

**JNS Neurosurgery-Neurology Symposium****Jp**

Sep 1 (Tue) 16 : 00 ~ 17 : 30 Room 03 "Main Hall" (Okayama Convention Center 3F Convention Hall)

**Neurosurgery & Neurology Joint Symposium**

Chairs : Tatsushi Toda

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

Teiji Tominaga

Department of Neurosurgery, Tohoku University Graduate School of Medicine

**JNS-1 Advance of neuroprotective therapy****Koji Abe**

Okayama University, Department of neurology

**JNS-2 The progress of stereotactic neurosurgery****Isao Date**

Department of Neurological Surgery, Okayama University Graduate School

**JNS-3 Therapies in Parkinson's Disease: Recent Advances and Challenges****Ryosuke Takahashi**

Department of Neurology, Kyoto University Graduate School of Medicine

**JNS-4 Recent Advancement of Stroke Medicine****Hiroyuki Kinouchi**

President, the 80th Annual Meeting of the Japan Neurosurgical Society

**Stroke and Cardiovascular Control Act and Japan Neurological Society**

Chairs : Takao Urabe

Department of Neurology, Juntendo University Urayasu Hospital

Chiaki Yokota

National Cerebral and Cardiovascular Center Stroke Rehabilitation

**S-20-1 Introduction: Details of the approval and future development of the Act****Kazuo Minematsu**

Headquarters of the Iseikai Medical Corporation / Japan Stroke Association

**S-20-2 Future Direction of Measures based on the Cerebrovascular and Cardiovascular Disease Control Act****Akiko Ishigami**

Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center

**S-20-3 What are necessary things and supports for stroke patients and their families?****Hidehiro Takekawa**

Japan Stroke Association / Dokkyo Medical University

**S-20-4 Roles and challenges of the Japanese Society of Neurology****Yoichiro Hashimoto**

Department of Neurology, Kumamoto City Hospital

**Basic Neuropathology for Neurologists**

Chairs : Shigeo Murayama

Departments of Neurology and Neuropathology (the Brain Bank for Aging Research)

Masaki Takao

Saitama International Medical Center, Saitama Medical University

**S-21-1 Neuromuscular pathology**

Shigeo Murayama

Department of Neurology and Neuropathology (the Brain Bank for Aging Research), Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology / United Graduate School of Child Development, Osaka University

**S-21-2 Basic knowledge of neuropathology that neurologists want to know, brain tumor**

Hirotake Nishimura

Kawasaki medical school dept.pathology

**S-21-3 Pathology of Neurodegenerative diseases**

Masashi Takanashi

Department of Neurology, Junntendo University Faculty of Medicine

**S-21-4 Neuropathology of Cerebrovascular Disorders**

Masaki Takao

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

Nominal support: The Japanese Society of Neuropathology

**Latest Advances in the Treatment of Ischemic Stroke**

Chairs : Kazuo Kitagawa

Department of Neurology, Tokyo Women's Medical University

Toru Yamashita

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

**S-22-1 Therapeutic strategies modulating post-stroke inflammation**

Takashi Shichita

Stroke Renaissance Project, Tokyo Metropolitan Institute of Medical Science, Japan

**S-22-2 Therapeutic strategies promoting collateral circulation**

Satoru Ishibashi

Department of Neurology, Tokyo Medical and Dental University Hospital, Japan

**S-22-3 Muse Cell Therapy for Cerebral Ischemia****Kuniyasu Niizuma**

Department of Neurosurgical Engineering and Translational Neuroscience, Graduate School of Biomedical Engineering, Tohoku University, Japan / Department of Neurosurgical Engineering and Translational Neuroscience, Tohoku University Graduate School of Medicine, Japan / Department of Neurosurgery, Tohoku University Graduate School of Medicine, Japan

**S-22-4 iN cell therapy for cerebral ischemia****Toru Yamashita**

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

**S-23 Symposium 23****Jp**

Sep 1 (Tue) 9 : 00 ~ 10 : 30

Room 07 (Okayama Convention Center 2F Exhibition Hall)

**Novel neurophysiological techniques for evaluating and diagnosing neurological patients**

Chairs : Yasuo Terao

Department of Medical Physiology

Takashi Nagamine

Department of Systems Neuroscience, School of Medicine, Sapporo Medical University

**S-23-1 Quantitative evaluation of cerebellar ataxia and its clinical application****Shinji Kakei**

Tokyo Metropolitan Institute of Medical Science

**S-23-2 Analysis of gait disorders in neurodegenerative diseases****Hiroshi Mitoma**

Department of Medical Education, Tokyo Medical University

**S-23-3 Videofluorographic study of swallowing for neurological diseases****Makito Hirano**

Kindai University, Faculty of Medicine, Department of Neurology

**S-23-4 Nerve conduction study of the spinal cord and the peripheral nerve by neuromagnetic measurement****Shigenori Kawabata**

Department of Advanced Technology in medicine, Graduate School of Tokyo Medical and Dental University

**When should we stop the treatment?**

Chairs : Hikoaki Fukaura  
 Saitama Medical University  
 Chieko Suzuki  
 Department of Neurology, Hirosaki University Graduate School of Medicine

**S-24-1 When to discontinue disease modifying drug in multiple sclerosis?**

Yuko Shimizu  
 Department of Neurology Tokyo Women's Medical University

**S-24-2 The late stage of Parkinson's disease**

Tetsuya Maeda  
 Division of Neurology and Gerontology, Department of Internal Medicine, School of Medicine,  
 Iwate Medical University

