

Pe-01 English Poster Session 01**En****Cerebrovascular disorder (clinical research 1)**

Pe-01-1 Utility of high resolution vessel wall imaging for diagnosis in anterior cerebral artery dissection

Yo Tsuda

Department of Neurology, Nagoya City University Hospital, Japan

Pe-01-2 Concurrent cerebral infarction in four brain areas predicts prolonged necessity of tube feeding

Takaaki Hattori

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

Pe-01-3 withdrawn

- Pe-01-4 Progressive cerebral arterial stenosis in middle aged patients without lifestyle-related diseases
Takahiro Nakayama
Department of Neurology, Yokohama Roasai Hospital, Japan
- Pe-01-5 Intensive Blood Pressure Monitoring in Acute ICH Patients with Risk of Resistant Hypertension
Nazla Ananda Rachmi Putri
National Brain Centre Hospital, Indonesia
- Pe-01-6 RISK FACTORS AND OUTCOMES IN TWO AGE-GROUPS OF STROKE PATIENTS: A SINGLE CENTRE OBSERVATION
Deik Roy Chuan
Clinical Research Centre, Seberang Jaya Hospital, Malaysia
- Pe-01-7 withdrawn
- Pe-01-8 Clinical characteristics of acute simple corpus callosum infarction
Chen Zhulin
Fuxing Hospital affiliated to Capital Medical University, China
- Pe-01-9 Reversible cerebral vasoconstriction syndrome in pediatric patients after heart transplantation
Rika Yamashita
Department of Neurology, Osaka University Graduate School of Medicine, Japan

Pe-02 English Poster Session 02

En

Dementia (biomarker, test method 2)

- Pe-02-1 Strong associations of sarcopenia and frailty with cognitive functions in female MCI and AD
Yasuyuki Ohta
Department of Neurology, Okayama University, Japan
- Pe-02-2 Abnormal synaptic plasticity shown by TMS relates with amyloid accumulation in early staged dementia
Takenobu Murakami
Neurology, Tottori Prefectural Kousei Hospital, Japan / Neurology, Fukushima Medical University, Japan
- Pe-02-3 In vivo mitochondrial and glycolytic impairments in Alzheimer's disease
Tatsuhiro Terada
Department of Neurology, NHO Shizuoka Institute of Epilepsy and Neurological Disorders, Japan
- Pe-02-4 withdrawn

Pe-02-5 Cerebrospinal fluid Alzheimer's disease biomarker profiles in meningoencephalitis

Makiko Shinomoto

Kyoto Prefectural University of Medicine, Department of Neurology, Japan

Pe-02-6 High molecular weight Amyloid β oligomer induces disruption and structural change of cell membrane

Taro Yasumoto

Department of Neurology, School of Medicine, Showa University, Tokyo, Japan /
Pharmacological Research Center, Showa University, Tokyo, Japan / Department of
Pharmacology, School of Medicine, Showa University, Tokyo, Japan

Pe-02-7 GILT Expression on Microglia in Alzheimer's Disease Brains

Jun-ichi Satoh

Department of Bioinformatics, Meiji Pharmaceutical University, Japan

Pe-02-8 Associations of regional white matter abnormalities with cognitive function in amnesic MCI

Kentaro Hirao

Department of Geriatric medicine, Tokyo Medical University Hospital, Tokyo, Japan

★ Pe-02-9 Results of thirty-six-month amyloid PET:
(APe-01-4) continuous reduction in amyloid burden with gantenerumab

Gregory Klein

Roche Pharma Research and Early Development, Switzerland

Pe-03 English Poster Session 03

En

Parkinson's disease-related diseases (clinical research 3)

Pe-03-1 Cost of Parkinson Disease among Filipino patients seen at a public tertiary hospital in Manila

Mario Jr. B. Prado

Philippine General Hospital, Japan

Pe-03-2 Efficacy of istradefylline for quality of life in Parkinson's disease with freezing of gait

Mutsumi Iijima

Department of Neurology Tokyo Women's Medical University, Japan

Pe-03-3 Effect of deep brain stimulation on metabolic brain network in dystonia: an FDG-PET study

Koji Fujita

Department of Neurology, Tokushima University Hospital, Japan

Pe-03-4 Adenosine A2A receptor occupancy by istradefylline in Parkinson's disease, using 11C-preladenant PET

Kenji Ishibashi

Research Team for Neuroimaging, Tokyo Metropolitan Institute of Gerontology, Japan

- Pe-03-5** Early decrease of peripheral blood intermediate monocytes in multiple system atrophy cerebellar-type
Dai Matsuse
 Department of Neurology, Neurological Institute, Graduate school of Medical Sciences, Kyushu University, Japan
- Pe-03-6** Clinical characteristics of very elderly onset multiple system atrophy
Hiroaki Sekiya
 Dept. of Neurology, Amagasaki General Medical Center, Japan / Division of Neurology, Kobe University Graduate School of Medicine, Japan
- Pe-03-7** Disproportionately enlarged subarachnoid-space hydrocephalus and striatal dopaminergic dysfunction
Gohei Yamada
 Department of Neurology, Nagoya City West Medical Center, Japan
- Pe-03-8** The prevalence of neurodegenerative disorders and their effects on the clinical features of NPH
Anri Hattori
 Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-03-9** Pre-possible MSA phase in diagnosis of multiple system atrophy
Yasushi Osaki
 Department of Neurology, Kochi Medical School Hospital, Japan
- Pe-03-10** Clinical characteristics of Multiple system atrophy patients with Laryngeal abductor dysfunction
Yosuke Kokunai
 Department of Neurology, Minoh City Hospital, Japan

Pe-04 English Poster Session 04

En

Parkinson's disease-related diseases (basic research 1)

- Pe-04-1** withdrawn
- Pe-04-2** withdrawn
- Pe-04-3** Heterozygous PINK1 variants are partially correlated to the onset of alpha-synucleinopathies
Kenya Nishioka
 Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-04-4** Analyses of Free Water Imaging Using Common Marmosets Alpha-Synuclein Propagation Model
Ayami Okuzumi
 Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-04-5** Anti parkinson effect of natural L-DOPA from *Vitex negundo* in rotenone induced rat model
Vikas Vikas
 Sam Higginbottom University of Agriculture, Technology & Sciences, India

-
- Pe-04-6** **Clinical and neuropathologic features of progressive supranuclear palsy with cognitive dysfunction**
Maya Mimuro
Dept. of neuropathol., Inst. Med. Sci. Aging, Aichi Med. Univ, Japan
-
- Pe-04-7** **Transomics analysis of serum metabolome and serum-exosomal miRNA transcriptome in Parkinson's disease**
Kengo Miyamoto
Department of Neurology, Juntendo University School of Medicine, Japan
-
- Pe-04-8** **Region-specific glial dysfunction promotes rotenone neurotoxicity**
Ikuko Miyazaki
Dept. of Medical Neurobiology, Okayama Univ. Grad. Sch. of Med., Dent. and Pharmaceut. Sci., Japan
-
- Pe-04-9** **Parkin is modified with O-GlcNAc**
Yukiko Maki
Department of Clinical Research, Tokushima National Hospital, Japan
-
- Pe-04-10** **withdrawn**

