Pe-018 English Poster Session

May 24 (Thu) 17:35 ~ 18:50 Poster Session (Royton Sapporo [Royton Hall] 3F)

Cerebrovascular disease (Basic research)

Chair: Kazuo Kitagawa
Department of Neurology, Tokyo Women's Medical University

Commentator: Andrew M. Demchuk
Calgary Stroke Program, University of Calgary, Canada

Pe-018-1 CRTC2 played important role for ischemic stroke

Hideaki Kanki
Department of Neurology, Osaka University Graduate School of Medicine

Pe-018-2 Ameliorating Effects of New Type HDAC Inhibitors with a Diketopiperazine Group on Ischemic Injury

Tsutomu Sasaki
Department of Neurology, Graduate School of Medicine, Osaka University

Pe-018-3 Accumulation of adiponectin trimer in the rat brain under chronic cerebral hypoperfusion

Yu Takahashi
Nanakuri Memorial Hospital Fujita Health University, Department of Internal Medicine

Pe-018-4 High ethanol consumption accelerates hematoma growth in ICH rats via MMP-9 activation

Hock-kean Liew
Department of Medical Research, Buddhist Tzu Chi General Hospital, Hualien, Taiwan

Pe-018-5 beta 1-integrins modulate tight junction expression and permeability in cerebral endothelial cells

Yoshikane Izawa
Division of Hematology, Department of Medicine, University of Washington School of Medicine, Seattle, WA, USA / Department of Neurology, Keio University School of Medicine, Tokyo, Japan
Pe-019  English Poster Session
May 24 (Thu) 17:35 ~ 18:50  Poster Session (Royton Sapporo [Royton Hall] 3F)

Cerebrovascular disease (Prognostic factor)
Chair: Teruyuki Hirano
Department of Stroke and Cerebrovascular Medicine, Kyorin University
Commentator: Naohisa Hosomi
Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical & Health Sciences

Pe-019-1  Clinical features of recurrent stroke patients diagnosed embolic stroke of undetermined sources
Taizen Nakase
Research Institute for Brain & Blood Vessels -Akita

Pe-019-2  Clinical features of hemichorea-hemiballism, considered as stroke-related movement disorders
Nobuko Shiraiwa
Department of Health Sciences, Tsukuba University of Technology / Department of Neurology, Tsukuba Memorial Hospital

Pe-019-3  The ratio of EPA/AA is associated with mortality and poor outcomes in patients with ischemic stroke
Yuri Shojima
Department of Neurology, Juntendo University

Pe-019-4  Association between GFR and dilated Virchow Robin spaces in acute ischemic stroke
Bo Wu
Department of Neurology, West China Hospital, Sichuan University, China

★ Pe-019-5  Rehabilitation and Readmission/Mortality Risks in Patients with Stroke or Transient Ischemic Attack
Chu-ling Yen
Kaohsiung Chang Gung Memorial Hospital, Taiwan

Pe-019-6  Insulin Resistance is An Independent Risk Factor for Early Neurological Deterioration
Mi Donghua
Beijing Tiantan Hospital, China

★ Nominees for the Best Presentation Award for the International Participants
Cerebrovascular disease (Biomarker)

Chair: Yoshiaki Itoh
Department of Neurology, OSAKA CITY UNIVERSITY GRADUATE SCHOOL OF MEDICINE

Commentator: Rajesh Verma
Department Of Neurology, King George Medical University, Lucknow, Uttar Pradesh, India

Pe-020-1 Relation between LDL-C change and BNP change during treatment with pitavastatin
Hideki Sugimoto
Department of Neurology, School of Medicine Faculty of Medicine, Toho University Ohashi Medical Center

Pe-020-2 Relationship of systolic BP during 24 hours after IV rt-PA to clinical outcome in patients with AIS
Takeshi Yoshimoto
National Cerebral and Cardiovascular Center, Department of Neurology

