

## Epilepsy2

Chair : Riki Matsumoto

Division of Neurology, Kobe University Graduate School of Medicine

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O-25-1

Revised Diagnostic algorithm for autoimmune epilepsy: its validation with a retrospective cohort

Mitsuhiro Sakamoto

Kyoto University Graduate School of Medicine, Department of Neurology

- O-25-2**    **Difference of latter and early-stage elderly with status epilepticus**  
**Toshi Sai**  
 Department of Neurology, Kyoto First Red Cross Hospital
- O-25-3**    **Effect of antiepileptic drugs on biochemical markers of bone metabolism**  
**Satoshi Okada**  
 Department of Neurology, Ichikawa General Hospital, Tokyo Dental College
- O-25-4**    **Contribution of functional connectivity to the propagation of seizure activity**  
**Taira Uehara**  
 Department of Clinical Neurophysiology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University
- O-25-5**    **Ictal EEG of transient epileptic amnesia in the acute phase of non-herpetic limbic encephalitis**  
**Namiko Henmi**  
 Japan community health care organization, Hoshigaoka Medical Center / Department of Neurology, Kyoto University Graduate School of Medicine
- O-25-6**    **Intravenous levetiracetam of loading dose for status epilepticus at emergency room**  
**Kazuma Tsuto**  
 Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital

## O-26 Oral Session 26



May 24 (Fri) 9 : 45 ~ 11 : 15    Room 3 (Osaka International Convention Center 10F Conference Room 1003)

### Dementia (iNPH and others)

Chair : Shun Shimohama

Department of neurology, School of Medicine, Sapporo Medical University

- O-26-1**    **The association of cognitive scores after shunt operation and tap test in iNPH patients**  
**Yuki Asahara**  
 Department of Neurology, The Jikei University Katsushika Medical Center
- O-26-2**    **Resting-state networks related to severity of symptoms in idiopathic normal pressure hydrocephalus**  
**Shigenori Kanno**  
 Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University Graduate School of Medicine / Department of Neurology, South Miyagi Medical Center
- O-26-3**    **Image diagnosis of PSP present on the basis of iNPH: concaved tegmentum**  
**Satoru Mori**  
 Matsushita Memorial Hospital, Department of Neurology
- O-26-4**    **clinical examination of left-right difference of hippocampal function**  
**Natsuki Miyakoshi**  
 tokyo metropolitan neurological hospital

O-26-5 Wason selection task in brain damaged  
Mitsuaki Bandoh  
Tokyo Metropolitan Neurological Hospital department of neurology

O-26-6 Three cases of cerebral amyloid angiopathy related microbleeds in memory clinic  
Hisatsugu Tachibana  
Division of Neurology, Kobe University Graduate School of Medicine

**O-27 Oral Session 27**

**Jp**

May 24 (Fri) 9 : 45 ~ 11 : 15 Room 4 (Osaka International Convention Center 10F Conference Room 1001-1002)

**Neuroimaging**

Chair : Takashi Hanakawa  
Department of Advanced Neuroimaging, National Center of Neurology and Psychiatry

O-27-1 The effect of motion artifacts on NIRS data and proposal of a video-NIRS system  
Masayuki Satoh  
Dementia Prevention and Therapeutics, Graduate School of Medicine, Mie University

O-27-2 A study on functional connectivity network in rehabilitation of neurodegenerative diseases  
Hyoh Kim  
Department of Neurology, Shiga University of Medical Science

O-27-3 Related clinical symptoms change and the brain functional binding of Parkinson's disease patients  
Katsuhiko Kadota  
Shimane University Faculty of Medicine Department of Neurology

O-27-4 The characteristics of inflammation of the nasal sinuses in whole brain MRI  
Hikaru Watanabe  
AOI universal hospital health check up

O-27-5 MRI of the tongue in neuromuscular diseases: focusing on ALS  
Hiroyasu Inoue  
Department of Neurology, Nagoya City East Medical Center

O-27-6 Decreased regional cerebral blood flow in patients with diphenylarsinic acid intoxication  
Kazuhiro Ishii  
Department of Neurology, University Hospital of Tsukuba

**Peripheral Neuropathy/Metabolic disorders2**

Chair : Nobuo Kohara

Dept. of Neurology, Kobe City Medical Center, General Hospital

O-28-1 Comparative study of clinical picture of iatrogenic ATTR amyloidosis and hereditary ATTR amyloidosis

Yohei Misumi

Department of Neurology, Kumamoto University

O-28-2 Visualization of nerve activity in the brachial plexus after median and ulnar nerve stimuli