Pe-05 English Poster Session 05

En

Motor neuron disease (clinical research 1)

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- Pe-05-1** **Elevation of serum creatine kinase at the onset of sporadic amyotrophic lateral sclerosis**
Daisuke Ito
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- Pe-05-2** **Clinical and genetic characteristics in Japanese families with VCP-related multisystem proteinopathy**
Takashi Ando
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- Pe-05-3** **Impact of quantitative assessment of fasciculations in patients with amyotrophic lateral sclerosis**
Akihiro Nishida
Department of Neurology, Fukuoka University, Japan
-
- Pe-05-4** **Clinical characteristics and prognosis of elderly ALS patients in China**
Xiaohan Sun
Peking Union Medical College Hospital, China
-
- Pe-05-5** **Novel mutation in DCTN1 in Chinese patients with amyotrophic lateral sclerosis**
Jia Lin Chen
fujian medical university union hospital, China

-
- Pe-05-6** N-terminal fragment of titin is novel and non-invasive biomarker to evaluate disease severity in ALS
Shinichiro Yamada
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- Pe-05-7** Medical manual for ALS and Parkinsonism-dementia complex (PDC) of the Kii peninsula of Japan
Yasumasa Kokubo
Kii ALS/PDC Research Center, Mie University, Japan
-
- Pe-05-8** Fibre density changes of corticospinal tract in amyotrophic lateral sclerosis: Fixel-based analysis
Aya Ogura
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- Pe-05-9** Clinicoradiological features of olfactory impairment in amyotrophic lateral sclerosis
Michihito Masuda
Department of Neurology, Nagoya University Graduate School of Medicine, Japan
-
- Pe-05-10** A Tale of Two Siblings:
Two Cases of Spinal Muscular Atrophy Type 2 Among Filipino Siblings
Camille Danica L. Mirhan
Perpetual Succour Hospital, Philippines

Pe-06 English Poster Session 06

En

Cerebellar ataxia (basic research 1)

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- Pe-06-1** Increased β -tubulin glutamylation in the ataxia and male sterility mouse hinders neural maturation
Yoshie Ito
Department of Neurology, Shimane University Faculty of Medicine, Japan
-
- Pe-06-2** Establishment of spinocerebellar ataxia type 36 model fly
Tomoya Taminato
Dept Neurotherapeutics, Osaka Univ Grad Sch of Med, Osaka, Japan
-
- Pe-06-3** Genetic screening for potassium channel mutations in autosomal dominant spinocerebellar ataxia
Hiroyuki Morino
Department of Epidemiology, Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima, Japan
-
- Pe-06-4** Effects of the overexpression of TFEB in cellular and mouse models of neurodegenerative diseases
Hiroaki Adachi
Department of Neurology, University of Occupational and Environmental Health School of Medicine, Japan

Pe-06-5 Biochemical analysis of middle-age-onset SCAR caused by a biallelic mutation of HSD17B4

Yukiko Matsuda

Dept. Epidemiology, RIRBM, Hiroshima Univ., Japan

Pe-06-6 Association of FMRI intermediate alleles with multiple system atrophy

M Asem Almansour

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

Pe-06-7 Genetics and iPSC analysis of the patients with the variants of vacuolar protein sorting I3C gene

Arisa Hayashida

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

Pe-06-8 Mutation analysis of BSN gene in patients with sporadic progressive nuclear palsy

Masahiro Wakita

Department of Neurology, Hokkaido University, Japan

Pe-06-9 The pathological role of GBA2 in GBA1-related central nervous system disorders

Etsuro Nakanishi

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

Pe-07 English Poster Session 07

En

Neuroimmunity (clinical research 2)

Pe-07-1 Anti-NMDAR positivity in a case of lymphomatosis cerebri(LC) presented with ataxia: a case report

Narudol Jinkarn

Siriraj hospital, Mahidol university, Thailand

Pe-07-2 Antibody index of anti-agalactosyl immunoglobulin G antibody as a biomarker of rheumatoid meningitis

Keiko Hatano

Department of Neurology, Japanese Red Cross Medical Center, Tokyo, Japan

Pe-07-3 Abnormal alpha rhythm in EEG and disconnected cortical connectivity networks after HPV vaccination

Yoshiyuki Kuroiwa

Department of Neurology and Stroke Center, Mizonokuchi Hospital, Teikyo University School of Medicine, Kawasaki, Japan / Medical Office, Ministry of Japan, Tokyo, Japan

Pe-07-4 Shortened telomere G-tail length in 10 patients with adverse effects after HPV vaccination

Toshiaki Hirai

Department of Neurology and Stroke Center, Mizonokuchi Hospital, Teikyo University School of Medicine, Kawasaki, Japan

- Pe-07-5** Case series of IgG4-related pachymeningitis in the southern of Thailand
Dussadee Seanglaw
suratthani hospital, Thailand
- Pe-07-6** Pembrolizumab-related ocular myasthenia gravis and myositis
Chia Yi Tian
Changhua Christian Hospital, Taiwan
- Pe-07-7** Cerebral lesions and volume in multiple sclerosis and neuromyelitis optica
Takahiro Wakasugi
Department of Neurology, Brain Research Institute, Niigata University, Japan
- Pe-07-8** Efficacy of Mycophenolate Mofetil in NMOSD: A Systematic Review
Sakdipat Songwisit
Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
- Pe-07-9** Efficacy of Plasma exchange in NMOSD: A Systematic Review and Meta-analysis
Punchika Kosiyakul
Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
- Pe-07-10** The clinical and immunological features of NMO patients with onset over 80 years old
Ayaka Ono
Department of Neurology, Brain Research Institute, Niigata University, Japan

Pe-08 English Poster Session 08

En

Muscle disease/Metabolic disease

- Pe-08-1** The role of activated vitamin D for the barrier function of the endomysial endothelium
Yasuteru Sano
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan
- Pe-08-2** Histological investigation of necroptosis in anti-SRP myopathy
Masatoshi Omoto
Neurology and Clinical Neuroscience, Yamaguchi University, Japan
- Pe-08-3** Electrical excitability of human iPSCs-derived muscle cells
Tomoya Kubota
Lab of Clinical neurophysiology, Osaka University Graduate School of Medicine, Japan

Pe-08-4 The effect of IgG from inflammatory myopathy patients on human muscle microvascular endothelial cell
Masaya Honda
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