Pe-020-3 Predictors of Hemorrhagic Transformation in Patients with MCA occlusion Receiving intravenous rt-PA
Masahiko Ichijo
Department of Neurology, Musashino Red Cross Hospital

Pe-020-4 In anticoagulation for acute ischemic stroke associated with NVAF, which is better, heparin or DOAC?
Masanori Tomoda
Department of Cerebrovascular Medicine and Neurology, Clinical Research Institute

Pe-020-5 Withdrawn

Parkinsonism and Related disorders (DAT-SCAN and basic research)

Chair: Shigeki Hirano
Department of Neurology, Graduate School of Medicine, Chiba University

Commentator: Tetsuya Takahashi
Department of Clinical Neuroscience and Therapeutics

Pe-021-1 Differences in the DaT-SPECT study according to the phenotypes of the progressive supranuclear palsy
Yasushi Takehisa
Japanese Red Cross Okayama Hospital, Department of Neurology
| Pe-021-2 | Striato-Prefrontal Projection in parkinsonian syndrome with perfusion and dopamine transporter SPECT  
Yoshikazu Nakano  
Department of Neurology, Chiba University Graduate School of Medicine |
| Pe-021-3 | Motor and cognitive functions in PD correlate with caudate DAT availability and hippocampal atrophy  
Shuro Kogawa  
The Department of Internal Medicine, Kohka Public Hospital |
| ★ Pe-021-4 (APe-01-6) | Interactions between caffeine intake and LRRK2 gene in Parkinson’s Disease  
Yi Lin Ong  
DUKE-NUS Medical School, Singapore / National Neuroscience Institute, Singapore |
| Pe-021-5 | Prevalence of GBA gene mutation in PD in Singapore  
Fiona Setiawan  
National Neuroscience Institute, Singapore / Singapore General Hospital (Departments of Neurology), Singapore |

| Pe-022-1 | Association of grip strength with plasma muscle-specific biomarkers in Parkinson’s disease  
Yuko Kitahara  
Department of Neurology, Graduate School of Medicine, Juntendo University |
| Pe-022-2 | Plasma biomarker from L-dopa metabolite for pathological condition assessment of Parkinson’s Disease  
Akiko Chukyo  
Department of Neurology, Juntendo University School of Medicine / Department of Pharmacy, Juntendo University Hospital |
| Pe-022-3 | Human non-mercaptopoalbumin as novel biomarker in Parkinson’s disease and PARK2 patients  
Shin-ichi Ueno  
Department of Neurology, Juntendo University Graduate School of Medicine, Tokyo, Japan |
| Pe-022-4 | Evaluation of visual evoked magnetic fields of Parkinson’s disease with visual-related problems  
Ryoji Naganuma  
Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University. |
| Pe-023-5 | MIR-132 EXPRESSION IN PLASMA OF PARKINSON’S DISEASE |
| Zhaofei Yang |
| Center for Translational Research on Neurological Disease, 1st Affiliated Hospital, Dalian Medical University, China |

**Pe-023**  English Poster Session  
**En**  
May 24 (Thu) 17:35 ~ 18:50  
Poster Session (Royton Sapporo [Royton Hall] 3F)  

**Dementia (Basic research1)**  
Chair: Kazuhiro Ishii  
Department of Neurology, Faculty of Medicine, University of Tsukuba  
Commentator: Mari Tada  
Department of Pathology, Brain Research Institute, Niigata University  

| Pe-023-1 | Altered expression of the Tau protein by organic arsenic compounds |
| Kazuhiro Ishii |
| Department of Neurology, Faculty of Medicine, University of Tsukuba |

| Pe-023-2 | The role of pericytes constituting the blood-brain barrier for the clearance of amyloid beta |
| Yasuteru Sano |
| Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine |

| Pe-023-3 | Homer1a-mediated resilience against neuronal hyperexcitability by APP and amyloid beta oligomer |
| Kenji Yamamoto |
| Department of Neurology, Utano National Hospital / Clinical Research Center, Utano National Hospital / Department of Physiology, Kanazawa Medical University |

