poster Session (E Block B2F Hall E)

Neuropathology 2

Chairs : Aya Kinoshita

Kyoto University Graduate School of Medicine, Japan

Maya Mimuro

Mie University hospital, Japan

Pe-040-1 Association between Hypothalamic Alzheimer's Disease Pathology and Clinical Pictures

Kaoru Yagita

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

Pe-040-2 Degradation of Oligomeric Tau by Autophagy

Tadanori Hamano

Department of Neurology, University of Fukui, Japan

Pe-040-3 Postmortem study of the cognitive normal subjects with Alzheimer's disease pathology in the brain

Masako Nakano

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

Pe-040-4 Distributions of p-tau at 205, 217, and NfL in the brains of patients with Alzheimer's disease

Takumi Nakamura

Department of Neurology, Gunma University Graduate school of medicine, Japan

Other neurological problems: Clinical research 2

Chairs : Hitoshi Mochizuki

Ebihara General Hospital, Department of Neurology, Japan

Shohei Watanabe

Hyogo Medical University, Department of Neurology, Japan

Pe-041-1 Estimating function of the brain volume decrease, analyzed by 3T-MRI

Takahiro Nakayana

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

Pe-041-2 Differential diagnosis of unidirectional horizontal nystagmus in acute vestibular syndrome

Ken Johkura

Department of Neurology, Yokohama Brain and Spine Center, Japan

Pe-041-3 Difference between centripetal and centrifugal saccades

Takashi Jono

Department of Neurology, Yokohama Brain and Spine center, Japan

Pe-041-4 Evaluation of mitochondrial aldehyde dehydrogenase 2 polymorphism using alcohol consumption in Japan

Masako Kinoshita

Department of Neurology, National Hospital Organization Utano National Hospital, Japan

Pe-041-5 Normal Pressure Pseudotumor Cerebri Syndrome In A 27-year Old Male: A Case Report

Ferdinand Miguel A. Seña

Northern Mindanao Medical Center, Philippines

Pe-041-6 Unveiling the Complex Interplay: Cluster Headache and Chronic Rhinosinusitis

Yi-hong Liu

Tao Yuan General Hospital, Neurology Department, Taiwan

Other neurological problems: Basic research 2

Chairs : Toru Yamashita

Department of Neurology, Okayama University, Japan

Kokoro Ozaki

Riken, Center for Integrative Medical Sciences, Lab for Comprehensive Genomic Analysis, Japan

Pe-042-1 Interactome analysis of LAMP-2 and autophagy specific proteins

Minako Yamaoka

Department of Neurology, Nara Medical University, Japan

Pe-042-2 Multiomics analysis reveals serine catabolism as a potential therapeutic target for MELAS

Liufu Tongling
Peking university first hospital, China

Pe-042-3 Investigating the pathomechanism of distal hereditary motor neuropathy type 7 (dHMN7)

Takashi Yoshimura
Nagoya University Department of Neurology, Japan

Pe-042-4 Short-chain fatty acids reduce inflammation in JEV-infected microglia via miR-200a-3p/ZBTB20/Ikba

Atreye Majumdar
National Brain Research Centre, India

Pe-042-5 Elucidating the three-dimensional capillary topology in skeletal muscles

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-043 English Poster Session 043

AOCN2024 En

May 31 (Fri) 17:15 ~ 18:35

Poster Session (E Block B2F Hall E)

Cerebrovascular disease: Predictors and Markers 3

Chairs : Hideaki Wakita

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

Kenichi Todo

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

Pe-043-1 Benefits of bladder point-of-care ultrasound based on the AGN3 criteria in acute ischemic stroke

Pei Ya Chen

Stroke Center and Department of Neurology, Taipei Tzu Chi Hospital, Buddhist Tzu Chi Medical
Foundation, Taiwan / School of Medicine, Tzu Chi University, Taiwan

Pe-043-2 The impact of living alone on the acute management process of acute ischemic stroke in Busan, Korea

Hye-in Chung

Department of Neurology, College of Medicine, Dong-A University, Busan, Korea

Pe-043-3 Effect of statins on Intima-media thickness and carotid stenosis

Jae Hyeok Heo

Seoul Medical Center, Korea

Pe-043-4 Predictive Score of Early Neurological Deterioration in Perforator Artery Infarct

Kazo Kanazawa

Department of Neurology, Juntendo University school of medicine, Japan

Pe-043-5 Association between ischemic stroke and Diabetes Mellitus among the Mongolian patients

Saruultsetseg Byambadorj

The First Central Hospital of Mongolia, Mongolia

Pe-043-6 Atrial fibrillation detection with portable device after ischemic stroke: a study protocol

Kenichi Todo

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

Pe-043-7 A novel oral-gut microbiome interaction in acute cerebrovascular disease

Shuichi Tonomura

Department of Vascular Physiology, National Cerebral and Cardiovascular Center, Japan

Pe-044 English Poster Session 044

AOCN2024 En

May 31 (Fri) 17:15 ~ 18:35

Poster Session (E Block B2F Hall E)

Cerebrovascular disease: Basic research 1

Chairs : Eiichiro Nagata

Department of Neurology, Tokai University School of Medicine, Japan

Koichi Oki

Department of Neurology, Tokyo Saiseikai Central Hospital, Japan

Pe-044-1 presentation cancelled

Pe-044-2 Platelet-rich plasma (PRP)-derived exosomes therapy for post-ischemic stroke