Pe-08-5 A deficit of short isoform of brain dystrophin impairs excitatory-inhibitory balance in the amygdala
Yasumasa Hashimoto
Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP), Japan / Department of Neurology, Kansai medical university, Japan

Pe-08-6 Transplantation of capillary stem cells improves skeletal muscle regeneration in muscular dystrophy
Kohei Kano
Aasahikawa medical University, Department of Medicine, Division of Cardiovascular, Respiratory and Neurology, Japan

Pe-08-7 withdrawn

Pe-08-8 Prevalence of Normal Somatosensory Evoked Potential in Subacute Combined Degeneration
Sung-ju Hsueh
Department of Neurology, National Taiwan University Hospital Yun-Lin Branch, Taiwan

Pe-09 English Poster Session 09

En

Nerve infection (encephalitis/prion disease 1)

Pe-09-1 A large cohort study of tick-borne encephalitis in Hokkaido
~ It was never a rare disease
Ikuko Takahashi-iwata
Department of Neurology, Hokkaido University, Japan

Pe-09-2 Short term prognosis of acute encephalitis about elderly patients
Tatsuo Ihara
Department of Neurology, Otaru General Hospital, Japan

Pe-09-3 Possible pleocytosis in patients without meningeal irritation signs
Saori Adachi- Abe
Nitobe Memorial Nakano General Hospital, Japan

Pe-09-4 withdrawn

Pe-09-5 Neuropathological examination of Creutzfeldt-Jacob disease with Met/Val heterozygosity at codon 129
Akiko Uchino
Department of Neurology, Kitasato University School of Medicine, Japan / Department of Neuropathology, Tokyo Metropolitan Geriatric Hospital & Institute of Gerontology, Japan

Pe-09-6 A case of M232R genetic Creutzfeldt-Jakob disease with Lewy bodies

Akio Akagi

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

Pe-09-7 Clinical features and new diagnostic criteria of MM2C type sporadic Creutzfeldt-Jakob disease

Tsuyoshi Hamaguchi

Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Science; Kanazawa, Japan

Pe-10 English Poster Session 10

En

Epilepsy and sleep disorders

Pe-10-1 Diagnostic value of Arterial Spin Labeling in prolonged ictal paresis with poststroke coma

Hiroya Ohara

Department of Neurology, Minami Nara General Medical Center, Japan / Department of Neurology, Nara Medical University School of Medicine, Japan

Pe-10-2 Everolimus effects on tuberous sclerosis complex-associated neuropsychiatric disorders

Misako Kunii

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

Pe-10-3 Red slow detected in scalp-EEG from epileptogenic zone of temporal lobe epilepsy

Miwa Takatani

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

Pe-10-4 withdrawn

Pe-10-5 withdrawn

Pe-10-6 Plasma prostaglandin D2 synthase levels in sleep and neurological diseases

Keisuke Suzuki

Department of Neurology, Dokkyo Medical University, Japan

Pe-10-7 Sleep disturbances among medical students

Davaadulam Khutagbaatar

Reflex Neurological Clinic, Mongolia

Pe-10-8 POLYSOMNOGRAPHIC PREDICTORS OF RESPONSE TO MILNACIPRAN IN DEPRESSION

Amrit Patojoshi

central institute of Psychiatry, India

Cerebrovascular disorder (basic research 1)

Pe-11-1 Co-transplantation of M2 microglia and neural stem cell improves the pathology of cerebral ischemia

Abdullah M. Sheikh

Shimane University, Japan

Pe-11-2 Association of Admitting NIHSS Status and In-hospital Outcomes of Filipino Acute Stroke Patients

Ma. Cielo G. Peligrino

Perpetual Succour Hospital, Philippines

Pe-11-3 Melatonin ameliorates hypoglycemic stress-induced brain endothelial injury by inhibiting TIGAR

Xingfeng Mao

College of Pharmacy, Nanjing Medical University, China

Pe-11-4 Exploration of OPC differentiation under ischemic stroke using BCAS1 immunohistochemistry

Guanhua Jiang

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

Pe-11-5 withdrawn

Pe-11-6 In vivo direct reprogramming method of glial lineage to neuronal cells in post-stroke brain

Toru Yamashita

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

Pe-11-7 Study on exploring related factors among recurrent stroke patients-an example of Mongolian hospital

Monkhsaikhan Jargalsaikhan

Second general hospital of Mongolia, Mongolia

Pe-11-8 Transplantation of amniotic mesenchymal stem cells ameliorates brain damage after cerebral ischemia

Shiro Takahashi

Department of Neurology, Graduate School of Medicine, Nippon Medical School, Japan / Department of Biochemistry and Molecular Biology, Graduate School of Medicine, Nippon Medical School, Japan

Dementia (basic research 1)

Pe-12-1 Clinical characteristics of emergency patients with dementia in a local clinic

Koh Tadokoro

Department of Neurology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Japan / Department of Neurology, Kurashiki Heisei Hospital, Japan

Pe-12-2 Tricetin as effective antialzheimers potentials through for AChE and BChE enzymes inhibition

Kanika Patel

Sam Higginbottom University of Agriculture, Technology and Sciences, India

Pe-12-3 A cationic gallium phthalocyanine inhibits amyloid beta peptide fibril formation

Shatera Tabassum

Shimane University, Japan

Pe-12-4 Neuroprotective effects of Gossypetin in Alzheimer's disease: In-silico and In-vitro approaches

Dinesh K. Patel

Department of Pharmaceutical Science, Shalom Institute of Health and Allied Sciences, Faculty of Health Sciences, Sam Higginbottom University of Agriculture, Technology and Sciences, India

Pe-12-5 withdrawn

Pe-12-6 Analysis of cerebral small vessel changes in AD model mice

Abu Zaffar Shibly

Shimane University, Faculty of Medicine, Japan

Pe-12-7 Oral administration of PERAMPANEL to Alzheimer model mice rapidly lowered amyloid-beta levels in ISF

Sakiho Ueda

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

Pe-12-8 Effectiveness of galantamine treatment from preplaque phase of APP^{swe}/PS1^{ΔE9} mice

Taro Saito

Department of Neurology, Sapporo Medical University, Japan

Pe-13 English Poster Session 13

En

Parkinson's disease-related diseases (clinical research 6)

Pe-13-1 A case of Autosomal Dominant Spinocerebellar Ataxia Patient in District Hospital

Bolortsetseg Davaasuren

Medical Center of Bayangol District, Mongolia

Pe-13-2 withdrawn

Pe-13-3 Altered GABAergic and dopamine systems in early Parkinson's disease: a PET study

Hirotsugu Takashima

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

Pe-13-4 **STUDY OF EXERCISE AND PHYSICAL ACTIVITY TO DELAY PROGRESSION IN PARKINSON'S DISEASE : STUDY DESIGN**

Noriko Kawashima
Kawashima Neurology Clinic, Japan

Pe-13-5 **Effectiveness of table tennis exercise on symptoms of Parkinson disease**