| Pe-023-4 | Tau regulates food intake and body weight |
| Yusuke Fujioka |
| Department of Neurology, Nagoya University Graduate School of Medicine |

| Pe-023-5 | TGF-beta-RELATED PROTEINS IN THE INCLUSIONS OF ADULT-ONSET NEURONAL INTRANUCLEAR INCLUSION DISEASE |
| Tomoe Sato |
| Department of Pathology, Brain Research Institute, Niigata University |

| Pe-023-6 | SV2B can regulate BACE1 localization |
| Masakazu Miyamoto |
| Department of Neurology Kyoto University Graduate School of Medicine / Department of Human Health Science Kyoto University Graduate School of Medicine |

| Pe-023-7 | Beneficial efficiency of the extract of Terminalia chebula in aluminium-induced neurotoxicity |
| Sumit Rajput |
| GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, India |
Pe-024  English Poster Session  En
May 24 (Thu)  17:35 ~ 18:50  Poster Session (Royton Sapporo [Royton Hall] 3F)

Motor Neuron Disease  (electrophysiological studies)
Chair : Atsushi Hashizume
Nagoya University Hospital, Department of Neurology
Commentator : Kenji Sekiguchi
Division of Neurology, Kobe University Graduate School of Medicine

Pe-024-1  Ectopic impulse generation in peripheral nerve hyperexcitability syndromes and ALS
Yu-ichi Noto
Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine / Brain and Mind Centre, THE UNIVERSITY OF SYDNEY

Pe-024-2  Motor cortex low intensities on SWI in progressive muscular atrophy with widespread fasciculations
Kenji Sekiguchi
Division of Neurology, Kobe University Graduate School of Medicine

Pe-024-3  Elevation of serum creatine kinase at the onset of Amyotrophic Lateral Sclerosis
Daisuke Ito
Nagoya University Graduate School of Medicine, Department of Neurology

Pe-024-4  Restless Legs Syndrome in Chinese Patients with Sporadic Amyotrophic Lateral Sclerosis
Shuangwu Liu
Peking Union Medical College Hospital, Chinese Academy of Medical Sciences, China

Pe-025  English Poster Session  En
May 24 (Thu)  17:35 ~ 18:50  Poster Session (Royton Sapporo [Royton Hall] 3F)

Cerebellar ataxia and others  (Clinical research)
Chair : Tetsutaro Ozawa
Institute of Community Medicine, Niigata University
Commentator : Gregor K. Wenning
Medical University Innsbruck, Department of Neurology, Austria

Pe-025-1  The severity of ataxia is not correlated with urinary dysfunction in multiple system atrophy
Tatsuya Yamamoto
Department of Neurology, Graduate School of Medicine, Chiba University

Pe-025-2  Proposal of modified autonomic failure criteria for the diagnosis of MSA (second report)
Yoshitaka Yamanaka
Department of Neurology, Graduate School of Medicine, Chiba University
Clinical summary and neuropathological observations of early-onset multiple system atrophy
Takashi Ando
Department of Neurology, Nagoya University Graduate School of Medicine / Department of Neuropathology, Institute for Medical Science of Aging, Aichi Medical University

Registry Study for Multiple System Atrophy: HoRC-MSA project from the aspect of medication use
Masaaki Matsushima
Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University

Clinical application of arterial spin labeling MRI in patients with spinocerebellar degeneration
Masamichi Ikawa
Department of Neurology, University of Fukui Hospital / Second Department of Internal Medicine, Faculty of Medical Sciences, University of Fukui / Biomedical Imaging Research Center, University of Fukui

Effects of the intensive rehabilitation program in each type of degenerative cerebellar diseases
Hiroki Abe
Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan / Department of Physiology, Yokohama City University Graduate School of Medicine, Yokohama, Japan