Taishi Watanabe

Ricoh Institute of Future Technology, RICOH COMPANY, Ltd / Department of Orthopaedic surgery, Tokyo Medical and Dental University

O-28-3 The therapeutic challenge of postural tachycardia syndrome

Osamu Iwazaki

Department of Neurology, Tokyo Metropolitan Neurological Hospital

O-28-4 Diagnosis of CTS measurement of magnetic fields after stimulation of the digital nerves

Toru Sasaki

Department of Orthopedic Surgery, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University

O-28-5 Visualization of the lumbar radiculopathy by magnetospinography

Yoshinori Okada

Ricoh Institute of Future Technology, Ricoh Company, Ltd.

O-28-6 The comparison of peak latency and onset latency in sensory comparison methods for CTS diagnosis

Yosuke Miyaji

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

**Neuroimmunology 1 (Basic Research)**

Chair : Ryo Yamasaki

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

Commentator : Philip L. De Jager

Center for Translational &amp; Computational Neuroimmunology and Multiple Sclerosis Center, Department of Neurology, Columbia University Medical Center

O-29-1

**Quantitative measurement of anti-plexin D1 antibodies by enzyme-linked immunosorbent assay**

Takayuki Fujii

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

O-29-2

**Astrocyte-microglial inflammatory circuit is regulated by GSTM1 abundant in astrocytes**

Eisuke Dohi

Johns Hopkins University School of Medicine Department of Psychiatry and Behavioral Sciences, USA / Department of Psychiatry and Behavioral Neurobiology, University of Alabama at Birmingham, Birmingham AL, USA

O-29-3

**The role of Eomesodermin-expressing T-helper cells in neurodegenerative diseases**

Tomomi Kanazawa

Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP), Tokyo, Japan / Department of Neurology, Tsukuba University Graduate School of Medicine, Japan

O-29-4

**Association of HLA-DRB1\*0901 with Japanese patients with chronic progressive neuro-Behçet's disease**

Hirotohi Kikuchi

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

O-29-5

**A novel secondary progressive MS model by oligodendroglia-specific conditional knockout of Cx47**

Yinan Zhao

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Neurology, the First Affiliated Hospital of China Medical University, Shenyang, Liaoning, China

O-29-6

**Up-regulation of connexin43 in astrocytes and dural fibroblasts in hypertrophic pachymeningitis (HP)**

Yiwen Cui

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Neurology, Panjin Central Hospital, Panjin, China, Japan

**Dementia (Epidemiology and prevention)**

Chair : Hisatomo Kowa

Kobe University Graduate School of Health Sciences

Commentator : Gustavo A. Jimenez-maggiore

Alzheimer's Therapeutics Research Institute, University of Southern California, San Diego, CA

**O-30-1 Oral immunization with soybean storage protein containing Abeta4-10 in Alzheimer's model mice**

Takeshi Kawarabayashi

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

**O-30-2 Effects of vitamin B12 on memory function in elderly patients**

Atsushi Kimura

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

**O-30-3 The Mild Behavioural Impairment Checklist for Detection of Neuropsychiatric Symptoms in Dementia**

Sophie Hu

Department of Community Health Sciences, University of Calgary, Calgary, AB, Canada

**O-30-4 Effects of sex, educational background, and CKD grading on longitudinal decline in J-ADNI study**

Atsushi Iwata

The University of Tokyo Hospital Neurology, Japan

**O-30-5 cancelled****O-30-6 Cognition is associated with locomotive impairment: A cross-sectional study in the presenile**

Fumitoshi Niwa

Kyoto Prefectural Univ. of medicine, North Medical Center, Dept. of Neurology, Japan

**Clinical Neurophysiology2**

Chair : Ritsuko Hanajima

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

**O-31-1 Electrophysiological diagnosis of cervical myelopathy by magnetospinography**

Shigenori Kawabata

Dept. of Advanced Technology in Medicine, Tokyo Medical and Dental Univ. / Dept. of Orthopedic Surgery, Tokyo Medical and Dental Univ.