Kenichi Inoue
Department of Neurology, Fukuoka University School of Medicine, Japan / Department of Neurology, Murakami Karindoh Hospital, Japan

Pe-13-6 **withdrawn**

Pe-13-7 **Cerebello-basal ganglia network relates to motor severity and cognition in Parkinson's disease**

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

Pe-13-8 **Usefulness of early detection of Parkinson's disease in combination of foot-tapping and tandem gait**

Yuki Kitazaki
Department of neurology, Fukui-ken Saiseikai Hospital, Japan / Department of neurology, University of Fukui Hospital, Japan

Pe-13-9 **White matter alterations in Multiple System Atrophy-parkinsonian variant**

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

Pe-13-10 **Factors related to the development of dementia in Parkinson's Disease**

Kuni Konaka
Osaka Yukioka College for Health Science Faculty of Health Science Department of Physical Therapy, Japan / Osaka university graduate school of medicine Department of Neurology, Japan

Pe-14 **English Poster Session 14**

En

Motor neuron disease (basic research 1)

Pe-14-1 **ADAR2 downregulation is a cause of death not only in ALS motor neurons but also in cultured cells**

Takashi Hosaka
Department of Neurology, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan / Department of Internal Medicine, Ibaraki Western Medical Center, Tsukuba University Hospital Ibaraki Western Area Medical Education Center, Chikusei, Ibaraki, Japan

Pe-14-2 **Exploration of pathogenesis for upper motor neuron dysfunction of sporadic ALS employing model mice**

Takuto Hideyama
Department of Neurology, Tokyo Medical University, Japan / Department of Molecular Neuropathogenesis, Tokyo Medical University, Japan

- Pe-14-3** Mutational and functional analysis of the CHCHD2 gene in amyotrophic lateral sclerosis
Aya Ikeda
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-14-4** Axonal pathology in amyotrophic lateral sclerosis with TARDBP mutations
Shio Mitsuzawa
Department of Neurology, Tohoku University Graduate School of Medicine, Japan
- Pe-14-5** A behavior-based drug screening system using *Caenorhabditis elegans* models of motor neuron disease
Makoto Hideshima
Department of Neurology, Osaka University Graduate School of Medicine, Japan
- Pe-14-6** C9orf72-derived PR poly-dipeptides target Kap beta-2 through NLS binding site and dysregulate LLPS
Hitoki Nanaura
Department of Neurology, Nara Medical University, Japan
- Pe-14-7** Toxic PR poly-dipeptides encoded by the C9orf72 repeat expansion alter actin dynamics
Tomo Shiota
Department of Neurology, Nara Medical University, Japan
- Pe-14-8** Multimerization of TDP-43 plays a key role in determination of its subcellular localization
Kotaro Oiwa
Dept Neurol, Grad Sch Med, Nagoya Univ, Nagoya, Japan / Dept Neurosci Pathobiol, RIEM, Nagoya Univ, Nagoya, Japan
- Pe-14-9** Genetic screening for genes involved in degradation of G4C2 repeat RNA in C9-ALS/FTD
Midori Yoshikawa
Dept Neurotherapeutics, Osaka Univ Grad Sch of Med, Osaka, Japan
- Pe-14-10** SynGAP 3'UTR mutation from ALS cohort causes aberrant FUS-SynGAP mRNA regulation and spine formation
Satoshi Yokoi
Department of Neurology, Nagoya University Graduate School of Medicine, Nagoya, Japan

Pe-15 English Poster Session 15

En

Motor neuron disease (SBMA)

- Pe-15-1** Elucidation of early pathophysiology of spinal-bulbar muscular atrophy using disease-specific iPSCs
Kazunari Onodera
Department of Neurology, Aichi Medical University School of Medicine, Japan / Department of Neurology, Nagoya University Graduate School of Medicine, Japan

Pe-15-2 Presymptomatic exercise attenuates motor dysfunction in a mouse model of SBMA

Tomoki Hirunagi

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

Pe-15-3 Potential paracrine mechanisms involved in SBMA pathogenesis

Kentaro Sahashi

Department of Neurology, Nagoya University, Japan

Pe-15-4 Genotype-phenotype correlation study of Neuronal Intranuclear Inclusion Disease

Shota Shibata

Department of Neurology, The University of Tokyo Hospital, Japan

Pe-15-5 Evaluation of efficacy of leuprorelin acetate for the subjects with SBMA using real world data

Atsushi Hashizume

Nagoya University Hospital, Department of Neurology, Japan

Pe-15-6 Molecular mechanism of protein aggregation of mutant SOD1 in canine ALS-like disease

Shintaro Kimura

The United Graduate School of Veterinary Sciences, Gifu University, Japan

Pe-15-7 Quantitative analysis of the spinal cord with diffusion tensor imaging in ALS-like disease in dogs

Eiji Naito

Joint Graduate School of Veterinary Sciences, Gifu University, Japan

Pe-15-8 Clinicopathological investigation of target fiber in amyotrophic lateral sclerosis

Kentaro Hara

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

Pe-15-9 Dissection of developmental motor-neuron defects in spinal muscular atrophy

Mayumi Kataoka

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

Pe-16 English Poster Session 16

En

Cerebellar ataxia (clinical research 2)

Pe-16-1 Quantitative evaluation of Multiple system atrophy patients' gait by triaxial accelerometers

Shinichi Shirai

Department of Neurology, Hokkaido University, Japan

- Pe-16-2** Epidemiological study of multiple system atrophy in Hokkaido: the 5 year's registry data of HoRC-MSA
Masaaki Matsushima
Department of Neurology, Hokkaido University, Japan
- Pe-16-3** Nationwide survey on idiopathic cerebellar ataxia, in collaboration with Japan Consortium of Ataxias
Kunihiro Yoshida
Division of Neurogenetics, Department of Brain Disease Research, Shinshu University School of Medicine, Japan
- Pe-16-4** A Novel device for quantitative evaluation of upper limb movements in the patients with SCD
Yoshiyuki Kishimoto
Department of Neurology Nagoya University Graduate School of Medicine, Japan
- Pe-16-5** Development of a clinical rating scale for DRPLA: insight from a retrospective study
Nanaka Yamaguchi
Department of Neurology, University of Tokyo, Graduate School of Medicine, Japan
- Pe-16-6** Analysis of genetic testing for spinocerebellar ataxia
Mayu Sakurai
Department of Neurology, Juntendo University School of Medicine, Japan
- Pe-16-7** Single-cell RNA-sequencing analysis on human brainstem organoids
Kaoru Kinugawa
Department of Neurology, Nara Medical University, Japan
- Pe-16-8** Utility of stabilography in probable cerebellar-type Hashimoto's encephalopathy
Masako Kinoshita
Department of Neurology, National Hospital Organization Utano National Hospital, Japan

