

口演

5月20日（金）

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第1会場(神戸国際展示場2号館1F コンベンションホール)

**Dementia (Clinical research 1) 10:15~11:45**

Chair : Yasumasa Ohyagi (Department of Geriatric Medicine and  
Neurology, Ehime University Graduate  
School of Medicine)

Commentator : Tsuyoshi Hamaguchi (Department of Neurology,  
Kanazawa University  
Hospital)

O-27-1 Transcranial Doppler: Method of Evaluating Cognitively  
Impaired and Non-cognitively Impaired Elderly

Speaker : Muktader A. Kalbi  
(Jose R. Reyes Memorial Medical Center)

O-27-2 MCI screening test is correlated with CSF Ab40/Ab42 and  
valuable for MCI clinical trial

Speaker : Yasuhiro Yoshii  
(Department of Neurology Nippon Koukan Hospital)

O-27-3 Diagnostic Accuracy of 123I-MIBG Imaging in DLB After  
Three Years Follow-up: A Multicenter Study

Speaker : Junji Komatsu  
(Department of Neurology and Neurobiology of Aging,  
Kanazawa University Graduate School of Medical Science.)

O-27-4 PiB-PET study focusing on dementia with Lewy bodies and  
Parkinson's disease with dementia

Speaker : Itsuki Hasegawa  
(Department of Neurology, Osaka City University Graduate  
School of Medicine)

O-27-5 Vitamin B 12 Supplement may have an effect on cognition:  
VITATOPs, a randomized controlled study

Speaker : Kaavya Narasimhalu  
(Department of Neurology, National Neuroscience Institute,  
SGH Campus, Singapore/Department of Pharmacology,  
National University of Singapore, Singapore)

O-27-6 Apomorphine improves memory function and insulin resistance in Alzheimer's disease

Speaker : Yasumasa Ohyagi

(Department of Geriatric Medicine and Neurology, Ehime University)

## 第2会場 (神戸国際展示場1号館2F 展示室A)

### 脳血管障害 (病態) 10:15~11:45



座長：井口 保之（東京慈恵会医科大学 神経内科）

O-28-1 脳アミロイドアンギオパチー患者におけるPIB集積の検討  
演者：三野 俊和（大阪市立大学病院 神経内科）

O-28-2 脳出血症例における炎症マーカーの検討  
演者：中瀬 泰然（秋田県立脳血管研究センター 脳卒中診療部）

O-28-3 PF1+2を用いたワルファリンやNOAC療法中の抗凝固作用の差異に関する検討  
演者：友田 昌徳（国立病院機構九州医療センター 脳血管センター・臨床研修センター，脳血管・神経内科）

O-28-4 心房細動を有する脳梗塞患者の虚血性脳卒中再発リスクスコア評価：SAMURAI-NVAF研究  
演者：井手 俊宏（国立循環器病研究センター病院 脳血管内科・脳神経内科）

O-28-5 Efficacy and implications of isoform selective Histone deacetylase inhibitors for cerebral ischemia  
演者：佐々木 勉（大阪大学大学院医学系研究科 神経内科学）

O-28-6 Gradual carotid stenosis in mice closely mimics hypoperfusive vascular dementia  
演者：猪原 匡史（国立循環器病研究センター 脳神経内科／国立循環器病研究センター 再生医療部）

## 第3会場(神戸国際展示場1号館2F 展示室B)

Central autoimmune diseases (Clinical research) 10:15~11:45 **E**

Chair : Yuko Shimizu (Department of Neurology, Tokyo Women's  
Medical University School of Medicine)

Commentator : Ho Jin Kim (Neurology, National Cancer Center,  
Korea)

O-29-1 CASE SERIES: EXPERIENCE IN THE MANAGEMENT OF  
AUTOIMMUNE ENCEPHALITIS IN PHILIPPINE  
GENERAL HOSPITAL

Speaker : Joshua Emmanuel E. Abejero  
(University of the Philippines - Philippine General Hospital)

O-29-2 Analysis of neurodegeneration with astrocytopathy in  
neuromyelitis optica and multiple sclerosis

Speaker : Mariko Hokari  
(Department of Neurology, Brain Research Institute, Niigata  
University)

O-29-3 Pro-inflammatory cytokine elevation in the CSF of anti-MOG+  
neuroinflammatory disorders

Speaker : Kimihiko Kaneko  
(Department of neurology, Tohoku university)

O-29-4 Anti-myelin oligodendrocyte glycoprotein antibody among  
autoimmune encephalitis

