

O-01 Oral Session 01**En**

May 19 (Wed) 16:30 ~ 18:00

Room 04 (ICC Kyoto 2F Room A)

Cerebrovascular disease1

Chairs : Yoshiaki Itoh

Osaka City University Graduate School of Medicine

Kenichi Todo

Department of Neurology, Osaka University Graduate School of Medicine

O-01-1**The role of Cnm positive Streptococcus mutans in the pathogenesis of intracerebral hemorrhage****Shuichi Tonomura**

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

O-01-2**Low dihomo-gamma-linolenic acid is associated with an unfavorable outcome in cardioembolism****Takeo Sato**

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

- O-01-3** Association of recurrent stroke subtype with medication type of secondary prevention in ESUS
Taizen Nakase
 Stroke Comprehensive Medical Center, Akita University Hospital, Japan
- O-01-4** The impact and risk factors of anemia following acute ischemic stroke therapy
Makiko Tanaka
 Department of Stroke Medicine, JCHO Hoshigaoka Medical Center, Japan
- O-01-5** The role of occludin in Tight Junction in Blood Brain Barrier after stroke
Shintaro Sugiyama
 Department of Neurology, Graduate School of Medicine, Osaka University, Japan
- O-01-6** Examination of regulation of expression of nAChR by TMEM35 after cerebral ischemia
Tsutomu Sasaki
 Department of Neurology, Graduate School of Medicine, Japan

O-02 Oral Session 02**En**

May 19 (Wed) 16:30 ~ 18:00

Room 05 (ICC Kyoto 2F Room B-1)

Cerebellar ataxia and Myelopathy1

Chairs : Yasushi Osaki

Department of Neurology, Kochi Medical School Hospital

Makito Hirano

Kindai University Faculty of Medicine, Department of Neurology

- O-02-1** Early dysregulation of connexins in astroglia and oligodendroglia in multiple system atrophy
Katsuhisa Masaki
 Department of Neurology, Kyushu university, Japan
- O-02-2** A novel device to evaluate upper limb ataxia in the patients with spinocerebellar degeneration
Yoshiyuki Kishimoto
 Department of Neurology, Nagoya University Graduate School of Medicine, Japan
- O-02-3** What are the roles of TGGAA penta-nucleotide repeats as bidirectional transcripts in SCA31?
Miwa Higashi
 Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan
- O-02-4** Elimination of CSF1R-positive microglia exacerbates a novel mouse model of multiple system atrophy
Yuji Nishimura
 Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

O-02-5 Eye-hand coupling in reaching tasks is impaired in spinocerebellar ataxia

Satomi Inomata-terada

Department of Medical Physiology, Kyorin University, Japan

O-02-6 Expression of thymidine kinase 2 gene in human SCA31 cerebellum

Hanako Aoki

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

O-03 Oral Session 03

En

May 19 (Wed) 16:30 ~ 18:00

Room 06 (ICC Kyoto 2F Room B-2)

Neuroimmunology1

Chairs : Takashi Yamamura

National Institute of Neuroscience, NCNP

Tomoko Okamoto

National Center of Neurology and Psychiatry

★ O-03-1 Astroglial Connexin 43 Is A Novel Therapeutic Target for Chronic Multiple Sclerosis Model

(APe-01-2)

Ezgi Ozdemir

Kyushu University, Japan

O-03-2 Blood-brain barrier-breakdown in myelin oligodendrocyte glycoprotein antibody associated disorders

Fumitaka Shimizu

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

O-03-3 Igaratimod improves a secondary progressive multiple sclerosis model by therapeutic administration

Satoshi Nagata

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

O-03-4 CSF antibody titers are associated with the prevalence of brain lesion and inflammation in MOGAD

Yuki Matsumoto

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

O-03-5 The increased expression of C5a receptor on peripheral blood B cells in NMOSD

Ryusei Nishigori

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

O-03-6 Serum GFAP, but not S100B or neurofilament light chain, predicts future relapses in NMOSD

Mitsuru Watanabe

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

Dementia1

Chair : Hisatomo Kowa
Kobe University Graduate School of Health Sciences

O-04-1 Clinical symptoms and prognosis of primary naPPA:
Investigation of 55patients

Mika Otsuki
Faculty of Health Sciences, Hokkaido University Graduate School of Health Science, Japan

O-04-2 Association between brain healthcare quotient (BHQ) and cognitive
function

Yuriko Nakaoku
Department of Preventive Medicine and Epidemiology, National Cerebral and Cardiovascular
Center, Japan

O-04-3 A clinical study of impaired recall of Kanji in mild Alzheimer's
disease using CSF biomarkers

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

O-04-4 Characteristics of general higher brain function tests in Parkinson's
disease

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

O-04-5 Visual hallucination-like illusions evoked by the pareidolia test in
Parkinson disease

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

O-04-6 The neuronal brain network of singing disability

Yoko Sunami
Tokyo Metropolitan Neurological Hospital, Japan

Neuroscience1

Chairs : Katsuichi Miyamoto
Department of Neurology, Kindai University School of Medicine
Takuya Matsushita
Department of Neurology, Kyushu University Hospital

O-05-1 ATP induces neuropathic pain in neuromyelitis optica spectrum
disorder through microglial activation

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

O-05-2 IL-6 blockade inhibited the NMO-IgG-induced BBB dysfunction, leading to prevention of onset of NMOSD
Yukio Takeshita
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

O-05-3 Effects of sera in NMO, MOG, and MS on IgG translocation to central nervous system
Miwako Fujisawa
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

O-05-4 Intracerebral transferability of satralizumab in NMO using a new multi-cultured in vitro BBB model
Kinya Matsuo
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

O-05-5 Mechanism of neurodegeneration in TTR E61K amyloid neuropathy: electron microscopic study
Tatsufumi Murakami
 Department of Neurology, Kawasaki Medical School, Japan

O-05-6 Neuroprotective Crosstalk between Neurotrophic and Innate Immune Receptors induced by an Analgesic
Tatsuro Mutoh
 Dept. of Neurology and Neuroscience, Fujita Health University Hospital, Japan

O-06 Oral Session 06

Jp

May 19 (Wed) 16 : 30 ~ 18 : 00

Room 09 (ICC Kyoto 1F Sakura Hall)

miscellaneous

Chair : Akihiro Kawata
 Department of Neurology, Tokyo Metropolitan Neurological Hospital

O-06-1 Genetic Counselling for TTR-FAP: A Retrospective Study
Katsuya Nakamura
 Center for Medical Genetics, Shinshu University Hospital, Japan / Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan / Department of Medical Genetics, Shinshu University School of Medicine, Japan

O-06-2 Preemptive approach for neurological common diseases
Kinya Ishikawa
 Center for Personalized Medicine for Healthy Aging, Tokyo Medical and Dental University, Japan

O-06-3 Correlation of MYD88 Mutations in Central Nervous System Lymphoma with Clinical Indicators
Kenichiro Murate
 Department of Neurology, Fujita Health University School of Medicine, Japan

O-06-4 Team based learning in medical school education using online system-based on Parkinsonism-

Yoshiyuki Mitsui

Kindai University Department of Neurology, Japan / Kindai University Center for Medical Education, Japan

O-06-5 Attitudes towards telemedicine of patients with Parkinson's disease during the COVID-19 pandemic