Pe-17 English Poster Session 17

En

Neuroimmunity (clinical research 3)

- Pe-17-1** Impaired B cell tolerance permits the early emergence of pathogenic autoantibody production in NMOSD
Akiko Nagaishi
Department of Neurology, NHO Nagasaki Kawatana Medical Center, Japan / Autoimmune Neurology Group, Nuffield Department of Clinical Neurosciences, John Radcliffe Hospital; University of Oxford, UK
- Pe-17-2** Difference in the optic neuritis prognosis in patients with MS, AQPAD, and MOGAD
Hiroki Masuda
Department of Neurology, Graduate School of Medicine, Chiba University, Japan

Pe-17-3 MOG-IgG is not detected in cases with neuropathy: preliminary study of 37 cases

Kimihiko Kaneko

Department of neurology, NHO Miyagi National Hospital, Japan / Department of Neurology, Tohoku University school of medicine, Japan

Pe-17-4 Clinical features of MOG antibody-positive and AQP4 antibody-positive NMO spectrum disorders

Tomotaka Mizoguchi

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

Pe-17-5 Treatment response in relapsing anti-MOG antibody-positive optic neuritis: Analysis of logMAR change

Satoru Oji

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

Pe-17-6 Risk HLA-DRB1 alleles differentially influence MRI parameters in Japanese with multiple sclerosis

Shoko Fukumoto

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

Pe-17-7 Evaluation of serum LOTUS as a biomarker of neuroinflammation

Keita Takahashi

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

Pe-17-8 The immunological features in peripheral blood from multiple sclerosis patients sustaining NEDA-3

Misako Minote

Department of Immunology, National Center of Neurology and Psychiatry, Japan / Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Pe-17-9 Clinical and electrophysiological features among the Mongolian patients with myasthenia gravis

Munkhbayar Rentsenbat

Reflex Neurological Clinic, Mongolia

Pe-18 English Poster Session 18

En

Neuroimmunity (basic research 1)

Pe-18-1 Modulation of EAE by Mycobacterium avium subsp. paratuberculosis-specific mucosal immune response

Davide Cossu

Juntendo University School of Medicine, Department of Neurology, Tokyo, Japan / Juntendo University School of Medicine, Advanced Research Institute for Health Science, Tokyo, Japan

- Pe-18-2** DNA/RNA heteroduplex oligonucleotide technology for regulating activated microglia and macrophages
Rieko Nishi
Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan
- Pe-18-3** Anti NMDAR encephalitis in a 28/F with Ovarian Follicular Cyst presenting with Status Epilepticus
Michael A. Bonilla
St Paul's Hospital Iloilo Philippines, Philippines
- Pe-18-4** withdrawn
- Pe-18-5** Comparative study of various angiotensin receptor blockers on experimental autoimmune neuritis
Hideo Kihara
Toho University Medical Center Ohashi Hospital, Japan
- Pe-18-6** FTY may precipitate BBB dysfunction induced by IgG from NMO/D patients
Shunsuke Yoshimura
Department of Neurology and strokeology, Nagasaki University Hospital, Japan
- Pe-18-7** Protection of brain lesion expansion and cortical atrophy by Vd2⁺ gd T cells in multiple sclerosis
Takuya Matsushita
Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan
- Pe-18-8** Long-term use of fingolimod in multiple sclerosis normalizes the Vd1/Vd2 ratio in gd T cells
Mitsuru Watanabe
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan
- Pe-18-9** Protective effects of rice on multiple sclerosis susceptibility via CD4⁺ effector T cell reduction
Ayako Sakoda
Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan
- Pe-18-10** T cell response to MOG peptides in anti-MOG antibody positive patients
Hirohiko Ono
Department of Neurology, Tohoku University School of Medicine, Japan

Pe-19 English Poster Session 19**En****Various muscle diseases / others**

- Pe-19-1** Becker muscular dystrophy: Biopsy may not lead to its diagnosis
Yasushi Oya
Dept of Neurol, National Center of Neurology & Psychiatry (NCNP), Japan

Pe-19-2 Alterations of sarcotubular system in permanent myopathy of hypokalemic periodic paralysis

Takamura Nagasaka

Dept. of Neurology, Faculty of Medicine, University of Yamanashi, Japan

Pe-19-3 withdrawn

Pe-19-4 The Damage of Autonomic Nervous System Dysfunction and Cerebral Auto-regulation in MELAS Patients

Di Ma

Neurology Department, Peking University First Hospital, Beijing, China

Pe-19-5 Eosinophilic fasciitis with anti-signal recognition particle antibodies: a case report

Yiming Zheng

Peking University First Hospital, China

Pe-19-6 withdrawn

Pe-19-7 Analysis of clinical characteristics of patients with paraneoplastic neurological syndromes

Jun Sawada

Asahikawa Medical University, Department of Neurology, Japan

Pe-19-8 Characteristics of arm tremors in primary orthostatic tremor

Jun Tashiro

Sapporo Parkinson MS Neurological Clinic, Japan

Pe-19-9 Bilateral facial nerve palsies from leptomenigeal malignancy: response to osimertinib: case report

Mark W. Faragher

Neurology Department, Alfred Hospital, Australia / Department of Neurosciences, Monash University, Australia / Peter MacCallum Cancer Institute, Australia

Pe-19-10 Septo-Optic Dysplasia with Pachygyriain a 34 year old Filipino Woman : A Case Report

Rey Alfred E. Inting

Perpetual Succour Hospital, Philippines

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En

Clinical neurophysiology (clinical research 2), others

Pe-20-1 Effects of cerebellar intermittent theta burst stimulation on vestibular reflexes

Ken Johkura

Department of Neurology, Yokohama Brain and Spine Center, Japan

- Pe-20-2** The evaluation of nerve activity using magnetic field measurement and positional information by US
Miho Akaza
 Respiratory and Nervous System Science, Biomedical Laboratory Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan
- Pe-20-3** ISA is associated with transient cortical dysfunction and hyperperfusion in Moyamoya disease
Kozue Hayashi
 Department of neurology, Kyoto University, Japan
- Pe-20-4** Cerebral Hemodynamic changes in chronic alcohol dependent patients induced by Naltrexone challenge
Krishna Priyambada
 Hitech medical college, India
- Pe-20-5** withdrawn
- Pe-20-6** Lack of personal social network in abused demented patients
Norimasa Mitsuma
 Department of Neurology, Meitetsu Hospital, Japan
- Pe-20-7** withdrawn
- Pe-20-8** The de novo hotspot variant in SCN3A cause polymicrogyria: report of patients and literature review
Satoko Miyatake
 Clinical Genetics Department, Yokohama City University Hospital, Japan
- Pe-20-9** Insulin as a memory substance
Shozo Kito
 Shonan Hospital, Japan