Speaker : Ryo Ogawa  
(Department of Neurology, Tohoku University School of  
Medicine)

O-29-5 Serology Tests in Autoimmune Encephalopathies- A Hospital  
Audit

Speaker : Thirunavukkarasu Thivakaran  
(Neurology Unit, Teaching Hospital, Batticalao, Sri Lanka/  
Faculty of Health Care Sciences, Eastern University, Sri  
Lanka)

O-29-6 The neuroradiological and immunological analysis of neuro-  
Behçet's disease

Speaker : Fumihito Yanagimura  
(Department of Neurology, Brain Research Institute, Niigata  
University)

## 第4会場(神戸国際展示場2号館3F 3A会議室)

## Myopathy 10:15~11:45



Chair : Yoshihide Sunada (Department of Neurology, Kawasaki Medical School)

Commentator : Katsuhisa Ogata (Institute of Clinical Research, National Hospital Organization Higashisaitama Hospital)

O-30-1 Muscle MRI in riboflavin responsive lipid storage myopathy

Speaker : Yawen Zhao

(Department of Neurology, Peking University First Hospital)

O-30-2 Clinical Research of Becker Muscular research using nationwide patient registry

Speaker : Madoka Mori-yoshimura

(Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry)

O-30-3 Novel mutation of STIM1 causes dysregulation of Ca<sup>2+</sup> homeostasis in tubular aggregate myopathy

Speaker : Fumiaki Saito

(Department of Neurology, Teikyo University)

O-30-4 Follow up study of autoimmune necrotizing myopathy with anti-signal recognition particle antibodies

Speaker : Yawen Zhao

(Department of Neurology, Peking University First Hospital)

O-30-5 Endoplasmic reticulum stress in murine model and patients with inclusion body myositis

Speaker : Satoshi Yamashita

(Department of Neurology, Graduate School of Medical Sciences, Kumamoto University)

O-30-6 Oral administration of erythromycin decreases RNA toxicity in myotonic dystrophy

Speaker : Masayuki Nakamori

(Dept. of Neurology, Osaka University Graduate School of Medicine)

## 第5会場(神戸国際展示場2号館2F 2A会議室)

**PD (Pathophysiology) 10:15~11:45**

Chair : Hideyuki Sawada (Utano National Hospital)

Commentator : Eng-King Tan (National Neuroscience Institute, Singapore)

- O-31-1 Serotonergic changes in putamen versus caudate of dopa-responsive dystonia and Parkinson's disease

Speaker : Yoshiaki Furukawa

(Department of Neurology, Juntendo Tokyo Koto Geriatric Medical Center)

- O-31-2 Relation of acute levodopa challenge and striatal dopamine transporter density in Parkinson disease

Speaker : Kazuto Tsukita

(Department of Neurology, Tenri Hospital)

- O-31-3 Altered functional connectivity associated with striatal dopamine depletion in Parkinson's disease

Speaker : Atsushi Shima

(Department of Neurology, Kyoto University Graduate School of Medicine)

- O-31-4 MIBG myocardial scintigraphy identifies premotor PD during a negative DAT scan period

Speaker : Ryuji Sakakibara

(Neurology, Internal Medicine, Sakura Medical Center, Toho University)

- O-31-5 Depletion of Nigrosomal in parkinsonian brains as shown by loss of swallow tail sign on 3T MRI-SWI

Speaker : Kenji Yoshikawa

(Department of Neurology and Stroke medicine, JCHO Hoshigaoka Medical Center)

- O-31-6 Synaptic vesicle dynamics are regulated by Parkinson's disease-associated proteins Vps35 and LRRK2

Speaker : Tsuyoshi Inoshita

(Dept of Research for Multiple Sclerosis and Intractable Neurological Diseases, Juntendo University Graduate School of Medicine)

**CVD (Basic research) 10 : 15~11 : 45**

Chair : Yasumasa Yamamoto (Kyoto Katsura Hospital)

Commentator : Takakuni Maki (Department of Neurology, Kyoto University)

- O-32-1 Progressive motor deficits in patients with lenticulostriate artery territory infarcts

Speaker : Yasumasa Yamamoto

(Department of Neurology, Kyoto Katsura Hospital)

- O-32-2 The impact of worsening renal function in admitted patients with acute ischemic stroke

Speaker : Makiko Tanaka

(Department of Stroke Medicine, Hoshigaoka Medical Center)

- O-32-3 Primary disease and genetic polymorphism of Trousseau syndrome at Kure Medical Center

