

**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** ICA Pseudoaneurysm complicated by MCA stroke in young man, Rare case report & review of literature

**Aseel A. Alamri**  
College of medicine, Taibah University, Madina, Saudi Arabia

**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 &amp; 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 $\beta$  seeds in Alzheimer's disease brains underlying A $\beta$  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 &amp; 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 $\alpha$ /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

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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

**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**

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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**

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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 Beritashvili 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- $\beta$  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**

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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 Dilatation 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: Imaging**

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 GCa 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  $\alpha$ -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  $\alpha$ -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 Precious C. Dichoso  
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 Ca<sup>2+</sup> 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

UFMT - Universidade Federal do Triângulo Mineiro, Brazil

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 060**AOCN2024 **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 Maha maya vaishnav devi research institute, India

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 Ca<sup>2+</sup> 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

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**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

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**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

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**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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