Pe-21 English Poster Session 21

En

Cerebrovascular disorder (cerebral small vessel disease)

- Pe-21-1** Clinical features of stroke with cerebral microbleeds (CMBs) : Comparison with stroke without CMBs
Aki Arai
 Department of Neurology, Saitama Prefectural Rehabilitation Center, Japan
- Pe-21-2** Headache and CAA-related intracerebral hemorrhage: a nationwide study in Japan
Kenji Sakai
 Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences, Japan
- Pe-21-3** Analysis of 13 Cases of adult PCNSV
Hitomi Onomura
 Department of Neurology, TOYOTA Memorial Hospital, Japan

Pe-21-4 The Role of Cnm Positive Streptococcus mutans in the Development of Intracerebral Hemorrhage

Shuichi Tonomura

Department of Neurology, Graduate School of Medicine, Kyoto University, Japan / Department of Neurology, National Cerebral and Cardiovascular Center, Japan

Pe-21-5 The Mitochondria Transfer Effect From Astrocyte To Glial Cells Under Chronic Cerebral Hypoperfusion

Nobukazu Miyamoto

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-21-6 Diabetes and Obesity promote activation-dynamics of Vessel-Associated Microglia in hypertensive rats

Takashi Koizumi

Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan / Department of Pharmacology-Toxicology, Maastricht University, the Netherlands / MHeNS - School for Mental Health and Neuroscience, Maastricht University, the Netherlands

Pe-21-7 Nuclear export and reduced enzyme activity of TREX1 improve cell growth arrest due to RVCL mutation

Shoichiro Ando

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

Pe-22 English Poster Session 22

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Dementia (clinical research 3)

Pe-22-1 Correlation of Abeta toxic conformer and tau in CSF obtained from controls, a preliminary study

Yasushi Tomidokoro

Faculty of Medicine (Neurology), University of Tsukuba, Japan

Pe-22-2 Clinical features and course of Diabetes-related Dementia

Naoto Takenoshita

Department of Geriatric Medicine, Tokyo Medical University, Japan

Pe-22-3 withdrawn

Pe-22-4 Melissa officinalis extract containing rosmarinic acid for Alzheimer's disease

Moeko Shinohara

Department of Neurology and Neurobiology of Aging, Kanazawa University, Japan / Department of Preemptive Medicine for Dementia, Kanazawa University, Japan

Pe-22-5 Medical interventions suppressed progression of advanced Alzheimer's disease more than mild

Yasuyuki Honjo

Department of Neurology, Kyoto Miniren Asukai Hospital, Japan / Department of Neurology, Biwako-Yoikuin Hospital, Japan / Department of Neurology, Kyoto-Kaisei Hospital, Japan / Department of Neurology, Seika-cho National Health Insurance Hospital, Japan

Pe-22-6 **Clinical Correlation of Alzheimers Pathology in Pathological Confirmed Early vs Late-onset DLB**
Simon Kang Seng Ting
National Neuroscience Institute, Singapore / Singapore General Hospital, Singapore

Pe-22-7 **withdrawn**

Pe-23 English Poster Session 23

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Parkinson's disease-related diseases (basic research 2)

Pe-23-1 **Levodopa metabolic profiles in Parkinson's disease patients treated with various enzymic inhibitors**
Akiko Chukyo
Department of Neurology, Juntendo University School of Medicine, Japan / Department of Pharmacy, Juntendo University Hospital, Japan

Pe-23-2 **Chronic administration of Rotigotine improve lower urinary tract function in PD rat model**
Takeya Kitta
Department of Urology, Hokkaido University Hospital, Japan

Pe-23-3 **The a-syn filaments in exosomes are useful biomarker for Parkinson's disease**
Yuta Ishiguro
Juntendo University School of Medicine, Department of Neurology, Japan

Pe-23-4 **Mitochondrial dysfunction in mice model for prodromal Parkinson's disease: a metabolomic analysis**
Masashi Ikuno
Department of Neurology Kyoto University Graduate School of Medicine, Japan

Pe-23-5 **Inhibition of SNCA Propagation by locally injected ASO in wt mice**
Tatsuhiko Sano
Department of Neurology and Neurological Sciences, Tokyo Medical and Dental University, Graduate School of Medical and Dental Sciences, Japan / Center for Brain Integration Research (CBIR), Tokyo Medical and Dental University (TMDU), Japan

Pe-23-6 **Identification of receptor for neuronal uptake and propagation of alpha-Synuclein fibrils**
Shun Ishiyama
Department of Neurology, Tohoku University Graduate School of Medicine, Japan

Pe-23-7 **GSH improves membrane potential and calcium without mitochondrial accumulation in Parkin(-) cells**
Tohru Kitada
Otawa-Kagaku, Japan

Pe-23-8 **Alpha-synuclein affects epigenetic profiles through interacting with BAF complex**
Naoto Sugeno
Department of Neurology, Tohoku University, Japan

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- Pe-23-9** **Alpha-Synuclein Phosphorylation By Homocysteine**
Soichi Enomoto
Department of Neurology, Faculty of Medical Sciences, University of Fukui, Japan
-

Pe-24 **English Poster Session 24**

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Motor neuron disease (basic research 2)

- Pe-24-1** **Mutational analysis of amyotrophic lateral sclerosis with KIF5A mutations in the Japanese series**
Hiroya Naruse
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan
-
- Pe-24-2** **Hemiplegic type ALS: Clinicopathological features of two autopsied patients**
Makoto Sainouchi
Department of Pathology, Brain Research Institute, Niigata University, Japan
-
- Pe-24-3** **DDX5 accumulates in neuronal cytoplasmic inclusions with TDP-43 in SALS**
Mikiko Tada
Dept. of Neurology and Stroke medicine, Yokohama City University Graduate School of Medicine, Japan
-
- Pe-24-4** **Ubiquitin modification of TDP-43 positive neuronal cytoplasmic inclusions in ALS**
Yoshiaki Nakayama
Department of Neurology, Wakayama Medical University, Japan
-
- Pe-24-5** **Spreading of TDP-43 via direct corticospinal connections in mouse models**
Shintaro Tsuboguchi
Department of Neurology, Brain Research Institute, Niigata University, Japan
-
- Pe-24-6** **TDP-43 pathology of the lower motor neurons in tau-related disorders**
Yuichi Riku
Inst. for Medical Science of Aging, Aichi Med. Univ., Japan / Dept. of Neurology, Nagoya Univ., Japan
-
- Pe-24-7** **Characteristic features of FUS inclusions in spinal motor neurons of sporadic ALS**
Kensuke Ikenaka
Department of Neurology, Osaka University Graduate School of Medicine, Japan
-
- Pe-24-8** **Therapeutic effects of bone marrow-derived neuroprotective microglia in ALS model mice**
Shuhei Kobashi
Division of Neurology, Department of Medicine, Shiga University of Medical Science, Japan
/ Department of Stem Cell Biology and Regenerative Medicine, Shiga University of Medical Science, Japan
-

Pe-24-9 CCR2 is localized in microglia and neurons, as well as infiltrating monocytes, in ALS mice

Hiroyasu Komiya

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

Pe-25 English Poster Session 25

En

Headache/other 1

Pe-25-1 withdrawn

Pe-25-2 Is Electro Myogram (EMG) Biofeedback Training for Migraine Headache Effective?