Motoshige Okajima

Department of Neurology Fukuoka University, Japan

O-06-6 Outcome of outpatient clinic for essential tremor(ET) and focused ultrasound surgery(FUS) for ET

Takahiro Ouchi

Shin-yurigaoka General Hospital Department of Neurology, Japan / Nippon Medical School Department of Neurology, Japan

O-07 Oral Session 07

Jp

May 19 (Wed) 16:30 ~ 18:00

Room 10 (ICC Kyoto 1F Swan Hall)

Motor neuron disease1

Chair : **Mitsuya Morita**

Jichi Medical University Hospital, Rehabilitation Center

O-07-1 Disease progression speed and nerve excitability properties in spinal and bulbar muscular atrophy

Kazumoto Shibuya

Department of Neurology, Chiba University Hospital, Japan

O-07-2 Assessment of patient-reported suffering using ALS Palliative Care Scale in patients with ALS

Toshio Shimizu

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-07-3 An analysis of nerve conduction study and clinical parameters in amyotrophic lateral sclerosis

Masayuki Sato

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

O-07-4 The significance of dopamine transporter scintigraphy in ALS

Kentaro Hayashi

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-07-5 Intervention from palliative care team for patients with amyotrophic lateral sclerosis

Kazuya Takahashi

National Hospital Organization Iou National Hospital, Hokuriku Brain & Neuromuscular Disease Center, Department of Neurology, Japan

- O-07-6** Experience of nusinersen treatment to adult patients with spinal muscular atrophy
 Toshio Saito
 Division of Child Neurology, Department of Neurology, National Hospital Organization Osaka Toneyama Medical Center, Japan

O-08 Oral Session 08

En

May 19 (Wed) 16:30 ~ 18:00

Room 11 (ICC Kyoto 1F Room 157)

Clinical Neurophysiology1

Chairs : Shozo Tobimatsu
 Dept. of Orthoptics, Faculty of Medicine, Fukuoka International University of Health and Welfare
 Yasuo Terao
 Department of Medical Physiology, Kyorin University

- O-08-1** Characteristics of interareal cortical networks created with late cortico-cortical evoked potential

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

- O-08-2** Deep learning approach to infer conduction velocity distribution in demyelinating neuropathies

Hiroyuki Nodera
 Department of Neurology, Kanazawa Medical University, Japan / Department of Neurology, Tenri Hospital

- O-08-3** Living or non-living at the early-stage in mesoscale network dynamics during visual recognition

Kiyohide Usami
 Department of Epilepsy, Movement Disorders and Physiology, Kyoto University Graduate School of Medicine, Japan

- O-08-4** Anatomic-functional correlation of language areas: principal component analysis of mapping findings

Mayumi Otani
 Department of Neurology, Graduate school of Medicine, Kyoto University, Japan

- O-08-5** Utility of the Clustering Index method for diagnosing neuromuscular disorders as compared with EMG

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

- O-08-6** STN-DBS modulate urinary afferent signal by changing the activity of mPFC in PD model rat

Tatsuya Yamamoto
 Department of Rehabilitation Sciences, Chiba Prefectural University of Health Sciences, Japan / Department of Neurology, Chiba University Graduate School of Medicine, Chiba, Japan

Cerebrovascular disease2

Chair : Masaru Matsui

Department of Neurology, Otsu Red-Cross Hospital

O-09-1 Current status of acute stroke care in rural region in Japan

Kumiko Miura

Department of Neurology, Jichi Medical University Hospital, Japan

O-09-2 Clinical features and prognosis of isolated shoulder palsy due to cerebral infarction

Keisuke Tachiyama

Teikyo University School of Medicine, Department of Neurology, Japan

O-09-3 A correlation between RNF213 related vasculopathy with small vessel disease

Tetsuya Chiba

Department of Neurology, National Cerebral and Cardiovascular Center, Suita, Japan

O-09-4 Survey of poststroke urinary retention

Hideo Terasawa

Department of neurology, Hyogo brain and heart center, at Himeji, Japan

O-09-5 MRI findings in vestibular symptoms as initial manifestation of medial medullary infarction

Hiromasa Tsuda

Department of Neurology, Tokyo Metropolitan Health and Medical Corporation Toshima Hospital, Japan

O-09-6 Factors associated with delay in the first response to the in-hospital stroke

Hiroyuki Kida

Division of neurology, Department of internal medicine, the Jikei university of school of medicine, Japan

O-10 Oral Session 10**Neurorehabilitation**

Chair : Kazuo Abe

Hyogo College of Medicine Hospital

O-10-1 A multiple sclerosis prognostication model based on artificial intelligence

Yusei Miyazaki

Department of Neurology, NHO Hokkaido Medical Center, Japan / Department of Clinical Research, NHO Hokkaido Medical Center, Japan

O-10-2 The effect of a motor assist glove rehabilitation for hand function in ALS

Isamu Yamakawa

Department of Neurology, Shiga University of Medical Science, Japan

O-10-3 Relationship between the number of turns and the skeletal muscle mass index in Parkinson's disease

Osamu Yamamura

Department of Neurology, University of Fukui Hospital, Japan / Department of Community Medicine, Faculty of Medical Science, University of Fukui, Japan / Sugita Genpaku Memorial Obama Municipal Hospital, Japan

O-10-4 Clinical outcome of patients with Guillain-Barré syndrome in the rehabilitation hospital

Tomoko Ikkaku

Hyogo Prefectural Rehabilitation Central Hospital, Japan

O-10-5 Swallowing function in three cases of Creutzfeldt-Jakob disease with long term oral intake

Kenjiro Kunieda

Department of Neurology, Gifu University Graduate School of Medicine, Japan / Department of Rehabilitation, Hamamatsu City Rehabilitation Hospital, Japan

O-10-6 Effects of training supported by real-time feedback-driven movable platform in Parkinson disease

Akira Yokote

Department of Neurology, Fukuseikai Minami Hospital, Japan / Department of Neurology, Fukuoka University School of Medicine, Japan

O-11 Oral Session 11

Jp

May 19 (Wed) 16:30 ~ 18:00

Room 14 (ICC Kyoto 5F Room 553)

Parkinsonism and Related disorders1

Chair : Tomoko Oeda

NHO Utano National Hospital, Clinical Research Center

O-11-1 The relationship among neuromelanin-sensitive MRI, QSM and symptoms in Parkinson's disease

Keita Matsuura

Department of Neurology, Mie University, Japan

O-11-2 Transfer of motor learning in Parkinson's disease

Naohisa Ueda

Department of Neurology, Yokohama City University Medical Center, Japan

O-11-3 Examination of the usefulness of MASA in Parkinson's disease

Masaki Suenaga

Department of Rehabilitation, Chuzan Hospital, Okinawa, Japan

O-11-4 Motor symptom's improvement of rasagiline for sporadic Parkinson's disease

Tatou Iseki

Juntendo University School of Medicine Department of Neurology, Japan

O-11-5 Stuttering in patients with Parkinson's disease

Jinichi Nunomura

Department of Neurology, Aomori Shintoshu Hospital, Japan

- O-11-6** Nigrostriatal dopaminergic dysfunction and midbrain atrophy in spinocerebellar ataxia type 31
 Ryohei Norioka
 Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-12 Oral Session 12

Jp

May 20 (Thu) 9:45 ~ 10:45

Room 02 (ICC Kyoto 1F Annex Hall 1)