Hereditary spastic paraplegia: case report and review of literature
Kantasit Wisanuvej
Surathani Hospital, Thailand

English Poster Session
May 24 (Thu) 17:35 ~ 18:50
Poster Session (Royton Sapporo [Royton Hall] 3F)
Parkinsonism and Related disorders (Basic research1)
Chair: Hirohisa Watanabe
Nagoya University Brain and Mind Research Center
Commentator: Günter Höglinger
German Center for Neurodegenerative Diseases Munich, Germany

TREM2 p.R47H may be a risk factor for multiple system atrophy
Kotaro Ogaki
Department of Neuroscience, Mayo Clinic, Jacksonville, Florida, USA / Department of Neurology, Juntendo University Shizuoka Hospital, Izunokunishi, Shizuoka, Japan

Aberrant accumulation of ErbB4 in progressive supranuclear palsy
Aya Murakami
Department of Neurology, Kansai Medical University

Possible involvement of metallothionein in rotenone-induced dopaminergic neurotoxicity
Ikuko Miyazaki
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<th>Affiliation</th>
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<td>Experimental verification of RF heating during MRI following DBS with an intracerebral electrode</td>
<td>Hitoshi Yabe</td>
<td>Division of Health Sciences, Graduate School of Medical Sciences, Kanazawa University / Department of Radiology, Saitama Rehabilitation Center</td>
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<td>Pe-026-5</td>
<td>Lack of PLCG1 mediates ADHD-like behaviors through abnormal development of mDA neurons in mice</td>
<td>Du-seock Kang</td>
<td>Department of Biological Sciences, Korea Advanced Institute of Science &amp; Technology (KAIST), Daejeon, Korea / School of Life Sciences, Ulsan National Institute of Science and Technology, Ulsan, Korea</td>
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<td>Pe-027-1</td>
<td>Focal cortical astrocytopathy with demyelination in neuromyelitis optica spectrum disorder</td>
<td>Shotaro Hayashida</td>
<td>Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University</td>
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<td>Pe-027-2</td>
<td>Clinical, radiological and immunological features of late-onset NMOSD in a Japanese cohort</td>
<td>Akihiro Nakajima</td>
<td>Department of Neurology, Brain Research Institute, Niigata University, Niigata, Japan</td>
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<td>Pe-027-3</td>
<td>Two Cases of Late-onset NMOSD with Cerebral Lesions on Initial Presentation</td>
<td>Tai Otani</td>
<td>Department of Neurology, Yokosuka Kyosai Hospital</td>
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<td>Pe-027-4</td>
<td>Cerebral cortical encephalitis with MOG antibody detected only in the CSF: A report of two cases</td>
<td>Ryo Ogawa</td>
<td>Department of Neurology, Tohoku University School of Medicine</td>
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<td>Pe-027-5</td>
<td>Late-onset Neuromyelitis Optica Spectrum Disorder Presenting with Falls and Monoparesis: A Case Report</td>
<td>Pannathat Soontrapa</td>
<td>Mahidol university, Siriraj hospital, Thailand</td>
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<td>Pe-027-6</td>
<td>Positivity of ANA &amp; SSA during NMOSD Attacks in Patients without Co-existing SLE &amp; Sjogren Syndrome</td>
<td>Jyh Yung Hor</td>
<td>Department of Neurology, Penang General Hospital, Penang, Malaysia</td>
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Pe-028  English Poster Session
May 24 (Thu) 17:35 ~ 18:50  Poster Session (Royton Sapporo [Royton Hall] 3F)

Parkinsonism and Related disorders (Biochemistry)
Chair: Akio Kikuchi
Department of Neurology, Tohoku University Graduate School of Medicine
Commentator: Adam L. Boxer
University of California, San Francisco, USA

Pe-028-1  The increased a-syn expression inhibits exosome secretion
Yuta Ishiguro
Juntendo University School of Medicine, Neurology