- O-31-2** Visualization of neural activities in lumbar spine after sciatic nerve stimuli by magnetospinography  
**Sukchan Kim**  
 Research and Development Division, RICOH COMPANY, Ltd
- O-31-3** EMG findings in dermatomyositis / polymyositis: The utility of the iliopsoas muscles  
**Keiichi Hokkoku**  
 Department of Neurology, Teikyo University School of Medicine
- O-31-4** The nerve conduction study of Guillan-Barre syndrome:the feature of each criteria  
**Yukari Sekiguchi**  
 Department of neurology, Chiba university
- O-31-5** Diagnosis and clinical course of complex partial seizure and problems of driver's license in Kochi  
**Tomomi Furushima**  
 Department of Neurology, Kochi Medical School, Kochi University
- O-31-6** motor unit estimation of Tibialis Anterior muscle using multi point stimulation method  
**Shinji Morishita**  
 Department of Neurology, Rehabilitation Hnna Chuo Hospital

**O-32 Oral Session 32**

**Jp**

May 24 (Fri) 9 : 45 ~ 11 : 15 Room 9 (Osaka International Convention Center 12F Conference Hall)

**Cerebrovascular disease (Clinical research 3)**

Chair : Shigeru Fujimoto  
 Division of Neurology, Department of Medicine, Jichi Medical University

- O-32-1** Cardiac risk factors in cryptogenic stroke with patent foramen ovale  
**Yohei Tateishi**  
 Department of Neurology and Strokology
- O-32-2** Brain MRI findings in patients with myeloproliferative neoplasms  
**Koichiro Nagai**  
 Department of Neurological Science, Nippon Medical School
- O-32-3** Clinical effects of fatty acid fractionation on discharge outcome of acute cerebral infarction  
**Tesseki Izumi**  
 Department of Neurology, Nara Medical University
- O-32-4** The effect of hemostatics on superficial siderosis -intravenous or oral administration-  
**Naoko Sumi**  
 Hiroshima City Hiroshima Citizens Hospital

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**O-32-5** Clinical investigation of leptomenigeal carcinomatosis  
(second version.)

**Taku Tazuma**

Department of neurology in Hiroshima city Hiroshima citizens hospital

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**O-32-6** Change of radiological finding and cognitive function after catheter  
ablation of atrial fibrillation

**Natsuko Kato**

Department of Neurology, Grauate School of Medicine, Mie University / Department of  
Dementia Prevention and Therapeutics, Graduate School of Medicine, Mie University

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**O-33 Oral Session 33**

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May 24 (Fri) 9 : 45 ~ 11 : 15 Room 10 (Osaka International Convention Center 12F Grande Toque)

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**Clinical trial and Regenerative medicine2**

Chair : Satoshi Kuwabara

Department of Neurology, Graduate school of Medicine, Chiba University

Commentator : Masahiro Nomoto

Saiseikai Imabari, Wefare and Hospital, Director, Neurology

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**O-33-1** Efficacy and safety of satralizumab (SA237) as add-on therapy for  
NMOSD: Results from Phase 3 study

**Takashi Yamamura**

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

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**O-33-2** Taurine for prevention of stroke-like episodes in MELAS: an open-  
label, 4-year phase III trial

**Yoshihide Sunada**

Department of Neurology, Kawasaki Medical School, Japan

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**O-33-3** Baseline Characteristics of Japanese Participants in PASSPORT:  
Phase 2 Study of BIIB092 in PSP

**Yasuo Toda**

Biogen Japan, Tokyo, Japan

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**O-33-4** Molecular epidemiology of spinocerebellar degeneration: J-CAT study

**Yuka Hama**

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

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**O-33-5** Efficacy & Safety of satralizumab in subgroup of Asian-region  
patients with NMOSD in SAKuraSky study

**Manabu Araki**

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

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**O-33-6** Longitudinal study of PSP rating scale and clinical diagnosis in PSP  
cases

**Hiroshi Takigawa**

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

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**Parkinsonism and Related disorders (therapeutics)**

Chair : Taku Hatano

Juntendo university school of medicine

Commentator : Glenda M. Halliday

The University of Sydney Central Clinical School, Brain and Mind  
Centre, Faculty of Medicine and Health**O-34-1 Long term outcome of STN-DBS using Directional mode settings**

Katsuo Kimura

Department of Neurology, Yokohama City University Medical Center, Japan

**O-34-2 Possible relationship between anxiety and sleep disturbances in patients with Parkinson's disease**

Kei Funakoshi

Department of Neurology, Dokkyo Medical University, Japan / Department of Neurology,  
Kamitsuga General Hospital, Japan**O-34-3 Rotigotine protects dopaminergic neurons via astrocytic serotonin 1A receptors**

Ikuko Miyazaki

Dept. of Medical Neurobiology, Okayama Univ. Grad. Sch. of Med., Dent. and Pharmaceut. Sci.,  
Japan**O-34-4 The effect of subthalamic stimulation on Visuo-Motor Sequence Learning in Parkinson's disease**