Yoshifumi Miyauchi

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-044-3 Association between phospho-tau protein accumulation and microglia after cerebral ischemia in rats

Natsuki Akiyama

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

Pe-044-4 Oxygen-Glucose Deprived Peripheral Blood Mononuclear Cells Act in Hypoxic Area After Reperfusion

Takeshi Kanayama

Niigata University, Japan

Pe-044-5 MODULATION OF DAMS AND METABOLOMIC BY HEMATOMA ASPIRATION IN SEVERE INTRACEREBRAL HEMORRHAGE RAT

Hock-Kean Liew

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 / Department of Medical Research, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

Pe-044-6 Functional recovery during the chronic phase after cerebral infarction via glymphatic system

Xu Hai-bin

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-044-7 INHIBITION OF IMMUNOPROTEASOMES MODULATES HEMATOMA CLEARANCE VIA MICROGLIAL POLARIZATION IN STROKE

Wei Fen Hu

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

Pe-045 English Poster Session 045

AOCN2024 En

May 31 (Fri) 17 : 15 ~ 18 : 35

Poster Session (E Block B2F Hall E)

Dementia: Clinical research 2

Chairs : Taizen Nakase

IDAC, Tohoku University, Japan

Noriyuki Kimura

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

Pe-045-1 Impact of diabetes mellitus on the worsening of Alzheimer's disease

Taizen Nakase

Dept. Aging Res. & Geriatric Med. IDAC, Tohoku University, Japan

Pe-045-2 Associations of liver function with cerebrospinal fluid biomarkers of Alzheimer's disease pathology

Gao Peiyang

Department of Neurology, Qingdao Municipal Hospital, Qingdao University, China

Pe-045-3 Association of life course adiposity with risk of incident dementia: a prospective cohort study

Yueting Deng

Huashan Hospital, Shanghai Medical College, Fudan University, China / State Key Laboratory of Medical Neurobiology and MOE Frontiers Center for Brain Science, Shanghai Medical College, Fudan University, China

Pe-045-4 Clinical Characteristics of Pathology confirmed DLB without Parkinsonism

Simon Kang Seng Ting

National Neuroscience Institute Singapore, Singapore / Duke-NUS Medical School, Singapore

Pe-045-5 FAMILIAL CASES WITH HDLS MISDIAGNOSED AS MULTIPLE SCLEROSIS

Uurtsaikh Gongor

Intermed Hospital, Mongolia

Dementia: Biomarker

Chairs : Mineo Yamazaki

Department of Neurology, Nippon Medical School Chiba Hokusoh Hospital,
Japan

Yasushi Tomidokoro

Neurology, Institute of Medicine, University of Tsukuba, Japan

Pe-046-1 Triglyceride-Glucose Index's Association with Alzheimer's Disease and its Potential Mechanisms

Lingzhi Ma

Department of Neurology, Qingdao Municipal Hospital, Qingdao University, China

Pe-046-2 CSF p217tau and neurofilament light chain in Alzheimer's disease or other neurological diseases

Takeshi Kawarabayashi

Department of Neurology, Geriatrics Research Institute and Hospital, Japan / Department of
Neurology, Gunma University Hospital, Japan**Pe-046-3 Amyloid Beta 1-42 with Toxic Conformation as a Possible Plasma Biomarker for Alzheimer's Disease**

Yasushi Tomidokoro

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

Pe-046-4 ~~Analysis of Serum miRNAs in Alzheimer's Disease~~~~Yu Li~~~~Department of Neurology, Faculty of Medicine, University of Tsukuba, Japan~~

withdrawn

Parkinsonism and Related disorders: Drug therapies

Chairs : Yasushi Osaki

Department of Neurology, Kochi Medical School Hospital, Japan

Tatsuhiko Terada

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

School of Medicine, Japan

Pe-047-1 Prescription trends of anti-Parkinson's disease drugs using the NDB open data

Hideki Wada

Kohka public hospital, Japan

Pe-047-2 When and why do we add levodopa medication from three to four intake/day in Parkinson's disease?

Yasushi Osaki

Department of Neurology, Kochi Medical School Hospital, Japan

Pe-047-3 Medication dose at the onset of dyskinesias in patients with Parkinson's disease

Yukari Morita

Department of Neurology, Kochi Medical School Hospital, Japan

Pe-047-4 How to use Foslevodopa/foscarbidopa in clinical practice

Eriko Igami

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-047-5 Effects of combining COMT-I with Levodopa preparations on vitamin B6 and homocysteine

Daiki Kamiyama

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-047-6 A 5-year-follow-up PET study on the neuroprotective effect of zonisamide in Parkinson's disease

Tatsuhiko 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

Pe-048 English Poster Session 048

AOCN2024 En

May 31 (Fri) 17:15 ~ 18:35

Poster Session (E Block B2F Hall E)

Parkinsonism and Related disorders: Basic research 4

Chairs : Yoshiaki Furukawa

Dept. of Neurology, Juntendo Tokyo Koto Geriatric Med. Ctr., Japan

Naoto Sugeno

Tohoku University, Department of Neurology, Japan

Pe-048-1 Selegiline drives autophagic secretion of α -synuclein [Encore Presentation]

Yoshitsugu Nakamura

Osaka Medical and Pharmaceutical University, Japan

Pe-048-2 L-Homocysteine increases phosphorylation and aggregation on alpha-synuclein