Speaker : Shotaro Haji

(National Hospital Organization Kure Medical Center and Chugoku Cancer Center)

- O-32-4 Microglia-derived NO activates astroglial pentose-phosphate pathway through the Keap1/Nrf2 system

Speaker : Takuya Iizumi

(Department of Neurology, Keio University School of Medicine)

- O-32-5 Selective inhibition of NR2B attenuates ischemic neuronal injury in neuronal culture and rats

Speaker : Yasukazu Terasaki

(Department of Neurology, Osaka University Graduate School of Medicine)

- O-32-6 Accumulation of adiponectin in the rat brain under chronic cerebral hypoperfusion

Speaker : Yu Takahashi

(Department of Internal Medicine, School of Medicine, Nanakuri Sanatorium Fujita Health University)

## 第7会場 (ポートピアホテル本館B1F 偕楽1)

## 小脳失調症・痙性対麻痺 10:15~11:45



座長：上野 聡 (奈良県立医科大学 神経内科)

O-33-1 本邦初のSCA10の一家系における表現型の比較検討  
演者：高橋 哲也 (広島大学病院 脳神経内科)O-33-2 Atrophy of cerebellum and corpus callosum in different subtypes of spinocerebellar degeneration  
演者：佐々木梨衣 (聖マリアンナ医科大学 神経内科)O-33-3 多系統萎縮症における栄養状態とBody mass indexの検討  
演者：佐藤 朋江 (新潟大学脳研究所神経内科)O-33-4 痙性対麻痺に対するITB療法の治療効果臨床評価尺度の作成に向けて  
演者：一瀬 佑太 (山梨大学医学部神経内科学講座)O-33-5 QAI1, a polyglutamine protein oligomerization inhibitor, exerts disease-modifying therapeutic effect  
演者：皆川 栄子 (国立精神・神経医療研究センター 神経研究所 疾病研究第四部)O-33-6 Screening for polyglutamine aggregation inhibitors that suppress neurodegeneration in fly models  
演者：齊藤 勇二 (国立精神・神経医療研究センター 神経研究所 疾病研究第4部／国立精神・神経医療研究センター病院 神経内科診療部)

## 第8会場 (ポートピアホテル本館B1F 偕楽2)

## Neurorehabilitation 10:15~11:45



Chair：Takashi Nakajima (Niigata National Hospital, NHO)

Commentator：Kazuo Abe (Department of Neurology, Hyogo College of Medicine)

O-34-1 Effect of repetitive transcranial magnetic stimulation on stroke patients with severe palsy

Speaker：Mami Kawamura

(Department of Neurology, Kawamura Hospital)

- O-34-2 Effects of rTMS on upper limb hemiparesis and cortical activation changes in post-stroke patients  
 Speaker : Satoshi Katai  
 (Department of Neurology, Keio University Hospital, Keio University Misayama Rehabilitation Center)
- O-34-3 fNIRS-mediated Neurofeedback combined with mental practice enhances gait recovery after stroke  
 Speaker : Masahito Mihara  
 (Department of Neurology, Osaka University Graduate School of Medicine)
- O-34-4 NIRS-mediated neurofeedback for cerebellar ataxia: potential for augmenting rehabilitative outcome  
 Speaker : Hiroaki Fujimoto  
 (Neurorehabilitation Research Institute, Morinomiya Hospital, Osaka / Department of Neurology, Osaka University Graduate School of Medicine)
- O-34-5 Effect of electrical stimulation of the suprahyoid muscles by pushing a bar-type electrode device  
 Speaker : Jun-ichi Inobe  
 (Inobe Hospital, Department of Neurology)

### 第9会場(ポートピアホテル借楽3本館B1F)

#### 難病医療・神経倫理 10:15~11:45



座長：成田 有吾 (三重大学医学部看護学科 基礎看護学講座)

- O-35-1 レスパイト入院に関する神経難病患者へのアンケート調査  
 演者：大達 清美 (松阪中央総合病院 神経内科)
- O-35-2 神経難病患者レスパイト入院に関する全国調査(二次調査報告)  
 演者：菊池 仁志 (村上華林堂病院)
- O-35-3 神経疾患患者のPEGで生ずる倫理的側面の課題と対応—造設後のQOL及び尊厳の検討  
 演者：中村 裕子 (日本ヒューマンヘルスケア研究所 研究・研修部 / 山形県立保健医療大学)
- O-35-4 長期TPPV管理下の神経筋難病患者における特注スピーキン  
 グカニューレの検討  
 演者：阿部 達哉 (国立病院機構 箱根病院 神経内科)