Cerebrovascular disease3

Chair : Keisuke Imai
 Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital

- O-12-1** Prospective study of microembolism and cognitive function after ablation of atrial fibrillation

Natsuko Kato
 Department of Neurology, Mie University, Japan

- O-12-2** Effect of decreased TEE during the COVID-19 epidemic on the diagnosis of acute ischemic stroke

Naoya Yamazaki
 Department of Neurology, Iwate prefectural central hospital, Japan

- O-12-3** Left atrial thrombus is a poor prognostic factor in stroke with non-valvular atrial fibrillation

Miyu Usui
 Jichi Medical University Hospital Department of Neurology, Japan

- O-12-4** Characteristics of patients with ESUS in which DVT was detected by ultrasonography

Takuma Kato
 Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital, Japan

O-13 Oral Session 13

Jp

May 20 (Thu) 9:45 ~ 10:45

Room 03 (ICC Kyoto 1F Annex Hall 2)

Parkinsonism and Related disorders2

Chair : Hideyuki Sawada
 Utano National Hospital, NHO

- O-13-1** Analysis of heart rate variability by using wearable devices in Parkinson's disease

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

- O-13-2** Assessment of non-motor symptoms in patients with de novo Parkinson's disease by MASAC-PD31

Keiji Yamaguchi
 Ichinomiya Nishi Hospital, Japan

O-13-3 Vitamin B6 in patients with Parkinson disease

Eriko Yokoyama

Department of Rehabilitation, Akita Prefectural Center for Rehabilitation and Psychiatric Medicine, Akita, Japan

O-13-4 Symptoms of PD patients with initial treatment with MAO-B inhibitor and small dose of L-dopa

Fusako Yokochi

Department of Neurology Tokyo Metropolitan Neurological Hospital, Japan

O-14 Oral Session 14

En

May 20 (Thu) 9:45 ~ 10:45

Room 04 (ICC Kyoto 2F Room A)

Epilepsy1

Chairs : Kiyohito Terada

Yokohama Minoru Epilepsy & Developmental Clinic

Taira Uehara

Department of Neurology, International University of Health and Welfare
Narita Hospital

O-14-1 A promising physiological guide before RNS therapy:
cortical responses to electrical stimulation

Katsuya Kobayashi

Epilepsy Center, Cleveland Clinic Neurological Institute / Department of Neurology, Kyoto University Graduate School of Medicine, Japan

O-14-2 The features of elderly-onset temporal lobe epilepsy with amygdala or hippocampal enlargement

Hirofumi Takeyama

Department of Respiratory Care and Sleep Control Medicine, Kyoto University, Japan

O-14-3 Sleep apnea syndrome should be included in the differential diagnosis of first-ever seizure or LOC

Hidehiro Shibayama

Department of Neurology, Kamada Medical Center, Japan

O-14-4 Red slow in epilepsy surgery:
Interictal co-occurrence of slow and high frequency activity

Masako Daifu-kobayashi

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

Dementia2

Chairs : Naohiro Egawa
 Department of Neurology, Kyoto University Graduate School of Medicine
 Kazuo Washida
 Department of Neurology, National Cerebral and Cardiovascular Center

- ★ O-15-1 Transferability and sustainability of tDCS on sleep quality and cognition in preclinical dementia
 (APe-01-6)

Hanna Lu
 The Chinese University of Hong Kong

- O-15-2 Loss of White Matter Capillary Pericytes in Vascular Dementias and Alzheimer's Disease

Yoshiki Hase
 Neurovascular Research Group, Translational and Clinical Research Institute, Newcastle University, United Kingdom

- O-15-3 A single administration of perampanel reduces ISF beta-amyloid levels in the hippocampus of J20 mice

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

- O-15-4 Conversion from cilostazol to OPC-13015 linked to mitigation of cognitive impairment

Satoshi Saito
 Department of Neurology, National Cerebral and Cardiovascular Center, Japan

Motor neuron disease2

Chairs : Hirofumi Yamashita
 Japanese Red Cross Wakayama Medical Center
 Takashi Ayaki
 Neurology, Kyoto University Hospital

- O-16-1 In vivo models of pathological TDP-43 transmission

Yohei Iguchi
 Dept of Neurology, Nagoya University, Japan

- O-16-2 Biological phase separation in neurological disorders

Eiichiro Mori
 Department of Future Basic Medicine, Nara Medical University, Japan

- O-16-3 Monomerization of TDP-43 is a key determinant for inducing TDP-43 pathology in ALS

Kotaro Oiwa
 Department of Neuroscience and Pathobiology, Research Institute of Environmental Medicine, Nagoya University, Japan / Department of Neurology, Nagoya University Graduate School of Medicine, Japan

O-16-4

Hypoxic stress visualized in the cervical spinal cord of ALS patients

Toru Yamashita

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

O-17 Oral Session 17

Jp

May 20 (Thu) 9:45 ~ 10:45

Room 07 (ICC Kyoto 1F Room D)

Neuromuscular junction disorders

Chair : Takahisa Tateishi

Department of Medicine, Division of Respiratory, Neurology, and Rheumatology, Kurume University School of Medicine

O-17-1

Epidemiological study of Lambert-Eaton myasthenic syndrome 2018

Hiroaki Yoshikawa

Kanazawa University Health Service Center, Japan

O-17-2

Ultra-late-onset myasthenia gravis is a distinctive disease endotype that requires intensive cares

Asato Tsuji

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

O-17-3

The association serum level of soluble co-stimulatory molecules and clinical status in MG patients

Hiroyuki Akamine

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

O-17-4

Eculizumab treatment in gMG patient in Japan: interim report from post-marketing surveillance

Kimiaki Utsugisawa

Department of Neurology, Hanamaki General Hospital, Japan

O-18 Oral Session 18

Jp

May 20 (Thu) 9:45 ~ 10:45

Room 08 (ICC Kyoto 1F Room E)

Neuropathology

Chair : Mitsuru Sanada

Department of Neurology, Shiga University of Medical Science

O-18-1

Clinicopathological features of sarcoid peripheral neuropathy

Naohiro Mouri

Nagoya University Graduate School of Medicine Department of Neurology, Japan

O-18-2

Paraneoplastic NMOSD associated with Teratoma: A case report and literature review

Ryotaro Ikeguchi

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

O-18-3 The behavior of neutrophils in vasculitic neuropathies:
an ultrastructural study

Haruki Koike

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

O-18-4 Clinicopathological findings of a C-ANCA-associated neuropathy

Hiroki Takeuchi

Department of Neurology, NHO Minami Kyoto Hospital, Japan

O-19 Oral Session 19

Jp

May 20 (Thu) 9:45 ~ 10:45

Room 09 (ICC Kyoto 1F Sakura Hall)

Clinical trial and Regenerative medicine1

Chair : Yasushi Okada

Department of Cerebrovascular Disease and Neurology, National Hospital
Organization Kyushu Medical Center

O-19-1 NIHSS 24 hours after mechanical thrombectomy is related to an
outcome

Takehiro Katano

Department of Neurology, Saitama Cardiovascular and Respiratory Center, Japan / Department
of Neurology, Nippon Medical School Hospital, Japan

O-19-2 Treatment strategies are associated with disability and thalamic
volume in multiple sclerosis

Hiroaki Yokote

Department of Neurology, Nitobe Memorial Nakano General Hospital, Japan / Department of
Neurology and Neurological Sciences, Tokyo Medical and Dental University, Japan