Soichi Enomoto

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

Pe-048-3 lysosomal damage response to alpha-synuclein aggregate escape protects against its propagation

Keita Kakuda

Osaka University, Department of Neurology, Japan

Pe-048-4 Balance between the secretory and degradative systems of α -synuclein to maintain its proteostasis

Taiki Sawai

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

Pe-048-5 Accumulation of Parkin aggregates in both depolarized mitochondria and Lewy bodies

Tohru Kitada

Otowa-Kagaku, Neuroscience, Japan

Pe-048-6 O-GlcNAc modification of Parkin and its relationship to OGT

Yukiko Maki

Department of Clinical Research, Tokushima National Hospital, Japan

Pe-048-7 Rab40 targets DNAJC13 as ubiquitin-proteasomal degradation

Kazuki Sato

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

Pe-049 English Poster Session 049

AOCN2024 En

May 31 (Fri) 17:15 ~ 18:35

Poster Session (E Block B2F Hall E)

Parkinsonism and Related disorders: Basic research 3

Chairs : Renpei Sengoku

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

Yutaka Oji

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-049-1 Gamma Visual Stimulation Exerts Neuromodulatory Effects in a Rat Model of Parkinson's Disease

Jun-qi Huang

Chang-Gung University, Taiwan

Pe-049-2 Drug-induced Parkinsonism and Tardive Dyskinesia in Rats Chronically Treated with Haloperidol

Hiroki Hikichi

Department of Neurology, Hirosaki University Hospital, Japan

Pe-049-3 A Mouse Model of Prodromal Parkinson's Disease Reveals Alterations in Lipid Metabolism

Masashi Ikuno

Kyoto University Medical Education Center, Japan

Pe-049-4 PKG-mediated signal transduction for regulation of L-DOPA responses in PD

Taiki Yabumoto

Emory National Primate Research Center, Emory University, USA / Department of Neurology, Osaka University Graduate School of Medicine, Japan

Pe-049-5 Anemia and Lymphocytopenia in a mouse model of prodromal Parkinson's disease

Tomoyuki Taguchi

Department of Neurology Kyoto University Graduate School of Medicine, Japan

Pe-049-6 Screening of related factors in the early stage of PD model mice

Kousuke Baba

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

Pe-050 English Poster Session 050

AOCN2024 En

May 31 (Fri) 17:15 ~ 18:35

Poster Session (E Block B2F Hall E)

Motor neuron disease: Basic research 3

Chairs : Takuto Hideyama

Tokyo Medical University, Japan

Takehisa Hirayama

Department of Neurology, Toho University Faculty of Medicine, Japan

Pe-050-1 Negative features of sporadic amyotrophic lateral sclerosis using ADAR2-conditional knockout mice

Takuto Hideyama

Tokyo Medical University Hospital, Japan

Pe-050-2 Disruption of nuclear lamina and nucleoporins in FUS-ALS model mice, hiPSCs, and post-mortem tissue

Kensuke Okada

Department of Neurology, Keio University School of Medicine, Japan

Pe-050-3 Discovery of genetic modifiers regulating RAN translation using C9orf72-linked ALS/FTD fly model

Yuzo Fujino

Department of Neurology, Kindai University Faculty of Medicine, Japan / Department of Neurology, Kyoto Prefectural University of Medicine, Japan

Pe-050-4 Expression of MMP-9 in degenerating spinal motor neurons in a mice model of sporadic ALS

Jun Yamazaki

Department of Neurology, Tokyo Medical University Hospital, Japan

Pe-050-5 Establishment of an Anx11 mutant mouse model associated with amyotrophic lateral sclerosis

Qing Liu

Department of Neurology, Peking Union Medical College Hospital, Peking, China

Pe-050-6 E. coli-derived amyloid protein curli shortens the lifespan of neurodegenerative model Drosophila

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

Neuroimmunology: MS, etc. 2

Chairs : Takashi Irioka

Department of Neurology, Yokosuka Kyosai Hospital, Japan

Yoko Warabi

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

Pe-051-1 Autoimmune encephalitis involving basal ganglia: a report of 2 cases presenting motor symptoms

Takashi Irioka

Department of Neurology, Yokosuka Kyosai Hospital, Japan

Pe-051-2 A retrospective study of autoimmune encephalitis over a 21-year period in a single institution

Akihiko Kudo

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

Pe-051-3 Clinical profile and long-term outcome of pediatric autoimmune encephalitis: A single center study

Mohinish S. Sundar

MADRAS MEDICAL COLLEGE, TAMILNADU DR.MGR MEDICAL UNIVERSITY, India

Pe-051-4 Proposal of a novel disease concept, anti-NAE antibody-associated disorders (NAEAD)

Akiko Matsunaga

Department of Community Health Science, Faculty of Medical Sciences, University of Fukui, Japan / Faculty of Nursing and Social Welfare Sciences, Fukui Prefectural University, Japan

Peripheral neuropathy 2

Chairs : Kei Funakoshi

Department of Neurology, Dokkyo Medical University, Japan

Yohsuke Yagi

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

Pe-052-1 Mild Guillain Barre Syndrome, Clinical Characteristics and Outcome with or Without Plasmapheresis