Madhu Nayak

Netaji Subhash Chand Bose Medical College, India

Pe-25-3 Reappraisal of abnormal EEG in migraine by wide-band EEG: a pilot study

Kyoko Hosokawa

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

Pe-25-4 ASSOCIATION POLYMORPHISM MTHFR GENE WITH ACUTE ISCHEMIC STROKE WITHIN THE PATIENTS WITH MIGRAINE

Dmytro D. Sotnikov

Sumy State University, Ukraine

Pe-25-5 The prevalence of primary headache disorders among the Mongolian adolescents and children

Selenge Enkhtuya

Reflex Neurological Clinic, Mongolia / Mongolian National University of Medical Sciences, Mongolia

Pe-25-6 Association between burnout and primary headache disorders among the medical staffs

Saruultsetseg Byambadorj

The First State Central Hospital, Mongolia

Pe-25-7 Association between low body temperature and cortical spreading depression

Eiji Kitamura

Kitasato University, School of Medicine, Japan

Pe-25-8 withdrawn

Pe-25-9 Spreading Depression (CSD) is accompanied by mitochondrial oxidization wave, dependent on intravascular oxygen

Hitoshi Maeda

Uekusagakuen university, Department of Rehabilitation, Faculty of Health Sciences, Japan

Pe-25-10 Sumatriptan and olcegepant can reverse the CSD-induced photophobic behavior and hypomotility in mice

Chunhua Tang

Department of Neurology, Keio University School of Medicine, Japan

Pe-26 English Poster Session 26

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Neuroradiology (clinical research)

Pe-26-1 Biopathological Significance of Early-Phase Amyloid Imaging in the Spectrum of Alzheimer's Disease

Tomoyasu Bunai

Department of Biofunctional Imaging, Preeminent Medical Photonics Education & Research Center, Hamamatsu University School of Medicine, Japan

Pe-26-2 Neurocognitive profile of patients undergoing Coronary Artery Bypass Graft compare to Angioplasty

Sharda Singh

All India Institute of Medical Sciences, Raipur, Chhattisgarh, India

Pe-26-3 Manual Pressure Release vs Kinesio Taping in Reducing Myofascial Pain in Filipino Computer Gamers

Mary Laurenz J. Barbaton

Saint Paul University Iloilo Philippines, Philippines

Pe-26-4 Task-Oriented Mirror Therapy with FES vs Task-Specific Training with FES in Post-Stroke Arm Recovery

Michaela Angelica V. Tajanlangit

Saint Paul University Iloilo Philippines, Philippines

Pe-26-5 Neuronal metabolism and inflammation in functional somatic syndrome with the HPV vaccination history

Takashi Matsudaira

Department of Biofunctional Imaging, Preeminent Medical Photonics Education & Research Center, Hamamatsu University School of Medicine, Japan / NHO, National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Japan

Pe-26-6 Altered functional connectivity in respiratory impairment

Akiko Yorita

Division of Respirology, Neurology, and Rheumatology, Department of Internal Medicine, Kurume University School of Medicine, Japan

Pe-26-7 Eye opening shapes inhibitory synaptic transmission in the neocortex

Yong-chun Yu

Fudan University, China

Pe-26-8 withdrawn

Others 3

- Pe-27-1** Efficient gene suppression by DNA/DNA double-stranded oligonucleotide in vivo
Yutaro Asami
Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, and Center for Brain Integration Research, Tokyo Medical and Dental University, Japan
- Pe-27-2** Direct reprogramming of somatic urine-derived cells to generate multiple neuronal cell lineages
Mitsuto Sato
Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan
- Pe-27-3** Analysis of red blood cell velocity in intraparenchymal capillaries and arterial diameter in mice
Yutaka Tomita
Department of Neurology, Keio University School of Medicine, Japan / Tomita Hospital, Japan
- Pe-27-4** Clinical course and their relation with tau PET features of patients harboring MAPT p.K298_H299insQ
Yuri Yamashita
Department of Neurology, Faculty of Medicine, Juntendo University, Japan / Aging Biology in Health and Disease, Graduate School of Medicine, Juntendo University, Japan
- Pe-27-5** The relationship between cognitive functions and driving in patients with Parkinson disease
Hidetada Yamada
Department of Neurology, National Hospital Organization Higashihiroshima Medical Center, Japan
- Pe-27-6** Quantification of caffeine levels in patients with Parkinson's disease and multiple system atrophy
Takuma Ohmichi
Department of Neurology, Kyoto Prefectural University of Medicine, Kyoto, Japan
- Pe-27-7** A Qualitative Evaluation of Patients Preference on Immediate and Extended Release Pramipexole
Rajakumar Sutha
Seberang Jaya Hospital, Malaysia

Cerebrovascular disorder (others)

- Pe-28-1** SATURN: Stroke and Tocotrienols: unique role in neuroprotection (Protocol)
Hong Chuan Loh
Clinical Research Center, Hospital Seberang Jaya, Malaysia

Pe-28-2 Acute Ischemic stroke and Diabetes Mellitus

Tsengelbayar Badam

Neurologist, The First State Center Hospital, Mongolia

Pe-28-3 Microglia-astrocyte crosstalk in the peri infarct area after stroke in rats

Chikage Kijima

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-28-4 Oxygen-glucose deprivation and reperfusion compromises lipid metabolism in human cerebral organoids

Naoki Iwasa

Department of Neurology, Nara Medical University, Japan

Pe-28-5 CRTC2 played an important role under ischemic conditions at endothelial cells via p190RhogapA

Hideaki Kanki

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

Pe-28-6 The Effect of Nicotine on the Chronic Inflammation via cAMP-CRTC2 signaling in Endothelial Cells

Tsutomu Sasaki

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

Pe-28-7 Identification of non-neural cells induced in human cerebral organoids

Takeshi K Matsui

Department of Neurology, Nara Medical University, Japan

Pe-29 English Poster Session 29

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Dementia (basic research 2)

Pe-29-1 Light exercise induces ischemic tolerance through modulation of microRNAs in the gerbil hippocampus

Tadayuki Takata

Department of General Medicine, Kagawa University Faculty of Medicine, Japan / Department of Neurology, Kagawa University Faculty of Medicine, Japan

Pe-29-2 Impaired myelination reduces synchronous neural activity required for learning