O-19-3 Mechanical thrombectomy without vs. with intravenous thrombolysis
in acute stroke ~Skip Study~

Kazumi Kimura

Department of Neurology, Nippon Medical School, Japan

O-19-4 One-year outcomes of post-stroke epilepsy patients:
an association with seizure recurrence

Hajime Yoshimura

Department of Neurology, Kobe City Medical Center General Hospital, Japan

Parkinsonism and Related disorders3

Chairs : Toshimasa Yamamoto

Department of Neurology, Saitama Medical University

Nobukatsu Sawamoto

Department of Human Health Sciences, Kyoto University Graduate School of Medicine

O-20-1 The absence of orthostatic heart rate increase and cognitive impairment in Parkinson's disease

Ryota Tanaka

Stroke Center and Division of Neurology, Department of Medicine, Jichi Medical University, Japan / Department of Neurology, Juntendo University, Japan

O-20-2 Gray matter atrophy in early Parkinson's disease with orthostatic hypotension

Tomotaka Shiraishi

Department of Neurology, Jikei University School of Medicine, Japan

O-20-3 In vivo chronological changes in neuroinflammation after zonisamide therapy in Parkinson's disease

Yasuomi Ouch

Dept of Biofunctional Imaging, Hamamatsu University School Medicine, Japan

O-20-4 Long-term outcome of DBS patients in whom voltage setting IPG was exchanged with current setting IPG

Katsuo Kimura

Department of Neurology, Yokohama City University Medical Center, Japan

Neuroimaging1

Chairs : Masahiko Suzuki

The Jikei University Katsushika Medical Center Department of Neurology

Takaaki Hattori

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

O-21-1 Clinical correlates of basal forebrain neurodegeneration in Parkinson's disease

Haruhi Sakamaki

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

O-21-2 Widespread cortical thinning precedes cognitive symptoms in Parkinson's disease: a 7T-MRI study

Kenji Yoshimura

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

O-21-3 Micro-structural alteration of substantia nigra in Parkinson's disease; a 7 tesla MRI study

Atsushi Shima

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

O-21-4 Diagnosis of BAD by Detection of Atheromatous Plaque with DANTE-prepared T1 Black- Blood Imaging

Naoki Takayama

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

O-22 Oral Session 22

Jp

May 20 (Thu) 9:45 ~ 10:45

Room 12 (ICC Kyoto 1F Room C-1)

Neuroimmunology2

Chair : Takashi Ohashi

Department of Neurology, Tokyo Women's Medical University Yachiyo
Medical Center

O-22-1 Characteristics of multiple sclerosis associated with cognitive impairment in early stage

Shun Akaike

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

O-22-2 Correlation between astrocyte metabolism and cognitive function in NMOsd and MS

Tatsusada Okuno

Department of Neurology, Osaka University, Japan

O-22-3 Expansions of DN2 cells reflect disease activity in anti-AQP4 antibody positive NMOSD

Ritsu Akatani

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

O-22-4 Beneficial Effect of Lift Ware® on tremor in feeding activity

Masanori Nagaoka

Yushikai Rehabilitation Tsubasano-ie Hospital, Japan

O-23 Oral Session 23

Jp

May 20 (Thu) 9:45 ~ 10:45

Room 13 (ICC Kyoto 1F Room C-2)

Clinical Neurophysiology2

Chair : Takahiro Mezaki

Department of Neurology, Sakakibara Hakuho Hospital

O-23-1 Paradoxical wrist flexion:
a new test to detect functional weakness of the upper limb

Masahiro Sonoo

Department of Neurology, Teikyo University School of Medicine, Japan

O-23-2 Evaluation with Shear Wave Elastography(SWE) on cervical dystonia
Atsushi Hara

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

O-23-3 Could decremental responses on adult ocular myasthenia gravis
transform to generalized form?

Hiroto Suetoh

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

O-23-4 Chronological changes of blood pressure in patients with Parkinson's
disease (the second report)

Kazumasa Shindo

Department of Neurology, University of Yamanashi, Japan

O-24 Oral Session 24

Jp

May 20 (Thu) 9:45 ~ 10:45

Room 14 (ICC Kyoto 5F Room 553)

Medical care for intractable diseases and others

Chair : Kenya Murata

Center for Educational Research and Development

O-24-1 Hopeful dedication to the future through autopsy on the deceased at
home-progress report-

Toshiki Uchihara

Neurology, Nitobe Memorial Nakano General Hospital, Japan

O-24-2 Neurological impairments and prognostic factors in severe type of
xeroderma pigmentosum group A

Takehiro Ueda

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

O-24-3 Clinical features in acute hepatic porphyrias utilizing nationwide
hospital claims database in Japan

Yutaka Horie

Department of Gastroenterology, Gotsu General Hospital, Japan

O-24-4 Clinical practice in pediatric-to-adult health care transition for
neurological disease patients

Yoko Mochizuki

Department of Neurology, Tokyo Metropolitan Kita Medical and Rehabilitation Center for the Disabled, Japan

Neuroinfection

Chair : Hitaru Kishida
Yokohama City University Medical Center

O-25-1 Efficacy and limitation of shotgun metagenomic sequencing for neuroinfection

Yusuke Sakiyama
Department of neurology, Kagoshima university, Japan

O-25-2 Analysis of biomarkers in CSF of human prion disease patients

Katsuya Satoh
Department of Health Sciences, Unit of Rehabilitation Sciences, Nagasaki University Graduate School of Biomedical Sciences, Japan

O-25-3 Mefloquine discontinuation criteria and follow-up plan in progressive multifocal leukoencephalopathy

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

O-25-4 Arterial spin labeling hypoperfusion observed in cortical regions of Creutzfeldt-Jakob disease

Yuki Kitazaki
Second Department of Internal Medicine, Faculty of Medical Sciences, University of Fukui, Japan

O-25-5 Factors leading to discrepancies between meningeal irritation signs and CSF pleocytosis

Saori Adachi- Abe
Nitobe Memorial Nakano General Hospital, Japan

O-25-6 The importance of oral hygiene in the clinical practice of coronavirus disease 2019 (COVID-19)

Yoko Warabi
Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

Dementia3

Chair : Akira Tamaoka
Department of Neurology, Faculty of Medicine, University of Tsukuba

O-26-1 Association between modifiable lifestyle factors and PET imaging

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

O-26-2 Efficacy of novel marker, MR-pro ADM, in mild cognitive impairment with intracranial microbleeds

Nagato Kuriyama

Departments of Epidemiology for Community Health and Medicine, Research Institute for Neurological diseases and Geriatrics, Kyoto Prefectural University of Medicine, Kyoto, Japan

O-26-3 Comparison with I23I-IMP SPECT and s-Amyloid beta in the diagnosis of Alzheimer dementia

Makiko Seto

Department of Neurology, Nagasaki Kita Hospital, Japan

O-26-4 Possible novel dementia diagnosis tool combining biological activity data and deep learning

Naohiro Egawa

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

O-26-5 MEG activity of the DLPFC during optic flow stimulations discriminates MCI from healthy elderly

Moeko Shinohara

Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences, Japan / Department of Preemptive Medicine of Dementia, Kanazawa University Graduate School of Medical Sciences, Japan

O-26-6 Progress pattern of Alzheimer's disease based on longitudinal changes of CSF biomarkers