Adnan Tariq T. Mahmood

Punjab institute of neurosciences (PINS), Lahore Pakistan, Pakistan

Pe-052-2 The efficacy and safety of a second IVIG dose for Guillain Barre Syndrome: A systematic review

Karen Joy B. Adiao

ManilaMed- Medical Center Manila, Philippines

Pe-052-3 Facial Diplegia as Sole Presentation of Recurrent Gullain-Barré Syndrome: A Case Report

Dannese Marie B. De La Cruz
St. Paul's Hospital Iloilo, Philippines

Pe-052-4 ~~ASSOCIATION OF DYSAUTONOMIA AND DIFFERENT RISK FACTORS IN PATIENTS WITH GBS IN A TERTIARY HOSPITAL~~
~~Lowrence Precioso C. Dickoso~~ withdrawn
~~Department of Neurosciences, College of Medicine and Philippine General Hospital, Philippines~~

Pe-052-5 The impact of the revised diagnostic criteria for CIDP and factors affecting diagnostic accuracy

Ryo Morishima
Tokyo Metropolitan Neurological Hospital, Department of Neurology, Japan

Pe-052-6 IgG subclass shift in autoimmune nodopathies in acute exacerbation
Norito Kokubun

Department of Neurology, Dokkyo Medical University, Japan

Pe-052-7 Carbamazepine-responsive Double Negative Isaac's Syndrome - a Case Report and Literature Review

Karl Josef Niño J. Separa
Department of Neurosciences, College of Medicine and Philippine General Hospital, University of the Philippines Manila, Philippines

Pe-053 English Poster Session 053

AOCN2024 En

May 31 (Fri) 17:15 ~ 18:35

Poster Session (E Block B2F Hall E)

Neuroinfection 2

Chairs : Hideto Nakajima
Nihon University, Neurology, Japan
Akiyuki Hiraga
Department of Neurology, Chiba Rosai Hospital, Japan

Pe-053-1 Clinical features of varicella-zoster virus meningitis: a tertiary referral center cohort study

Kenta Tasaki
Division of Neurology, Department of Internal Medicine, Nihon University School of Medicine, Japan

Pe-053-2 Herpes Simplex Virus Encephalitis Outcome and MRI Findings: A Single Tertiary Center Study

Jin Myoung Seok
Department of Neurology, Soonchunhyang University Hospital Cheonan, Korea

Pe-053-3 Retrospective review of the 4 cases of fatal familial insomnia experienced at our institution

Shingo Mikami
Saitama Medical University Department of Neurology, Japan

Pe-053-4 DEMOGRAPHIC AND CLINICAL PROFIL FINDINGS OF
TETANUS PATIENTS IN OUR HOSPITAL

Ahmad Irwan Rusmana

Banten Public Hospital, Indonesia / universitas Sultan Ageng Tirtayasa, Indonesia

Pe-054 English Poster Session 054

AOCN2024 En

May 31 (Fri) 17 : 15 ~ 18 : 35

Poster Session (E Block B2F Hall E)

Epilepsy 2

Chairs : Takahiro Mitsueda

Osaka City General Hospital, Japan

Akihiro Shimotake

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

Pe-054-1 Structural connectivity as a predictive factor for responsiveness to
levetiracetam in epilepsy

Kang Min Park

Inje University Haeundae Paik Hospital, Korea

Pe-054-2 Category-specific, bilateral brain activity with nonverbal semantic
judgement tasks using stereo EEG

Yu Tamura

Department of Neurology, Kyoto University, Japan

Pe-054-3 The degree of combined epileptic excitability and inhibition may vary
among cerebral lobes

Yoko Tomoda

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

Pe-054-4 Efficacy and safety of Topiramate extended-release capsules oral
loading in epilepsy patients

Dong Won Kwack

Department of Neurology Konkuk University Hospital, Korea

Pe-054-5 Electroencephalogram in neurology consultation

Mizuki Kanemoto

Department of Neurology, Showa University, Japan

Pe-054-6 High-frequency oscillations with generalized spike and wave complex
can reflect the epileptogenicity

Megumi Nonaka

Department of Neurology, Kyoto University, Graduate School of Medicine, Japan / Department
of Clinical Neuroscience and Therapeutics, Hiroshima University, Graduate School of Biomedical
and Health Sciences, Japan

Pe-054-7 Response to first line treatment in Infantile Epileptic Spasms
Syndrome: A study from LMIC

Prem Chand

Aga Khan University, Karachi, Pakistan

Neurogenetics, Gene therapy, and iPSC cell 3

Chairs : Hiroshi Tsuda

DEPARTMENT OF NEUROLOGY, JUNTENDO UNIVERSITY, Japan

Yoshio Ikeda

Department of Neurology, Gunma University Graduate School of Medicine,
Japan**Pe-055-1 Reanalysis of genetic background of adult leukoencephalopathies**

Hiromi Fukuda

Department of Neurology and Stroke Medicine, Yokohama City University, Japan / Department
of Human Genetics, Yokohama City University, Japan**Pe-055-2 Establishment of a leukoencephalopathy iPSC cohort for disease modeling and drug discovery**

Takeo Kawano

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

Pe-055-3 Features of pathogenic variants in dysferlin gene in Japanese dysferlinopathies

Toshiaki Takahashi

Department of Neurology, NHO Sendai Nishitaga Hospital, Japan

Pe-055-4 VEGF polymorphism in Korean patients with the stroke, large and small artery disease