- O-35-5 在宅人工呼吸器の遠隔監視, アラーム通報の試み  
 演者: 中村 昭則 (信州大学病院 難病診療センター/信州大学医学部  
 在宅療養推進学講座)
- O-35-6 進行期の神経難病患者の身体合併症入院とその原因  
 演者: 加藤 宏之 (国際医療福祉大学病院 神経内科)

# 第10会場(神戸国際会議場1F メインホール)

てんかん 10:15~11:45



座長: 神 一敬 (東北大学大学院 てんかん学分野)

- O-36-1 リアルタイム脳機能モニタリングを目指して一新たな脳波  
 ヘッドセットの開発  
 演者: 永山 正雄 (国際医療福祉大学熱海病院 神経内科)
- O-36-2 MRI陰性てんかんの診断におけるMRI postprocessingの有用  
 性の検証  
 演者: 上原 平 (九州大学大学院医学研究院 神経内科学)
- O-36-3 てんかん発作で救急外来を受診した成人患者における予後決  
 定因子の検討  
 演者: 卜蔵 浩和 (鳥根県立中央病院 神経内科)
- O-36-4 自己免疫機序が関与するてんかん症候群の診断アルゴリズム  
 構築の試み  
 演者: 坂本 光弘 (京都大学大学院医学研究科 臨床神経学)
- O-36-5 良性成人型家族性ミオクロームスてんかんにおけるてんかん  
 性放電の睡眠による変容  
 演者: 人見 健文 (京都大学大学院医学研究科臨床病態検査学/京都  
 大学大学院医学研究科脳病態生理学・臨床神経学)
- O-36-6 長時間ビデオ脳波モニターにおける抗てんかん薬の漸減・中  
 止状況と発作出現時期の検討  
 演者: 進村 光規 (九州大学大学院医学研究院神経内科学)

## 第11会場(神戸国際会議場3・4F 国際会議室)

**CVD (Medical treatment) 10:15~11:45**

Chair : Takao Urabe (Department of Neurology, Juntendo University  
Urayasu Hospital)

Commentator : Man Mohan Mehndiratta (Janakpuri Superspecialty  
Hospital, New Delhi,  
India)

- O-37-1 Significance of Development and Reversion of Collaterals in outcome after Intravenous Thrombolysis  
Speaker : Masahiko Ichijo  
(Department of Neurology, Musashino Red Cross Hospital)
- O-37-2 Analysis of recurrent stroke volume between warfarin and NOAC for post stroke prevention  
Speaker : Hiroaki Oguro  
(Department of Neurology, Shimane University Hospital)
- O-37-3 Hematoma volumes and severity of spontaneous intracerebral hemorrhage in the patients with NOACs  
Speaker : Yoshinori Kurauchi  
(Department of Cerebrovascular Medicine and Neurology, Cerebrovascular Center and Clinical Research Institute, National Hospital Organization Kyushu Medical Center / Department of Neurology, School of Medicine, Sapporo Medical University)
- O-37-4 Rehabilitation after Stroke from Post-Acute to Longterm: A Population-based Study in Taiwan  
Speaker : Ku-chou Chang  
(Kaohsiung Chang Gung Memorial Hospital, Taiwan)
- O-37-5 Effects of yokukansan on NO, OH- metabolism during cerebral ischemia and reperfusion in mice  
Speaker : Chika Kitabayashi  
(Department of Neurology, Saitama Medhical University)
- O-37-6 A novel partial agonist-like RANKL peptide inhibiting TLR-induced inflammation in ischemic brain  
Speaker : Munehisa Shimamura  
(Department of Neurology, Osaka University Graduate School of Medicine / Department of Health Development and Medicine, Osaka University Graduate School of Medicine)

**MND (Pathophysiology) 10 : 15~11 : 45**



Chair : Hiroaki Adachi (Department of Neurology, University of  
Occupational and Environmental Health  
School of Medicine)

Commentator : Kuang-Yung Lee (Chang Gung Memorial Hospital,  
Keelung, Taiwan)

**O-38-1 The SMN gene copy number states in Japanese ALS patients**  
Speaker : Tomohiko Ishihara

(Department of Neurology, Brain Research Institute, Niigata  
University / Department of Molecular Neuroscience,  
Center for Bioresource-based Research, Brain Research  
Institute, Niigata University)