Kensaku Kasuga

Department of Molecular Genetics, Brain Research Institute, Niigata University, Japan

O-27 Oral Session 27

En

May 21 (Fri) 9:45 ~ 11:15

Room 04 (ICC Kyoto 2F Room A)

Parkinsonism and Related disorders4

Chairs : Shigeki Arawaka

Department of Internal Medicine IV, Division of Neurology, Osaka Medical College

Kenjiro Ono

Department of Neurology, Showa University School of Medicine

O-27-1 Drosophila model for parkinsonism by targeting phosphoglycerate kinase

Takashi Kasai

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

★ O-27-2 Altered peripheral clock genes and sleep and wakefulness disturbances in Parkinson disease (APe-01-1)

Tianbai Li

First Affiliated Hospital, Dalian Medical University, China

O-27-3 Loss of CHCHD2 causes inclusion body formation and dopaminergic neuronal loss in aged mice

Shigeto Sato

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

O-27-4 MicroRNA-30e-5p is a potential biomarker for Parkinson disease by targeting NLRP3 gene

Weidong Le

First Affiliated Hospital, Dalian Medical University, China / Institute of Neurology, Sichuan Academy of Medical Sciences, Sichuan Provincial Hospital, China

O-27-5 Fatty acid-binding protein 7 mediates the psychosine toxicity in oligodendrocytes

Kohji Fukunaga

Tohoku University Graduate School of Pharmaceutical Sciences, Japan

O-27-6 Decreased functional integrity within striatum and sensorimotor network in Parkinson disease

Takaaki Hattori

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

O-28 Oral Session 28

En

May 21 (Fri) 9:45 ~ 11:15

Room 05 (ICC Kyoto 2F Room B-1)

Neuroscience2

Chairs : Jun Kawamata

Department of Neurology, Kitasato University

Hiroaki Adachi

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

O-28-1 Motor nerve organoid is useful tool to analyze axonal degeneration of ALS

Naoki Suzuki

Department of Neurology, Tohoku University, Japan

O-28-2 Altered exosome levels affect alpha synuclein accumulation and propagation in brains

Taiji Tsunemi

Department of Neurology, Juntendo University School of Medicine, Japan

O-28-3 HIF1A-dependent autophagy mitigates alpha-synuclein pathology and cognitive impairment

Tatsuo Mano

Department of Neurology, The University of Tokyo Hospital, Japan

O-28-4 Cellomics-neurology by CUBIC, 3D immunostaining and high-speed imaging at whole-brain scale

Tomoki Mitani

Laboratory for Synthetic Biology, RIKEN Center for Biosystems Dynamics Research, Japan / Departments of Neurology, Osaka University Graduate School of Medicine, Japan

O-28-5 A new mitochondrial quality control system mediated by extracellular release

Kensuke Ikenaka

Osaka University Graduate School of Medicine, Japan

O-28-6 Anti-dyskinetic effects of zonisamide via downregulation of 5-HT1A/1B receptors and 5-HT transporter

Rie Tohge

Department of Neurology, Kansai Medical University, Japan

O-29 Oral Session 29

En

May 21 (Fri) 9:45 ~ 11:15

Room 06 (ICC Kyoto 2F Room B-2)

Clinical trial and Regenerative medicine2

Chairs : Makoto Matsui

Department of Neurology, Kanazawa Medical University

Ichiro Nakashima

Department of Neurology, Tohoku Medical and Pharmaceutical University

O-29-1 Safety and tolerability of conversion to siponimod in MS: interim results of the EXCHANGE study

Di Comite Gabriele

Novartis Pharma KK, Tokyo, Japan

O-29-2 Analysis of Efgartigimod Efficacy Across Patient Populations and Myasthenia Gravis Specific Scales

Hiroyuki Murai

International University of Health and Welfare, Japan

O-29-3 Explore the role of CR1 on AD

Xichen Zhu

Department of Neurology, the Affiliated WuXi NO.2 People's Hospital of Nanjing Medical University, Wuxi, China / Department of Neurology, WuXi NO.2 People's Hospital, Affiliated Wuxi Clinical College of Nantong University, Wuxi, China

O-29-4 Bioinformatic analysis for the molecular features of cell-cycle of M.leprae-induced stem cells

Toshihiro Masaki

Center for Medical Education, Teikyo University of Science, Japan

O-29-5 Effect of satralizumab on relapse severity in neuromyelitis optica spectrum disorder (NMOSD)

Manabu Araki

Kawakita General Hospital, Tokyo, Japan

O-29-6 Early onset of efficacy with erenumab for migraine prevention in Japanese patients

Sunfa Cheng

Global Development, Amgen Inc., Thousand Oaks, CA, USA

Epilepsy2

Chair : Yasufumi Kageyama

Hyogo Prefectural Amagasaki General Medical Center

- O-30-1** Features of patients with status epilepticus demonstrating high signal changes in the brain MRI-DWI

Toshi Sai

Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital, Japan

- O-30-2** Postictal perfusion patterns in adult onset focal epilepsy

Kazuki Fukuma

Department of Neurology, National Cerebral and Cardiovascular Center, Japan

- O-30-3** functional anatomy of basal temporal language area:
statistical analysis of clinical brain mapping

Kento Matoba

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

- O-30-4** An investigation of the patients who entry the EURAP in our hospital

Yoko Aburakawa

Nakamura Memorial Hospital Department of Neurology, Japan

- O-30-5** Association of contralateral cerebral perfusion using ASL with the postictal state in focal epilepsy

Takeshi Araki

Division of Neurology, Hyogo Brain and Heart Center at Himeji, Japan

- O-30-6** HFO analysis in intractable temporal lobe epilepsy presenting with hypersynchronous pattern

Masahiro Gotoh

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

Clinical Neurophysiology3

Chair : Yuki Hatanaka

Department of Neurology, Teikyo University School of Medicine

- O-31-1** Sudomotor function using SUDOSCAN and clinical presentations in patients with amyloid neuropathy

Teruaki Masuda

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

- O-31-2** Retrospective investigation for significance of MEG results in candidates of epilepsy surgery

Tadashi Okada

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

O-31-3

Large variation of the near-field potential in the tibial nerve compound muscle action potential

Chizuko Oishi

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

O-31-4

Difference between inspiratory and expiratory phases in the phrenic nerve motor response in ALS

Ryo Morishima

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan / Tokyo Metropolitan Institute of Medical Science, Japan / Niigata University Graduate School of Medical and Dental Sciences, Japan

O-31-5

Establishment of standard values for the incremental responses and repetitive nerve stimulation

Yuki Hatanaka

Teikyo University School of Medicine Department of Neurology, Japan

O-31-6

Late repetitive event-related synchronization and desynchronization after giant SEPs

Haruo Yamanaka

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

O-32 Oral Session 32

Jp

May 21 (Fri) 9:45 ~ 11:15

Room 09 (ICC Kyoto 1F Sakura Hall)

Cerebrovascular disease4

Chair : Haruhiko Hoshino

Department of Neurology, Tokyo Saiseikai Central Hospital

O-32-1

Characteristic of ESUS patients detected of paroxysmal Af by insertable electrocardiogram recorder

Hidekazu Yamazaki

Department of Neurology and Neuroendovascular Treatment, Yokohama Shintoshi Neurosurgical Hospital, Japan