Binod K. Yadav

Institute of Medicine, Kathmandu, Nepal / Madhesh Institute of Health Science, Janakurdam,
Nepal**Pe-055-5 Establishment of an epilepsy iPSC cohort for disease modeling and drug discovery**

Mika Suga

iPSC-based Drug Discovery and Development Team, RIKEN BioResource Research Center,
Japan / Center for iPSC Cell Research and Application (CiRA), Kyoto University, Japan**Cerebrovascular disease: Predictors and Markers 4**

Chairs : Katsuhiko Ogawa

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

Hidesato Takezawa

Dept. of Neuroendovascular Therapy and Neurology, Saiseikai Shiga Hospital,
Japan**Pe-056-1 withdrawn**

Pe-056-2 Long-term prognosis of adult patients with Moyamoya disease; a retrospective multicenter registry

Sung Hyuk Heo

Department of neurology, Kyung Hee University Hospital, Korea

Pe-056-3 Long-Term Outcomes after Conservative and EDAS treatment for III Elderly patients with MMD

Jingjie Li

Medical School of Chinese PLA, China

Pe-056-4 Systemic Lupus Erythematosus woman with Intracranial Artery Dissection Presented as Recurrent Stroke

Kuan-i Chu

Division of Cerebrovascular Diseases, Neurological Institute, Taipei Veterans General Hospital, Taipei, Taiwan

Pe-056-5 Assessing Atherosclerosis in Autism Spectrum Disorder: Unveiling the Burden and Implications

Hsiu Wen Chang

Graduate Institute of Clinical Medicine, College of Medicine, Taipei Medical University, Taiwan

Pe-056-6 Case report: A antiphospholipid syndrome patient who underwent myxoma removal operation

Baeseoup Song

Department of neurology, Kyung Hee University Hospital, Korea

Pe-057 English Poster Session 057

AOCN2024 En

May 31 (Fri) 17 : 15 ~ 18 : 35

Poster Session (E Block B2F Hall E)

Neuroimmunology: Basic research 3

Chairs : Masato Asanuma

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

Satoshi Suda

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

Pe-057-1 Neuromodulatory Effects of Gamma Auditory Stimulation on EEG in Rats

Sheng-ke Lin

Chang Gung University, Taiwan

Pe-057-2 N-acetylcysteine Prevents Sleep Deprivation-induced Memory Deficit in Juvenile Rats

Citra Rosyidah

Doctoral Programme in Biomedical Sciences, Faculty of Medicine, Universitas Indonesia 14030, Indonesia / Department of Physiology, Faculty of Medicine, Universitas Hasanuddin 90245, Indonesia

Pe-057-3 Effect of salt-inducible kinase on Ca²⁺ oscillations in primary neuronal cultures

Tsutomu Sasaki

Department of Neurology, Osaka University Graduate School of Medicine, Japan / Institute of Regeneration-Inducing Medicine, Osaka University, Japan

Pe-057-4 presentation cancelled

Pe-058 English Poster Session 058

AOCN2024 En

May 31 (Fri) 17 : 15 ~ 18 : 35

Poster Session (E Block B2F Hall E)

Other neurological problems: Clinical research 3

Chairs : Hiroto Fujigasaki

Tokyo Metropolitan Bokutoh, Japan

Shigeki Yamaguchi

Yokohama municipal citizen's hospital, Japan

Pe-058-1 ~~Which characteristics of neurocritical patients influence their ICU length of stay?~~

~~Gustavo B. Mendes~~

~~UFEM, Universidade Federal de Triângulo Mineiro, Brazil~~

withdrawn

Pe-058-2 withdrawn

Pe-058-3 Toward an easy-to-understand HPO for clinicians:
an attempt to reorganize the HPO

Eisuke Dohi

National Center of Neurology and Psychiatry, National Institute of Neuroscience, Japan

Pe-058-4 Quality long-term care for older people with neurological disorders in ASEAN countries

Tomoko Kawashima-Kodama

Department of Public Health Policy, National Institute of Public Health, Japan

Pe-059 English Poster Session 059

AOCN2024 En

June 1 (Sat) 13 : 15 ~ 14 : 35

Poster Session (E Block B2F Hall E)

Cerebrovascular disease: Basic research 2

Chairs : Yoshiaki Yagita

Department of Stroke Medicine, Kawasaki Medical School, Japan

Masato Kanazawa

Department of Neurology, Niigata University, Japan

Pe-059-1 Ischemic area progression in acute stroke correlates with cortical microcirculation oxygen content

Lu Yuxuan

Peking University First Hospital, China

- Pe-059-2** Microglia-to-neuron conversion ameliorates neuronal dysfunction in mice with chronic ischemic injury
Takashi Irie
 Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Stem Cell Biology and Medicine, Graduate School of Medical Sciences, Kyushu University, Japan
- Pe-059-3** Transplantation of hypoxia-preconditioned oligodendrocyte precursor cells for ischemic stroke
Yasuhiro Kuwata
 Department of Neurology, Graduate School of Medicine, Kyoto University, Japan
- Pe-059-4** Glial changes by the degree of cerebral hypoperfusion in vascular cognitive impairment model mice
Narufumi Yanagida
 Department of Neurology, Kyoto University Graduate School of Medicine, Japan
- Pe-059-5** Ezh2 knockdown reduced post-ischemic increment of neurogenesis in gerbil hippocampus
Yoshihide Sehara
 Division of Genetic Therapeutics, Jichi Medical Univ, Japan
- Pe-059-6** Role of R-spondin 3/LGR4 signaling in the ischemic brain in mice
Munehisa Shimamura
 Department of Gene & Stem Cell Regenerative Therapy, Osaka University Graduate School of Medicine, Japan / Department of Neurology, Osaka University Graduate School of Medicine, Japan
- Pe-059-7** Human iPSC-derived blood-brain barrier models for CADASIL and HTRA1-related small vessel disease
Kinya Matsuo
 Department of Neurology, Yamaguchi University Graduate School of Medicine, Japan