Pe-028-2  Alpha-synuclein interacting proteins in nucleus
Naoto Sugeno
Department of Neurology, Tohoku University Hospital

Pe-028-3  DNAJC13 mutation aggravates alpha-synuclein-induced toxicity through perturbation of trafficking
Shun Yoshida
Division of Neurology, Department of Neuroscience & Sensory Organs, Tohoku University Graduate School of Medicine

Pe-028-4  NURRI DEFICIENCY-MEDIATED INFLAMMATORY INJURY TO NIGRAL DOPAMINE NEURONS IN PARKINSON’S DISEASE
Jie Dong
Center for Translational Research on Neurological Disease, 1st Affiliated Hospital, Dalian Medical University, China

Pe-029  English Poster Session
May 24 (Thu) 17:35 ~ 18:50  Poster Session (Royton Sapporo [Royton Hall] 3F)

Peripheral neuropathy (CMT and CIDP)
Chair: Hiroshi Takashima
Department of Neurology and Geriatrics, Kagoshima University
Commentator: Toshiki Fujioka
Toho University Ohashi Medical Center, Department of Neurology

Pe-029-1  Clinical features of middle-aged and elderly Charcot-Marie-Tooth patients
Fukiko Kitani-morii
Department of Neurology, Graduate School of Kyoto Prefectural University of Medicine

Pe-029-2  B cell activating factor (BAFF) expression in the active phase of CIDP
Teruaki Kawasaki
Koseikai Takeda Hospital, Center of Neurological and Cerebrovascular Diseases

Pe-029-3  Subacute combined degeneration of spinal cord and gastric neuroendocrine tumor: case report
Wan-ling Chang
Department of Neurology, National Taiwan University Hospital, Taiwan
Pe-029-4  Tongue Fasciculation in a Patient with Chronic Inflammatory Demyelinating Polyneuropathy
Katrina T. Roberto
Department of Neurosciences, Philippine General Hospital, University of the Philippines, Manila, Philippines

Pe-030  English Poster Session
May 24 (Thu) 17:35 ~ 18:50  Poster Session (Royton Sapporo [Royton Hall] 3F)
Metabolic disorders (Mitochondrial disease and nutrition)
Chair: Youichi Hokezu
Department of Neurology, Oita Prefectural Hospital
Commentator: Michito Namekawa
Health Administration Center, Saitama Prefectural University

Pe-030-1  Cortical lesions on MRI in osmotic demyelination syndrome, a CJD mimic
Shonosuke Watanabe
Aizawa Hospital, Matumoto, Japan

Pe-030-2  Analysis of mitochondrial DNA point mutations derived from the multiple tissues
Hisashi Uwatoko
Department of Neurology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University

Pe-030-3  Distinctive distribution of brain volume reductions in MELAS and mtDNA A3243G mutation carriers
Koyo Tsujikawa
Department of Neurology, Nagoya University Graduate School of Medicine / Department of Neurology, Nagoya Daini Red Cross Hospital

Pe-030-4  Withdrawn

Pe-030-5  Autonomic neuropathy and polyneuropathy in type 2 diabetes mellitus
Eun Hee Sohn
Chungnam National University Hospital, Korea

Pe-031  English Poster Session
May 24 (Thu) 17:35 ~ 18:50  Poster Session (Royton Sapporo [Royton Hall] 3F)
Neurophysiology
Chair: Masako Kinoshita
Department of Neurology, Utano National Hospital
Commentator: Hidetomo Murakami
Department of Neurology, School of Medicine, Showa University

Pe-031-1  Effect of factor structure of the WMS-R on cortical structure for elderly patients
Ryuta Kinno
Division of Neurology, Department of Medicine, Showa University School of Medicine
The relationship between striatal dopamine transporter and cognitive function in healthy subjects
Hongliang Li
Department of Neurology, Graduate School of Medicine, Chiba University