O-32-2

Aortic arch plaque and AF are associated with recurrence in patients with acute ischemic stroke

Yuhei Anan

Division of Neurology, Department of Medicine, Jichi Medical University, Japan

O-32-3

A survey of conditions for rt-PA utilization in rural area and isolated remote island

Takafumi Mashiko

Division of Neurology, Department of Internal Medicine, Jichi Medical University, Japan

O-32-4

An investigation of background factors of long insular artery infarction focusing on mode of onset

Kentaro Yoshida

the Department of Neurology, Japanese Red Cross Matsue Hospital, Japan

- O-32-5** Usefulness of TC-CFI for diagnosis of high-risk patent foramen ovale
Hidetaka Mitsumura
Department of Neurology, The Jikei University School of Medicine, Japan
- O-32-6** Examination of Cryptogenic Stroke Patients with Patent Foramen Ovale
Ayane Ohyama
Department of Neurology, Iwate Prefectural Central Hospital, Japan

O-33 Oral Session 33**En**

May 21 (Fri) 9:45 ~ 11:15

Room 10 (ICC Kyoto 1F Swan Hall)

Neuroimmunology3

Chairs : Chiyoko Nohara
Tokyo Metropolitan Health and Medical Treatment Corporation Ebara hospital
Hideyuki Takeuchi
Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine

- O-33-1** Increase of mycobacterium avium subsp. paratuberculosis (MAP) antibody levels in multiple sclerosis
Fumie Hayashi
Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan
- O-33-2** Continued increase of multiple sclerosis and neuromyelitis optica in the 5th nationwide survey
Noriko Isobe
Departments of Neurology and Pediatrics, Graduate School of Medical Sciences, Kyushu University, Japan
- O-33-3** A novel diagnostic marker for secondary progressive multiple sclerosis: Neuro-Astroglial Index
Yuri Nakamura
Department of Neurology, Brain and Nerve Center, Fukuoka Central Hospital, and Translational Neuroscience Center, Graduate School of Medicine, International University of Health and Welfare, Fukuoka, Japan / Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan
- O-33-4** Clinical and immunological investigations in autoimmune encephalitis and its related disorders
Takahiro Iizuka
Department of Neurology, Kitasato University School of Medicine, Japan
- O-33-5** Novel EEG biomarker to distinguish anti-NMDAR encephalitis from other autoimmune encephalitis
Tomotaka Mizoguchi
Division of Neurology, Nihon University School of Medicine, Japan

O-33-6 Management of disease activity and obstetric outcome of pregnancy in a Japanese cohort of MS and NMO

Kaori Yanagawa

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

O-34 Oral Session 34

En

May 21 (Fri) 9:45 ~ 11:15

Room 11 (ICC Kyoto 1F Room 157)

Neurogenetics and Gene therapy

Chairs : Hajime Hara

Wellcare Hara Neurological clinic

Kazumasa Saigoh

Kindai University Hospital, Department of Clinical genetics

O-34-1 Trans-ethnic fine-mapping of the major histocompatibility complex region in Parkinson's disease

Tatsuhiko Naito

Department of Neurology, The University of Tokyo, Japan / Department of Statistical Genetics, Osaka University, Japan

★ O-34-2 Practical approach to the genetic diagnosis of unsolved dystrophinopathies: a stepwise strategy

(APe-01-3)

Zhiying Xie

Department of Neurology, Peking University First Hospital, China

O-34-3 Heteroduplex oligonucleotide mitigates various types of acute CNS toxicities via CSF route

Chunyan Jia

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

O-34-4 Therapeutic effects of an optimized myostatin inhibitory peptide

Yoshihide Sunada

Neurology, Kawasaki Medical School, Japan

O-34-5 A multi-ethnic meta-analysis identifies novel genes, including ACSL5, associated with ALS

Ryoichi Nakamura

Nagoya University, Japan

O-34-6 Restoration of dystrophin ameliorates impaired social behavior and amygdala synapses in mdx⁵² mice

Yasumasa Hashimoto

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

Parkinsonism and Related disorders5

Chair : Satoshi Orimo
Kamiyoga Setagaya Street Clinic

- O-35-1** Effects of the COVID-19 pandemic on the motor symptoms in Parkinson disease: observational study
Mitsuhiro Kainaga
The University of Tokyo Hospital, Department of Neurology, Japan
- O-35-2** Pallidal Deep Brain Stimulation for Patients with Myoclonus-Dystonia
Jun Ikezawa
Department of Neurology, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan., Japan
- O-35-3** Clinical Characteristics of CBD mimics in JAPAN (J-VAC study)
Yuichi Hayashi
Department of Neurology, Gifu University Graduate School of Medicine, Japan
- O-35-4** A Comprehensive Exploration of Clinical Factors Affecting Quality of Life in Parkinson's Disease
Atsuhiko Higashi
Department of Neurology, Fujita Health University, Japan
- O-35-5** Hypomimia in parkinsonism -difference among neurodegenerative disorders-
Yasuo Terao
Department of Medical Physiology, Kyorin University, Japan
- O-35-6** Two cases of late-onset aqueductal stenosis, successfully treated with third ventriculostomy
Sumito Sato
Department of Neurosurgery, Kitasato University School of Medicine, Japan

Cerebellar ataxia and Myelopathy2

Chair : Tohru Matsuura
Division of Neurology, Department of Medicine, Jichi Medical University

- O-36-1** LYST mutations (Chédiak-Higashi syndrome) causing a spastic paraplegia
Mai Tsuchiya
Department of Neurology, Graduate school of Medical Sciences, University of Yamanashi, Japan
- O-36-2** Clinical and imaging features of idiopathic cerebellar ataxia with anti-cerebellar antibodies
Akira Takekoshi
Department of Neurology, Gifu University Graduate School of Medicine, Japan

O-36-3 A clinical and genetic study of SPG31 in Japan

Takanori Hata

Department of Neurology, The University of Yamanashi, Japan

O-36-4 Clinical features of the Japanese cases with SACS variants identified in our gene analyses

Haruo Shimazaki

Faculty of Health & Medical Care, Saitama Medical University/Department of Neurology, Saitama Medical University Hospital, Japan

O-36-5 A Nepalese family with an REEP2 mutation (SPG72): clinical and genetic study

Ryusuke Takaki

Department of Neurology, Iida Hospital, Japan / Department of Neurology, Graduate School of Medical Sciences, University of Yamanashi, Japan

O-36-6 The multicenter study of spastic paraplegia patients treated with ITB therapy

Yuta Ichinose

Department of Neurology, University of Yamanashi, Japan

O-37 Oral Session 37

Jp

May 21 (Fri) 9:45 ~ 11:15

Room 14 (ICC Kyoto 5F Room 553)

Peripheral neuropathy and Metabolic disorders1

Chair : Ken-ichi Kaida

Dept. of Neurology, Saitama Medical Center, Saitama Medical University

O-37-1 Association of serum neurofilament light chain with clinicopathology and NF155 antibody in CIDP

Yuki Fukami

Department of Neurology, Nagoya University, Japan

O-37-2 The analysis of peripheral blood lymphocyte subsets in Guillain Barre syndrome acute phase

Baku Hashimoto

Saitama medical university Saitama medical center, Japan

O-37-3 The utility of nerve ultrasonography and MRI in Chronic inflammatory demyelinating polyneuropathy

Yukari Sekiguchi

JR Tokyo General Hospital, Japan

O-37-4 The tendency of Guillain-Barré syndrome under COVID-19 epidemic

Asuna Fujita

Department of Neurology, Tokyo Metropolitan Bokutoh Hospital, Japan / Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

O-37-5 Maintenance therapy for CIDP : research from adverse events

Yuya Aotsuka

Chiba University Graduate School of Medicine Department of Neurology, Japan

O-37-6 Guillain-Barre syndrome with facial and pharyngeal muscle paralysis after COVID-19 infection

Yuka Chin

Department of Neurology, Tokai University Hachioji Hospital, Japan

O-38 Oral Session 38

Jp

May 22 (Sat) 10:15 ~ 11:45

Room 02 (ICC Kyoto 1F Annex Hall 1)

Neuroimmunology4

Chair : Akiko Ishii

Department of Neurology, Faculty of Medicine, University of Tsukuba

O-38-1 Serum anti-GRP78 antibodies in autoimmune diseases of central nervous system: a candidate biomarker?