Pe-060 English Poster Session 060AOCN2024 **En**

June 1 (Sat) 13:15 ~ 14:35

Poster Session (E Block B2F Hall E)

Dementia: Support

Chairs : Toshihiro Yoshizawa

Department of Neurology, Kashiwa Tanaka Hospital, Japan

Nobutoshi Morimoto

Department of Neurology, Kagawa Prefectural Central Hospital, Japan

- Pe-060-1** Association of NPI-Q score with primary caregiver relationship in patients with Alzheimer's disease

Yasuyuki Honjo

Kyoto Kaisei Hospital, Japan / Kyoto Narabigaoka Hospital, Japan / Kyoto Higashiyama Senile Sanatorium Hospital, Japan / Department of Occupational Therapy, Faculty of Health Science, Kyoto Tachibana University, Japan

Pe-060-2 Importance of detailed examination of abuse cases involving patients with neurological disorders

Norimasa Mitsuma

Department of Neurology, Meitetsu Hospital, Japan / Committee of Abuse, Meitetsu Hospital, Japan

Pe-060-3 Qualitative study on factors of emotional interaction between dementia patients and their families

Nan Guo

Fuxing Hospital, Capital Medical University, China

Pe-060-4 Qualitative Study on Emotional Interaction Processes between Dementia Patients and Their Families

Jianjian Liu

Fuxing Hospital, Capital Medical University, China

Pe-061 English Poster Session 061

AOCN2024 En

June 1 (Sat) 13 : 15 ~ 14 : 35

Poster Session (E Block B2F Hall E)

Parkinsonism and Related disorders: Clinical signs, Symptoms, etc. 2

Chairs : Yutaka Suzuki

Fureai Machida Hospital, Japan

Hiroo Terashi

Department of Neurology, Tokyo Medical University, Japan

Pe-061-1 Impact of weight loss for depressive symptom in patients with Parkinson's disease

Kanako Kurihara

Department of Neurology, Fukuoka University, Japan

Pe-061-2 The characteristics of Parkinson's disease related nociplastic pain

Toshiki Tezuka

Department of Neurology, Keio University School of Medicine, Japan / Parkinson's Disease Center, Keio University Hospital, Japan

Pe-061-3 Hemichorea-hemiballismus in non-ketotic hyperglycemia:
A case report and systematic review

Loc Q. Le

University of Medicine and Pharmacy in Ho Chi Minh City, Vietnam

Pe-061-4 2 CASES OF KERNOHAN'S NOTCH HEMIPARKINSONISM AND HOLME'S TREMOR

Eungseok Oh

Chungnam National University Hospital, Korea

Parkinsonism and Related disorders: Non-drug therapies

Chairs : Tatsuya Yamamoto

Chiba Prefectural University of Health Sciences, Japan

Morinobu Seki

Department of Neurology, Keio University School of Medicine, Japan

Pe-062-1 5-year follow up evaluation of the Parkinson's disease patients who received Deep Brain Stimulation

Jing Pan

Department of Neurology, Hokkaido University, Japan

Pe-062-2 ~~Role of laughter yoga and clapping exercise on motor functions in Parkinson's disease patients~~

~~Ranbir Singh~~~~Shri Mahatma Gurukul Kangri Institute, India~~

withdrawn

Pe-062-3 Anodal tDCS could change the metabolomic profiles of cerebrospinal fluid in Parkinson's disease

Wooyoung Jang

Department of Neurology, Gangneung Asan Hospital, University of Ulsan, Korea

Pe-062-4 The effect of lumboperitoneal shunt surgery on iNPH comorbid with Parkinson's disease

Taiji Tsunemi

Department of Neurology, Juntendo University, Japan

Parkinsonism and Related disorders: Basic research 5

Chairs : Tetsuya Takahashi

Hiroshima International University, Japan

Yasushi Shimo

Juntendo Nerima Hospital, Japan

Pe-063-1 ~~Protonic Analysis Reveals Pathways Linked to Alpha-Synuclein Upregulation in Lung Adenocarcinoma~~

~~Yong Qi Leong~~~~School of Pharmacy, Monash University, Malaysia, Malaysia~~

withdrawn

Pe-063-2 HLA class II molecules transport alpha-synuclein extracellularly

Tatsuhiko Ozono

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

Pe-063-3 Artificial intelligence guided optimization of scRNAseq for stem cell models of Parkinson's disease

Naoto Sugeno

Tohoku University, Department of Neurology, Japan

Pe-063-4 NOXI triggers ferroptosis and ferritinophagy, contributes to neurodegeneration

Wang Huiqing
Southeast University, China

Pe-064 English Poster Session 064

AOCN2024 En

June 1 (Sat) 13 : 15 ~ 14 : 35

Poster Session (E Block B2F Hall E)