**O-38-2 Neuronal toxicity of TDP-43 is associated with the dysfunction  
of ribosomal proteins in axons**

Speaker : Seiichi Nagano

(Department of Peripheral Nervous System Research,  
National Institute of Neuroscience, National Center of  
Neurology and Psychiatry)

**O-38-3 Mislocated FUS is sufficient condition to lead ALS-phenotype  
in a dominant gain-of-function manner**

Speaker : Gen Shiihashi

(Department of Neurology, Keio University School of  
Medicine)

**O-38-4 Deciphering the expression and function of C9ORF72 using  
mouse model**

Speaker : Naoki Suzuki

(Department of Neurology, Tohoku University / The  
Howard Hughes Medical Institute, Harvard Stem Cell  
Institute, Department of Stem Cell and Regenerative  
Biology, Harvard University)

**O-38-5 Investigation of TFG pathology in HMSN-P**

Speaker : Ryosuke Oki

(Department of Clinical Neuroscience, Institute of  
Biomedical Sciences, Tokushima University Graduate  
School)

- O-38-6 Gene expression analysis in spinal cord of SOD1(G93A) mice after bone marrow transplantation therapy

Speaker : Tomoya Terashima

(Department of Stem Cell Biology and Regenerative Medicine, Shiga University of Medical Science)

#### 第14会場(神戸国際会議場5F Room 501)

### Dementia (Clinical research 2) 10 : 15~11 : 45



Chair : Ayae Kinoshita (Department of Human Health Sciences, Kyoto University Graduate School of Medicine)

Commentator : Makio Takahashi (Department of Neurology, Osaka Redcross Hospital)

- O-39-1 Nationwide hospital-based survey of idiopathic normal pressure hydrocephalus (iNPH) in Japan

Speaker : Nagato Kuriyama

(Department of Epidemiology for Community Health and Medicine, Kyoto Prefectural University of Medicine / Department of Neurology, Kyoto Prefectural University of Medicine)

- O-39-2 Tau imaging in patients with ALS/PDC in the Kii Peninsula  
Speaker : Hitoshi Shinotoh

(Molecular Neuroimaging Program, National Institute of Radiological Sciences / Neurology Chiba Clinic)

- O-39-3 Modifiable risk factors for Alzheimer's disease: systematic review and meta-analysis

Speaker : Hui fu Wang

(Department of Neurology, Qingdao Municipal Hospital)

- O-39-4 Microbleeds in clinical subtypes of AD on CSF and Neuroimaging markers

Speaker : Masaki Ikeda

(Department of Neurology, Gunma University Graduate School of Medicine)

- O-39-5 Long-chain omega-3 polyunsaturated fatty acids, Cerebral small-vessel disease, and Incident dementia

Speaker : Kaori Miwa

(Department of Neurology, Osaka University Graduate School of Medicine)

- O-39-6 Depression Prevention in Caregivers of Patients with Dementia: A Meta-Analysis  
 Speaker : Dan Neftalie A. Juangco  
 (St. Luke's Medical Center - Institute for Neuroscience)

第15会場(神戸国際会議場5F Room 502)

Miscellaneous 10:15~11:45

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- Chair : Hisatomo Kowa (Division of Neurology, Kobe University Graduate School of Medicine)
- Commentator : Takahiro Mezaki (Department of Neurology, Sakakibara Hakuho Hospital)
- O-40-1 Clinical and Radiologic Feature of Adult Filipino with Transient Global Amnesia: Retrospective Study  
 Speaker : Renato Jr. C. Dejan  
 (St. Luke's Medical Center Quezon City)
- O-40-2 Validation of a Screening Questionnaire for X-linked Dystonia Parkinsonism (XDP)  
 Speaker : Jose Danilo B. Diestro  
 (University of the Philippines- Philippine General Hospital)
- O-40-3 An exploration of the origin of granulovacuolar degeneration bodies and rimmed vacuoles  
 Speaker : Yukari Shinozaki  
 (Department of Clinical Neuroscience and Therapeutics, Hiroshima University.)
- ★ O-40-4 Blood amino acids and acylcarnitines spectrums in Chinese patients with mitochondrial disease  
 Speaker : Zhe Zhang  
 (Neurology Department of Peking University First Hospital)
- O-40-5 Clinical characteristics and brain MRI features of nineteen patients with Kearns Sayre syndrome  
 Speaker : Meng Yu  
 (Peking University First Hospital)
- ★ O-40-6 Clinical features of MELAS: an analysis of 190 cases  
 Speaker : Zhe Zhang  
 (Neurology Department of Peking University First Hospital)