Daisuke Kato

Department of Anatomy and Molecular Cell Biology, Nagoya University Graduate School of Medicine, Japan

Pe-29-3 withdrawn

Pe-29-4 SV2B rather than SV2A preferably interacts with BACE1 as a negative regulator of APP processing

Masakazu Miyamoto

Dept. Human Health Sci. Grad. Sch. Med. Kyoto Univ. Kyoto, Japan / Dept. Neuro. Kyoto Univ. Grad. Sch. Med, Japan

Pe-29-5 Efficacy of edaravone for A-beta pathology in AD model mice with chronic cerebral hypoperfusion

Yosuke Osakada

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

Pe-29-6 Lithium chloride reduces phosphorylated tau protein

Rei Asano

Department of Neurology, University of Fukui Hospital, Japan

Pe-29-7 Transplantation of Mesenchymal Stem Cells Improves A-beta Pathology by Modifying Microglial Function

Kazuki Yokokawa

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

Pe-29-8 GAL3BP suppresses Amyloid beta production by modulating beta-cleavage of amyloid precursor protein

Tsuneyoshi Seki

Division of Neurology/Molecular Brain Science, Kobe University Graduate School of Medicine, Japan

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Parkinson's disease-related diseases (basic research 3)

Pe-30-1 Identifying a novel causative gene associated with familial Parkinson's disease

Kensuke Daida

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-30-2 Immunohistological study of immunocytes in 6-OHDA-induced lesion in a rat Parkinson's disease model

Syuuichirou Suzuki

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

Pe-30-3 Searching for genetic modifiers in PRKN

Kotaro Ogaki

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

Pe-30-4 Effects of serotonergic drugs on hyperlocomotive dopamine-deficient mice

Yukiko Ochiai

Tokyo Metropolitan Institute of Medical Science, Japan / Tokyo Metropolitan Neurological Hospital, Japan

Pe-30-5 Development of PD mouse models with alpha-synuclein injection for assessment of chemical efficacy

Tomohiro Ishimaru

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

Pe-30-6 Genetic analysis of VPS13A/B/D: paralogous genes of VPS13C in Parkinson's disease

Hiroyo Yoshino

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

Pe-30-7 Effects of Anthocyanins- rich black plums extract on rotenone-Induced Mouse Model of PD

Deepika Singh

SHUATS, Prayagraj, India

Pe-30-8 The effect of serine 129 phosphorylation of alpha-synuclein on neurotoxicity in PLK2 knock out mice

Hiroyasu Sato

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

Pe-30-9 Next-generation sequencing expand the possibilities to detect more variants in Parkinson's disease

Yuanzhe Li

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-31 English Poster Session 31

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Peripheral neuropathy (clinical study 2)

Pe-31-1 A new method for evaluation of myelinated nerve fiber distribution in sural nerve specimens

Ryota Sato

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

Pe-31-2 Utility of vagus nerve measurement using ultrasound as a screening test for patients with CIDP

Jun Tsugawa

Stroke Center Fukuoka University Chikushi Hospital, Japan

Pe-31-3 Longitudinal change in nerve ultrasound parameters in Charcot-Marie-Tooth disease Type 1A

Yu-ichi Noto

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

Pe-31-4 Investigating Kinesins as potential therapeutic targets of axonal degeneration by Drosophila models

Fukiko Kitani-morii

Department of Neurology, Kyoto Prefectural University of Medicine, Japan / Department of Applied Biology, Kyoto Institute of Technology, Japan

Pe-31-5 Soluble factors of Schwann cells and Schwann cell-derived stem cells promoting tissue regeneration

Toshihiro Masaki

Department of Medical Science, Teikyo University of Science, Japan

Pe-31-6 Pathophysiology of Neuroaxonal dystrophy in Gracile Axonal Dystrophy mice

Yusuke Tokuhara

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

Pe-31-7 Anti-GM1 antibodies impair membrane rafts glycolipids and decrease of exosome released in PCI2 cells

Akihiro Ueda

Department of Neurology, Fujita Health University School of Medicine, Japan

Pe-31-8 An Attempt to Induce Chronic Alcoholic Neuropathy Model in Rat

Takafumi Uchi

Toho University Graduate School of Medicine, Department of Internal Medicine, Division of Neurology, Japan

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Neuroimmunity (autoimmune encephalitis 2)

Pe-32-1 TMEM119+GLUT5+P2RY12- activated microglia relate to distal oligodendroglipathy in Baló's disease

Katsuhisa Masaki

Department of Neurology, Kyushu University, Japan

Pe-32-2 Comparison of the main symptoms of initial episode and relapses in anti-NMDA receptor encephalitis

Satoshi Hirose

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

Pe-32-3 Calcium channels antibody-associated paraneoplastic disorders other than Lambert-Eaton syndrome

Takashi Irioka

Department of Neurology, Yokosuka Kyosai Hospital, Japan

Pe-32-4 Skeletal muscle involvement related to primary systemic vasculitis in the early phase of disease

Yasuhiro Shimojima

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

Pe-32-5 Clinical characteristics of anti-MOG antibody positive tumefactive demyelinating lesions

Rimi Hino-inoue

The University of Tokyo, Department of Neurology, Tokyo, Japan

Pe-32-6 withdrawn

Others 4

Pe-33-1 withdrawn

Pe-33-2 Difference between plasma-derived and serum-derived extracellular vesicles

Xiaoman Zhang

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

Pe-33-3 withdrawn

Pe-33-4 Diagnosis of Alzheimer's Disease using the Expert System Based on Tsukamoto Fuzzy Algorithm

Rifaldy Fajar

Yogyakarta State University, Indonesia

Pe-33-5 Failure in autophagic cytoprotective responses elicited by Clioquinol kills astrocytic KT-5 cells

Yasuaki Mizutani

Department of Neurology, Fujita Health University School of Medicine, Japan

Pe-33-6 Phosphorylated TDP-43 localizes to atherosclerotic lesions of human carotid and cerebral arteries

Takahiko Umahara

Department of Neurology, Mizuno Memorial Rehabilitation Hospital, Japan / Departments of Geriatric Medicine, Tokyo Medical University, Japan

Pe-33-7 Tau plays a key role in adult hippocampal neurogenesis alteration caused by environmental changes

Nobuyuki Iwade

Department of Neurology, Nagoya Univ. Grad. Sch. of Med., Japan

Pe-33-8 Gene Transduction Efficiency of Adeno-Associated Virus Vector to Neural Stem Cells In Vivo

Yoshihide Sehara

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

Pe-33-9 In-vitro gene transfer system using nanobubbles and sonoporation in glial cells

Hiroshi Kida

Department of Anatomy, Fukuoka University School of Medicine, Japan

Pe-33-10 Brainstem organoids from human pluripotent stem cells accommodate multiple types of cell population

Nobuyuki Eura

Department of Neurology, Nara Medical University, Japan