Cerebellar ataxia and Myelopathy 3: Basic research

Chairs : Kei Watase
IQVIA Services Japan, Japan
Toshihiko Shirafuji
Physiology, Kobe university, Japan

Pe-064-1 Altered Ca²⁺ transient and morphological change in aged spinocerebellar ataxia 42 model mice

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

Pe-064-2 RNA-sequencing analysis of mouse model for SCA42

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

Pe-064-3 A Novel Mouse Model for Investigating Oligodendroglial alpha-Synuclein Aggregates in MSA

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

Pe-064-4 The enhancement of protein quality control system in models of neurodegenerative diseases

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

Pe-065 English Poster Session 065

AOCN2024 En

June 1 (Sat) 13 : 15 ~ 14 : 35

Poster Session (E Block B2F Hall E)

Neuroimmunology: MS, etc. 3

Chairs : Shin Hisahara
Department of Neurology, Sapporo Medical University, Japan
Nobuaki Yoshikura
Gifu University Graduate school of Medicine, Department of Neurology, Japan

Pe-065-1 Glutamic Acid Decarboxylase 65 - Related Stiff Person Syndrome: Two Cases from the Philippines

Redentor Ii R. Durano
Chong Hua Hospital, Philippines

Pe-065-2 Real-world data on the Immune response to COVID-19 vaccine in CNS autoimmune neurological diseases

Punchika Kosiyakul

Division of Neurology, Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand / Siriraj Neuroimmunology Center, Division of Neurology, Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand / Department of Research and Development, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

Pe-065-3 Radiological and histopathological insights into tumefactive demyelinating lesion under Ofatumumab

Koji Shinoda

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Neurology, Iizuka Hospital, Japan

Pe-065-4 Clinical characteristics and predictive factors of recurrent idiopathic transverse myelitis

Eun Kyoung Lee

Department of Neurology, Chungnam National University Sejong Hospital, Korea

Pe-066 English Poster Session 066

AOCN2024 En

June 1 (Sat) 13 : 15 ~ 14 : 35

Poster Session (E Block B2F Hall E)

Neuroimmunology: Basic research 2

Chairs : Sachiko Miyake

Department of Immunology Juntendo University Graduate School of Medicine, Japan

Chiyoko Nohara

Tokyo Metropolitan Ebara Hospital, Japan

Pe-066-1 Pathogenicity of individual NMO-IgG in humanized-AQP4 rat NMO model

Chihiro Namatame

Department of Neurology, Tohoku University School of Medicine, Japan

Pe-066-2 Unidentified autoantigens in MS: Implication from EAE and prospect of antigen-specific therapy

Youwei Lin

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

Pe-066-3 Circulating L-Carnitine and Neuromyelitis Optica Spectrum Disorders: A Mendelian Randomization Study

Yue Hu

the First Hospital of China Medical University, China

Pe-066-4 Effect of Gene-Environmental Factors to The Risk of Developing MultipleSclerosis:Systematic Review

Theodora C.E. Adeodatia

Faculty of Medicine Pelita Harapan University, Tangerang, Indonesia

Pe-066-5 Sphingosine-1-Phosphate Receptor 5 Agonist-Induced Nerve Repair in Experimental Autoimmune Neuritis**Takafumi Uchi**

Toho University Ohashi Medical Center, Japan

Pe-066-6 Exosome SNORD37 is a new marker for relapse mitigation in NMO and miR133b is that for progressive MS**Guzailiayi Maimaitijiang**

Translational Neuroscience Research Center, Graduate School of Medicine, International University of Health and Welfare, Okawa, Japan

Pe-067 English Poster Session 067**AOCN2024 En**

June 1 (Sat) 13 : 15 ~ 14 : 35

Poster Session (E Block B2F Hall E)

Peripheral neuropathy 3

Chairs : Masahiro Iijima

Pfizer Inc., Japan

Nagaaki Katoh

Department of Neurology, Shinshu University, Japan

Pe-067-1 Hereditary neuropathy with liability to pressure palsies: symptoms and electrophysiology**Yi Li**

Department of Neurology, Beijing Hospital, China / National Center of Gerontology, China / Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, China

Pe-067-2 Potential Biomarkers of Hereditary Transthyretin Amyloidosis: A Metabolic Study**Xujun Chu**

Peking University First Hospital, China

Pe-067-3 Evaluation of Efficacy and Safety of Cholestimide for Diarrhea in Patients with ATTRv Amyloidosis**Yusuke Mochizuki**

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan

Pe-067-4 Neuromuscular Manifestations of Systemic Light Chain Amyloidosis**Zhenyu Li**

Department of Neurology, Peking University First Hospital, China

Pe-067-5 Finding etiology of chemotherapy-induced neurotoxicity in the treatment of ovarian cancers**Amar Ranjan**

All India Institute of Medical Sciences, New Delhi, India

Pe-067-6 Nitrous oxide abuse and associated neurological disease: case series**Kongkiat Kulkantrakorn**

Thammasat University, Thailand / Center of Excellence in Neuroscience, Bangkok International Hospital, Thailand

Neuromuscular junction disorders

Chairs : Kazuo Iwasa

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

Satoru Oji

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

Pe-068-1 Mortality of myasthenia gravis:
a national population-based study in China from 2013 to 2020