Yasushi Shimo

Department of Neurology, Juntendo University School of Medicine, Japan / Department of  
Research and Therapeutics for Movement Disorders, Juntendo University, Juntendo University,  
Japan**O-34-5 Pharmacological effect of adenosine A2A receptor antagonist for levodopa-induced dyskinesia**

Naomi Kanzato

Okinawa Prefectural Southern Medical Center &amp; Children's Medical Center, Japan

**O-34-6 Effect of istradefylline on mood disorders in Parkinson's disease**

Hiroshi Nagayama

Department of neurology, Nippon Medical School, Japan

**Myopathy2**

Chair : Ichizo Nishino

Department of Neuromuscular Research, National Institute of Neuroscience,  
NCNP

- O-35-1 PCSK9 inhibitor therapy for patients with immune-mediated necrotizing myopathy and MyD type 1

Hajime Arahata

National Hospital Organization Omuta Hospital, Department of Neurology

- O-35-2 Do not miss treatable congenital myasthenic syndrome due to COLQ mutation (endplate AChE deficiency)

Yasushi Oya

Dept of Neurology, National Center Hosp of Neurology & Psychiatry, National Center of  
Neurology & Psychiatry (NCNP), Japan

- O-35-3 The impairment of excitation-contraction coupling in ICU-acquired weakness

Bungo Hirose

Department of Neurology, Sapporo medical University School of Medicine, Sapporo

- O-35-4 Clinical symptoms and muscle pathology in Nakajo-Nishimura syndrome and inclusion body myositis

Megumi Mori

Department of Neurology Wakayama Medical University / Center for Educational Research and  
Development Wakayama Medical University

- O-35-5 Comparison of EMG findings and recent classifications in dermatomyositis and polymyositis

Junpei Yamamoto

Department of neurology, Teikyo University School of Medicine

- O-35-6 Usefulness of needle electromyogram in diagnosis of myositis: a retrospective observation study

Reika Aoki

Department of Neurology, Dokkyo Medical University

**Neuropathology**

Chair : Haruhiko Akiyama

Yokohama Brain and Spine Center

Commentator : Mari Yoshida

Institute for Medical Science of Aging, Aichi Medical University

- O-36-1 Neurodegenerative effects of prolonged mid-life sleep deprivation in Balb/C mice

Kristine Joyce L. Porto

St. Luke's Medical Center, Japan

O-36-2 Melanoma cell adhesion molecule on CNS lesions of neuromylitis optica spectrum disorders in situ

Fumihito Yanagimura

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

O-36-3 Filamin-A as a novel driver for progressive supranuclear palsy

Koyo Tsujikawa

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

O-36-4 Microangiopathy is Common Pathological Change in Anti-NXP-2 Antibodies positive dermatomyositis

Yilin Liu

Peking University First Hospital, China

O-36-5 Impaired nucleoporins in sporadic ALS motor neurons that exhibit mislocalization of TDP-43

Hitoshi Aizawa

Department of Neurology, Tokyo Medical University, Japan / Department of Neuromolecularpathology, Japan

O-36-6 Myelin oligodendrocyte glycoprotein antibody-associated disease: an immunopathological study

Yoshiki Takai

Department of Neurology, Tohoku University Hospital, Japan

**O-37 Oral Session 37**

**Jp**

May 24 (Fri) 9 : 45 ~ 11 : 15 Room 14 (Osaka International Convention Center 7F Conference Room 701-702)

**Cerebellar ataxia2 (MSA and others)**

Chair : Hidenao Sasaki

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

O-37-1 Prognostic study of multiple system atrophy

Takehiro Ueda

Division of Neurology, Kobe University Graduate School of Medicine

O-37-2 Appropriate orthostatic hypotension criteria for the diagnosis of multiple system atrophy

Yoshitaka Yamanaka

Department of Neurology, Chiba University Graduate School of Medicine

O-37-3 Long-term clinical course of spinocerebellar ataxia type 8(SCA8)

Akihiro Watanabe

Department of Neurology, NHO Omuta Hospital

O-37-4 Efficacy of L-dopa and clinicopathological features of the patients with multiple system atrophy

Chiho Ishida

Department of Neurology, National Hospital Organization Iou Hospital

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O-37-5

Hybrid assistive limb(HAL) improves motor performance in degenerative cerebellar disease

Akira Satoh

Section of Neurology, Nagasaki Kita Hospital

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O-37-6

Characteristics and problems of communication disorder of multiple system atrophy

Megumi Yamada

Department of Neurology and Geriatrics, Gifu University Graduate School of Medicine