Motor potentials of MRCP's may originate from sensori-motor area and supplementary sensori-motor area
Jun-ichi Kitamura
Jikei-Kai Yokohama Hajime Hospital Department of Neurology

Effect of repetitive photic stimulations on heart rate variability
Masako Kinoshita
Department of Neurology, Utano National Hospital

Different alarm criteria in muscle MEP between cervical and thoracic OPLL surgery
Seong-rae Jo
Department of Neurology, Stroke Center, Yuseong Sun Medical Center, Korea

Hyperexcitability in Flash Visual Evoked Potentials of Migraine Patients
Doo Eung Kim
Veterans Health Service Medical Center, Korea

Assessment Of Facial Synkinesis With Applied Blink Reflex Test
Han Jeong Ho
Veterans Health Service Medical Center, Korea

Impaired esophageal phase of swallowing with dilated esophagus in Machado-Joseph Disease
Go Fujino
Department of Neurology, Graduate School of Medicine, The University of Tokyo / NTT Medical Center Tokyo, Department of Neurology

Kaempferol, a kind of flavonol, enhances degradation of disease-causing proteins via autophagy
Hiroaki Adachi
Department of Neurology, University of Occupational and Environmental Health School of Medicine
The interaction of co-chaperone SGTA and protein aggregates in neurodegenerative diseases
Shun Kubota
Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine

Fahr's Disease in a 26 year old Filipino Female: A Case Report
Winston P. Dela Cruz
Corazon Locsin Montelibano Memorial Regional Hospital, Philippines

Effect of Mucuna pruriens seed on methyl mercury-induced oxidative stress in cerebellum of rats
Vikas Sharma
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, India

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English Poster Session
En
May 24 (Thu) 17:35 ~ 18:50 Poster Session (Royton Sapporo [Royton Hall] 3F)

Neuroimmunology (Basic research)
Chair : Masahiro Iijima
Department of Neurology, Nagoya University Graduate School of Medicine
Commentator : Sachiko Miyake
Department of Immunology, Juntendo University Graduate School of Medicine

Pathogenesis and effects of immunoglobulin in CIDP model mice
Masahiro Iijima
Department of Neurology / Department of therapeutics for intractable neurological disorders

HTLV-1 reduces the expression of Toll-like receptor genes in HAM/TSP patients
Ryuji Kubota
Center for Chronic Viral Diseases, Kagoshima University

POSTNATAL ALLERGY RESULTS IN AUTISM-LIKE BEHAVIOR IN MALE MICE VIA HIPPOCAMPAL SYNAPTOPATHY
Ban-yu Saitoh
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

Gap junction/hemichannel blockers ameliorate a mouse model of neuropathic pain
Hideyuki Takeuchi
Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine / Department of Neuroimmunology, Research Institute of Environmental Medicine, Nagoya University

Angiotensin 1-7 inhibits Klra6 expression in mice brain
Kiyokazu Kawabe
Department of Neurology Toho University Omori Medical Centre
**Pe-033-6**  Analysis of human thymic epithelial cells  
Yohei Yamamoto  
Department of Neurology, Institute of Biomedical Sciences, Tokushima University Graduate School

**Pe-034**  English Poster Session  
May 24 (Thu) 17:35 ~ 18:50  
Poster Session (Royton Sapporo [Royton Hall] 3F)

**Myopathy (DMD/BMD1)**  
Chair: Yoshihide Sunada  
Department of Neurology, Kawasaki Medical School  
Commentator: Tsuyoshi Matsumura  
National Hospital Organization Toneyama National Hospital

**Pe-034-1**  Exon 45 skipping therapy of iPS cells from a DMD patient with exon 46-55 deletion  
Mitsuto Sato  
Department of Medicine (Neurology and Rheumatology) Shinshu University School of Medicine

**Pe-034-2**  Decrease of genes associated with differentiation and regeneration in cardiomyocyte derived from DMD  
Daigo Miyazaki  
Department of Medicine (Neurology and Rheumatology) Shinshu University School of Medicine  
/ Intractable Disease Care Center, Shinshu University Hospital