Zhang Chen

Department of Neurology, Xuanwu Hospital, Capital Medical University, China / Department of
Neurology, PLA Rocket Force Characteristic Medical Center, China

Pe-068-2 THYMUS CHARACTERISTICS IN SEROPOSITIVE AND
SERONEGATIVE MYASTHENIAGRAVIS

Oyunaa Chimedregzen

Mongolian National University of Medical Science, Mongolia

Pe-068-3 THE CLINICAL AND PARACLINICAL CHARACTERISTICS
OF MYASTHENIA GRAVIS PATIENTS UNDERWENT
THYMECTOMY

Thi Thuy Vu

University Medical Center of Ho Chi Minh City, Vietnam

Pe-068-4 ~~Assessing the extent of symptom control provided by ravulizumab or
efgartigimod in gMG [Encore Presentation]~~

~~Adrian Kiehlhorn~~~~Alumis Pharmaceuticals, Inc, USA~~

withdrawn

Pe-068-5 Evaluation of the complement regulatory factor CD59 in serum of
patients with myasthenia gravis

Etsuko Ogaya

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

Pe-068-6 Impact of sleep disturbance in myasthenia gravis

Seong-il Oh

Department of Neurology, Kyung Hee University Hospital, Korea

Epilepsy 3

Chairs : Hisashi Okada

National Hospital Organization Nagoya Medical Center, Department of
Neurology, Japan

Kei-ichiro Takase

Department of Neurology, Iizuka Hospital, Japan

Pe-069-1 Changes in gut microbiome can be associated with abrupt seizure
aggravation in epilepsy patients

Dong Wook Kim

Department of Neurology Konkuk University Hospital, Korea

Pe-069-2 Epilepsy care cooperation among clinics, hospitals, and epilepsy
centers: Japanese nationwide survey

Kentaro Tokumoto

National Epilepsy Center, NHO Shizuoka Institute of Epilepsy and Neurological Disorders, Japan

Pe-069-3 Impact of Post-Stroke Epilepsy on Swallowing Function:
A Retrospective Study

Risa Kimura

Department of Neurology, Tosei General Hospital, Japan

Pe-069-4 Cytokine profiles in cryptogenic New Onset Refractory Status
Epilepticus (NORSE) in Singapore

Yihui Goh

National University Hospital, Singapore

Pe-069-5 Access to Diagnostics, Therapies, and Attitudes Towards Epilepsy/
Seizure Disorders in Nepal

Gaurav Nepal

Tribhuvan University Institute of Medicine, Nepal

Clinical trials and Drug development

Chairs : Tohru Matsuura

Division of Neurology, Jichi Medical University Hospital, Japan

Haruhiko Banno

Institute for Advancement of Clinical and Translational Science (iACT), Kyoto
University Hospital, Japan**Pe-070-1** Impact of Baseline Polyneuropathy Severity on Vutrisiran Treatment
Response in HELIOS-A Study [Encore Presentation]

Yohei Misumi

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

Pe-070-2 Trial protocol: a phase 2 RCT to investigate oral semaglutide tablets for Parkinson disease

Yasuyoshi Kimura

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

Pe-070-3 A phase 1 study of NS-035 in patients with Fukuyama congenital muscular dystrophy

Go Fujino

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

Pe-070-4 Phase 1/2 trial of bromocriptine in Alzheimer's disease with presenilin 1 mutations (REBRAnD)

Haruhiko Banno

CiRA/iACT/Department of Neurology, Kyoto University, Japan

Pe-070-5 Japanese Participant Data from 3 Gantenerumab Clinical Trials in Early Alzheimer's Disease (AD)

Akira Tamaoka

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

Pe-071 English Poster Session 071

AOCN2024 En

June 1 (Sat) 13:15 ~ 14:35

Poster Session (E Block B2F Hall E)

Neurogenetics, Gene therapy, and iPS cell 4

Chairs : Hiroyuki Morino

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

Hirofumi Yamashita

Japanese Red Cross Wakayama Medical Center, Japan

Pe-071-1 Alternatively spliced novel isoforms of SHSPB8 and its role in neurodegeneration

Naira Rashid

Jamia Hamdard, India

Pe-071-2 Identification of drug targets for Alzheimer's disease by integrating genetics and proteomes

Ya-nan Ou

Qingdao Municipal hospital, Qingdao University, China

Pe-071-3 Nanobubble-Mediated Carrier-Free mRNA Delivery into the CNS Using Low-Frequency Ultrasound

Hiroshi Kida

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

Pe-071-4 siRNA-mediated ATN1 mRNA knockdown markedly improves the phenotype of DRPLA model mice

Mitsuto Sato

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan / Department of Brain Disease Research, Shinshu University School of Medicine, Japan

Pe-071-5 Gene therapy for amyotrophic lateral sclerosis by microRNA with homing peptides to microglia in mice

Tomoya Terashima

Department of Neurology, Shiga University of Medical Science, Japan

Pe-071-6 Clinical genetic approaches for at risk family members with hereditary transthyretin amyloidosis

Katsuya Nakamura

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan / Center for Medical Genetics, Shinshu University Hospital, Japan

Pe-071-7 Establishment of an axonopathy iPSC cohort for disease modeling and drug discovery

Takeshi Niki

iPSC-based Drug Discovery and Development Team, RIKEN BioResource Research Center (BRC), Japan / Center for iPS Cells for Research and Application (CiRA), Kyoto University, Japan

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