Michiaki Koga

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

O-38-2 Susceptibility-weighted magnetic resonance imaging could predict the fate of MOGAD brain lesions

Kimitaka Katanazaka

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

O-38-3 The analysis of irAE in the CNS associated with immune checkpoint inhibitors

Mayumi Kaburagi

Department of Neurology, St. Marianna University School of Medicine, Japan

O-38-4 Real world efficacy of mirabegron for neurogenic bladder in patients with HAM/TSP

Naoki Iijima

St. Marianna University School of Medicine Department of Neurology, Japan

O-38-5 Longitudinal Study of Neuromyelitis Optica Patients Quality of Life Evaluation by Eculizumab

Akihiro Ueda

Fujita Health University School of Medicine Neurology, Japan

O-38-6 Case report of 10 cases of hypertrophic pachymeningitis with long-term follow-up

Kunihisa Kato

FUJITA HEALTH UNIVERSITY HOSPITAL, Japan

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Free Papers (Oral)

Neuroimmunology5

Chair : Hikoaki Fukaura

Saitama Medical Center, Saitama Medical University

- O-39-1 Clinical features of autoimmune glial fibrillary acidic protein astrocytopathy in Japan

Akio Kimura

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

- O-39-2 Seasonal fluctuations of serum vitamin D levels in Japanese patients with multiple sclerosis

Masaaki Niino

Department of Clinical Research, Hokkaido Medical Center, Japan

- O-39-3 Comparison of brain atrophy in conventional MRI of 28 cases of multiple sclerosis

Nanami Yamanaka

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

- O-39-4 Two cases of autoimmune GFAP astrocytopathy requiring differentiation from EB virus encephalitis

Hayato So

Tokyo Women's Medical University Yachiyo Medical Center Neurology, Japan

- O-39-5 Investigation of the association between immune semaphorin Sema4A and DMD responsiveness in MS

Toru Koda

Department of Neurology, Osaka University, Japan

- O-39-6 Maintenance Therapy for Neuroimmunological diseases by regular plasmapheresis

Yusuke Matsumoto

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

Parkinsonism and Related disorders6

Chairs : Seiichi Nagano

Department of Neurotherapeutics, Osaka University Graduate School of Medicine

Takashi Kasai

Department of Neurology, Kyoto Prefectural University of Medicine

- O-40-1 Characteristic of gait disturbance and its neural substrates in Parkinson's disease

Akira Nishida

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

- O-40-2** Dopamine D2 long receptor is crucial for caveola-mediated alpha-synuclein uptake in dopamine neurons
Ichiro Kawahata
Graduate School of Pharmaceutical Sciences, Tohoku University, Japan
- O-40-3** Coculturing NSCs with melanocyte increased its Dopamine and neural factor secretion
Ashok Chakraborty
Allexcel, Inc., USA
- O-40-4** Poly(DOPA)-based nanoparticle prevents rapid excretion of DOPA and improves therapeutic performances
Yukio Nagasaki
Faculty of Pure and Applied Sciences, University of Tsukuba, Japan
- O-40-5** The Profile of Oldest old Parkinson Disease Survivors : Do Age or Disease duration matter?
Sasvimol Virameteekul
Faculty of Medicine, Chulalongkorn University, Thailand
- O-40-6** Istradefylline/L-DOPA combination therapy for Parkinson's disease and glycolytic energy homeostasis
Naomi Kanzato
Okinawa southern medical center, department of neurology, Japan

O-41 Oral Session 41**En**

May 22 (Sat) 10 : 15 ~ 11 : 45

Room 05 (ICC Kyoto 2F Room B-1)

Muscle diseases

Chairs : Takashi Kimura
Department of Neurology, Hyogo College of Medicine
Yoshitsugu Aoki
Department of Molecular Therapy, National Institute of Neuroscience,
National Center of Neurology and Psychiatry (NCNP)

- O-41-1** A nationwide retrospective natural history research of Becker muscular dystrophy
Akinori Nakamura
National Hospital Organization Matsumoto Medical Center, Japan
- O-41-2** TMSB4X and IGF2 down-regulation in dystrophin-deficient cardiomyocyte derived from DMD
Daigo Miyazaki
Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan / Intractable Disease Care Center, Shinshu University Hospital, Japan
- O-41-3** Molecular crosstalk between caveolin 3 and nNOS: implications for Limb-girdle muscular dystrophy IC
Yutaka Ohsawa
Neurology, Kawasaki Medical School, Japan

O-41-4 Metabolome and transcriptome analysis on muscle biopsied samples in sporadic inclusion body myositis

Ayuka Murakami

Nagoya University Hospital, Department of Neurology, Japan / National Hospital Organization Suzuka National Hospital, Department of Neurology, Japan

O-41-5 Evaluation of drug candidates for myotonic dystrophy type 1 using patient iPSCs

Mika Suga

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

O-41-6 Clinical features of inclusion body myositis associated with HTLV-I infection

Satoshi Yamashita

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

O-42 Oral Session 42

En

May 22 (Sat) 10 : 15 ~ 11 : 45

Room 06 (ICC Kyoto 2F Room B-2)

Peripheral neuropathy and Metabolic disorders2

Chairs : Toshiki Fujioka

Toho University Ohashi Medical Center

Sonoko Misawa

Department of Neurology, Chiba University Graduate School of Medicine

O-42-1 A novel tool to detect early pathological changes of hereditary transthyretin amyloidosis

Masamitsu Okada

Department of Neurology, Kumamoto University, Japan

O-42-2 Clinical diversity of patients with neuronal intranuclear inclusion disease (2nd report)

Tomoko Okamoto

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

O-42-3 Prevalence and characterization of anti-contactin-1 antibody-positive CIDP

Hidenori Ogata

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

O-42-4 Indication of autologous stem cell transplantation for POEMS syndrome

Tomoki Suichi

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

O-42-5 The diagnostic addition of the forearm muscle-recording median nerve conduction study in CMT

Yukiko Tsuji

Kyoto Okamoto Memorial Hospital, Japan / Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan

O-42-6 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

O-43 Oral Session 43

En

May 22 (Sat) 10 : 15 ~ 11 : 45

Room 07 (ICC Kyoto 1F Room D)