**Pe-034-3**  Establishment of a non-invasive and efficient in vitro assay system for exon skipping therapy  
Hotake Takizawa  
Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry

**Pe-034-4**  Pathomechanisms of muscle degeneration in nuclear envelopathy  
Yukiko Hayashi  
Department of Pathophysiology, Tokyo Medical University

**Pe-034-5**  Overexpression of mutant MATR3 recapitulates clinicopathological features of VCPDM and ALS in mice  
Xiao Zhang  
Department of neurology, Kumamoto university
### Pe-035  English Poster Session

**May 24 (Thu) 17:35 ~ 18:50**  
Poster Session  (Royton Sapporo [Royton Hall] 3F)

#### Epilepsy (Basic research)

Chair: Naoki Akamatsu  
International University of Health and Welfare School of Medicine, Department of Neurology, Fukuoka Sanno Hospital

Commentator: Hiroshi Shigeto  
Epilepsy and Sleep Center, Fukuoka Sanno Hospital

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<th>Protective effects of potocatechuic acid (PCA) on seizure-induced neuronal death</th>
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<tr>
<td>Hong Ki Song</td>
<td>Hallym University KANGDONG SH HOSPITAL, Korea  /  HALLYM UNIVERSITY MEDICAL COLLEGES, Korea</td>
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<th>Elucidation of Na+/K+ ATPase activity of epileptic rat brain synaptosome by neurotransmitters</th>
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<tr>
<td>Sukrat Sinha</td>
<td>Centre of Biotechnology, India</td>
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<th>Risk of epilepsy in surgical patients undergoing general or neuraxial anaesthesia</th>
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<tr>
<td>Tsai-wei Hsu</td>
<td>National Synchrotron Radiation Research Center, Taiwan</td>
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<th>Knowledge awareness and attitude about epilepsy among some schoolteachers in Ulaanbaatar, Mongolia</th>
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<tr>
<td>Delgermaa Purev</td>
<td>Mungunguur hospital, Mongolia</td>
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### Pe-036  English Poster Session

**May 24 (Thu) 17:35 ~ 18:50**  
Poster Session  (Royton Sapporo [Royton Hall] 3F)

#### Miscellaneous (Basic research3)

Chair: Toshihiko Maeda  
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine

Commentator: Tetsuya Nagata  
Department of Neurology and Neurological Science, Tokyo Medical and Dental University

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<th><strong>Pe-036-1</strong></th>
<th>Difference of ADAM17 expression between BNB and BBB</th>
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<tr>
<td>Masatoshi Omoto</td>
<td>Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Ube, Japan</td>
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<th><strong>Pe-036-2</strong></th>
<th>Construction of the new multi-cultured in vitro blood-brain barrier model under shear forces</th>
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<tr>
<td>Susumu Fujikawa</td>
<td>Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduated School of Medicine.</td>
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The barrier effect of the components of the blood-brain barrier and the blood-nerve barrier in vitro
Yukio Takeshita
Department of Neurology and Clinical Neuroscience Yamaguchi University Graduate School of Medicine

Expression pattern of chondroitin sulfate matrix in the autism spectrum disorder mouse model brain
Yuji Suzuki
Research Institute for Diseases of Old Age, Juntendo University Graduate School of Medicine

Topiramate for the treatment of methamphetamine addiction: a meta-analysis
Vida Margurette D. Andal
University of the Philippines - Philippine General Hospital, Philippines

Effect of co-administration of Matricaria Chamomilla and Crocus sativus in diabetic depressed rats
Saara Ahmad Muddasir Khan
The Aga Khan University Hospital, Karachi, Pakistan

A novel structure of duplex antisense oligonucleotides improves potency via intraventricular route
Su Su Lei Mon
Tokyo Medical and Dental University, Japan