Dementia4

Chairs : Masafumi Ihara

National Cerebral and Cardiovascular Center

Koki Makioka

Gunma University Hospital : Neurology

O-43-1 Quantitative measurement of CSF A β species by mass spectrometry

Takeshi Kawarabayashi

Dementia Center, Geriatrics Research Institute and Hospital, Japan / Department of Neurology, Gunma University Graduate School of Medicine, Japan

O-43-2 An age-related venous drainage change was accelerated in Alzheimer's disease

Toshihiko Aso

Laboratory for Brain Connectomics Imaging, RIKEN Center for Biosystems Dynamics Research, Japan

O-43-3 Analysis of electronic health records in drug development for Alzheimer's disease

Takayuki Kondo

Center for iPSC Cell Research and Application, Kyoto University, Japan / Medical-risk Avoidance based on iPSC Cells Team, RIKEN Center for Advanced Intelligence Project (AIP), Japan / iPSC-based Drug Discovery and Development Team, RIKEN BioResource Research Center (BRC), Japan

O-43-4 Metal-protein attenuating compound clioquinol decreases oligomeric Tau Tadanori Hamano

Department of Neurology, University of Fukui, Japan

O-43-5 Generation of non-human primate models of Alzheimer's disease

Hiroki Sasaguri

Laboratory for Proteolytic Neuroscience, RIKEN Center for Brain Science, Japan / Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan

O-43-6 Targeting microRNA-125b attenuates AD progression via blocking PTGS2 and CDK5 in FOXQ1 dependent way

Jing-cong Zhuang

Department of Neurology, Zhongshan Hospital Xiamen University, Xiamen, China / School of Medicine, Xiamen University, Xiamen, China

Headache and Sleep disorders

Chair : Toshiya Nakano

Department of Neurology, NHO Matsue Medical Center

- O-44-1** Unmet needs for the acute treatment of migraine in Japan:
Results of OVERCOME (Japan)

Kaname Ueda

Eli Lilly Japan K.K., Japan

- O-44-2** Migraine diagnosis, physician consultation, and treatment patterns in
Japan: OVERCOME (Japan)

Koichi Hirata

Dokkyo Medical University, Japan

- O-44-3** Investigation of headache triggers in migraine patients

Narumi Watanabe

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

- O-44-4** Japanese Clinical Trial Participants' Experiences of Migraine and
Erenumab Treatment

Miki Hasebe

Amgen K.K., Japan

- O-44-5** Longitudinal study of cognitive function in patients with idiopathic
REM sleep behavior disorder

Masayuki Miyamoto

Department of Neurology, Dokkyo Medical University Hospital, Japan / School of Nursing,
Dokkyo Medical University, Japan

- O-44-6** Complications of sleep apnea syndrome in patients with migraine

Hisanao Akiyama

Division of Neurology, Department of Internal Medicine, St. Marianna University School of
Medicine, Japan**Cerebrovascular disease5**

Chair : Yuichiro Ii

Department of Neuroimaging and Pathophysiology, Mie University

- O-45-1** Mid-regional pro-adrenomedullin as a novel biomarker of transient
ischemic attack

Satoshi Hosoki

National Cerebral and Cardiovascular Center, Japan

O-45-2 Persistent high pulse pressure in acute stroke is associated with stroke recurrence

Tadashi Ozawa

Division of Neurology, Department of Medicine, Jichi Medical University, Japan

O-45-3 Association between the aphasia severity and the EEG Phase Synchrony of language-related regions

Teiji Kawano

Department of Neurology, Morinomiya Hospital, Osaka, Japan / Department of Neurology, Graduate School of Medicine, Osaka University, Suita, Japan / Rhythm-based Brain Information Processing Unit, RIKEN CBS-TOYOTA Collaboration Center, RIKEN Center for Brain Science, Wako, Japan

O-45-4 Assessment of Emergency Carotid Artery Stenting in acute ischemic stroke

Takenobu Kunieda

Department of Neurology, Kansai Medical University, Japan

O-45-5 A superior model to serum D-dimer that predicts prognosis in cryptogenic stroke with active cancer

Tesseki Izumi

Department of Neurology, Nara Medical University, Japan

O-45-6 Serum GM-CSF levels are useful in assessing brain lesions associated with microscopic polyangiitis

Shin Ota

Department of Internal Medicine 4, Division of Neurology, Osaka Medical College, Japan

O-46 Oral Session 46

Jp

May 22 (Sat) 10 : 15 ~ 11 : 45

Room 10 (ICC Kyoto 1F Swan Hall)

Clinical trial and Regenerative medicine³

Chair : **Koji Abe**

Department of Neurology, Okayama University

O-46-1 Natalizumab every 7 weeks vs 4 weeks dosing: equivalent efficacy in 335 multiple sclerosis patients

Takahiko Saida

Kansai Multiple Sclerosis Center, Japan / Irino Clinic, Japan / Institute of Multiple Sclerosis Therapeutics, Japan

O-46-2 Development of novel classification method to promote new drug development for ALS

Yuko Kobayakawa

Department of Neurology neurological Institute, Graduate school of Medicine, Kyushu University, Japan / Kyushu University, Center for Clinical and Translational Research, Japan

O-46-3 Safety of Erenumab for Migraine Prevention in Japan: Pooled Analysis of 2 Placebo-Controlled Studies

Fumihiko Sakai

Saitama International Headache Center, Japan

O-46-4 Phase 3 Study of Galcanezumab in Patients with Treatment-Resistant Migraine: Japanese Sub-Population

Yasuhiko Matsumori
Sendai Headache and Neurology Clinic, Japan

O-46-5 EIGHTEEN-MONTH ANALYSIS OF EFFICACY AND SAFETY OF GIVOSIRAN IN THE ENVISION OPEN LABEL EXTENSION

Tomohide Adachi
General Internal medicine and Neurology, Tokyo Saiseikai central Hospital, Japan

O-46-6 FIREFISH: 24-month efficacy and safety of risdiplam in infants with Type 1 spinal muscular atrophy

Yasuhiro Takeshima
Department of Pediatrics, Hyogo College of Medicine, Hyogo, Japan

O-47 Oral Session 47

Jp

May 22 (Sat) 10:15 ~ 11:45

Room 13 (ICC Kyoto 1F Room C-2)

Neuroimaging2

Chair : Reiji Koide
Division of Neurology, Department of Medicine, Jichi Medical University
School of Medicine

O-47-1 Exposure to organic arsenic compounds (diphenylarsinic acid) may promote brain aging

Kazuhiro Ishii
Department of Neurology, University of Tsukuba Hospital, Japan

O-47-2 Usefulness of quantitative susceptibility mapping in differentiating PD from PSP

Fumihiko Banno
Fujita Health University Hospital Neurology, Japan

O-47-3 The significance of arterial bright signals in acute ischemic stroke with large vessel occlusion

Ryoo Yamamoto
Department of Neurology, Yokohama Brain and Spine Center, Japan / Department of Neuro-endovascular therapy, Yokohama Brain and Spine Center, Japan

O-47-4 Analysis of DWI hyperintensities in patients with ESUS

Yasumasa Yamamoto
Department of Neurology, Kyoto Katsura, Japan

O-47-5 Clot meniscus sign: An angiographic predictor of the First Pass Effect in mechanical thrombectomy

Yuki Yamamoto
Department of Neurology, Tokushima University Hospital, Japan

O-47-6

One line method on MRI measurement for differential diagnosis of neurodegenerative disorders

Tomoyuki Miyamoto

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

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Free Papers (Oral)