**S-24-3 How to treat the end stage of ALS**

Mieko Ogino  
 International University of Health and Welfare, School of Medicine, Office of Medical Education

**S-24-4 How long are you going to do it? :  
Continuation or withdrawal of secondary prevention of stroke**

Yasuo Terayama  
 Division of Neurology, Shonan Keiiku Hospital

**The Implication of Autophagy in Alzheimer's disease and Dementia**

Chairs : Yumiko Motoi  
 Juntendo University School of Medicine, Dept of Diagnosis, Prevention, and  
 Treatment of Dementia  
 Tadanori Hamano  
 Department of Neurology, University of Fukui

**S-25-1 Degradation of amyloid  $\beta$  protein and tau in Autophagy**

Tadanori Hamano  
 Department of Neurology, University of Fukui, Japan

**S-25-2 A Role of Lithium on Autophagy in Tau Propagation Cell Models**

Yumiko Motoi  
 Juntendo University, Dept. of Diagnosis, Prevention, and Treatment of Dementia, Japan /  
 Juntendo University, Dept. of Neurology, Japan

**S-25-3 Granulovacuolar degeneration in neurodegeneration**

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

**S-25-4 Alteration of autophagy-related proteins in synucleinopathies**

Yasuo Miki  
 Department of Neuropathology, Hirosaki University Graduate School of Medicine, Japan

**Pitfalls in medical treatment for dementia patients**

Chairs : Akira Tamaoka

Department of Neurology, University of Tsukuba

Akira Kuzuya

Department of Neurology, Kyoto University Graduate School of Medicine

**S-26-1 Pitfalls in the treatment of Alzheimer's disease**

Hiroyuki Shimada

Osaka City University Graduate School of Medicine Clinical Research Center for Dementia

**S-26-2 Pitfalls in Management of Vascular Cognitive Impairment**

Ken Nagata

Clinical Research Institute, Yokohama General Hospital

**S-26-3 Pitfalls of clinical diagnosis of dementia with Lewy bodies**

Yasuhiro Nagahama

Kawasaki Memorial Hospital

**S-26-4 Pitfalls in the medical examination of frontotemporal lobar degeneration**

Satoshi Tanimukai

Ehime University Graduate School of Medicine, Nursing and community health course,

Department of Integrated community care for elderly

**S-26-5 Pitfalls in the diagnosis and treatment of idiopathic normal pressure hydrocephalus (iNPH)**

Akira Tamaoka

Department of Neurology, Faculty of Medicine, University of Tsukuba

**Autoimmune encepharitis: Frontline diagnosis and treatment**

Chairs : Satoshi Kamei

Center for Neuro-infections, Department of Neurology, Ageo Central General Hospital

Takashi Yamamura

Department of Immunology, National Institute of Neuroscience, NCNP

**S-27-1 Nationwide survey of patients in Japan with autoimmune encephalitis**

Michiaki Koga

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

**S-27-2 Rapid diagnosis of the antibodies against neuronal surface antigens with a tissue-based assay**

Makoto Hara

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

S-27-3 Autoimmune glial fibrillary acidic protein astrocytopathy

Akio Kimura

Department of Neurology, Gifu University Graduate School of Medicine

S-27-4 Myalgic encephalomyelitis/Chronic fatigue syndrome (ME/CFS) as a neuroimmunological disorder

Takashi Yamamura

Department of Immunology, National Institute of Neuroscience, NCNP

## S-28 Symposium 28

Proposed symposium Jp

Sep 1 (Tue) 10:45 ~ 12:15 Room 05 (Okayama Convention Center 3F Conference Room 302)

### Current issues of transition from child to adult health services for childhood-onset neurological and muscular diseases

Chairs : Katsuhisa Ogata

Department of Neurology/Institute of Clinical Research, National Hospital  
Organization Higashisaitama National Hospital

Toshio Saito

Division of Child Neurology, Department of Neurology, National Hospital  
Organization Osaka Toneyama Medical Center

S-28-1 Current issues of transition: based on adult healthcare of Medical and Rehabilitation Center

Yoko Mochizuki

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

S-28-2 Current situation of transitional care in the department of neurology of the local core hospital

Yoshio Sakiyama

Department of Neurology, Jichi Medical University, Saitama Medical Center

S-28-3 Transitional medicine (A role of National Hospital Organization)

Kazuya Takahashi

Department of Medicine, National Hospital Organization Iou National Hospital

S-28-4 Current status and issues in transition medicine: from the standpoint of child neurologists

Tatsuya Fujii

Department of Pediatrics, Shiga Medical Center for Children / Department of Child Neurology,  
Osaka Toneyama Medical Center

Nominal support: Japanese Society of Child Neurology

**S-29 Symposium 29****En**

Sep 1 (Tue) 10:45 ~ 12:15 Room 06 (Okayama Convention Center 2F Reception Hall)

**Preparing for disease-modifying therapies in PD  
– From biomarkers, animal models to novel therapeutic approach**

Chairs : Carolyn Sue

The University of Sydney

Shigeki Arawaka

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

**S-29-1 Updates of Liquid biomarkers in PD**

Chin-Hsien Lin

National Taiwan University Hospital

**S-29-2 Updates of liquid biomarkers and disease-modifying potential of an antiparkinsonian drug in PD**

Shigeki Arawaka

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

**S-29-3 Animal model for disease-modifying therapies in PD**

Hodaka Yamakado

Kyoto University Hospital, Japan

**S-29-4 Novel therapeutic strategies targeting mitochondria**

Carolyn M. Sue

Kolling Institute of Medical Research, Australia / University of Sydney, Australia

**S-29-5 Disease-modifying therapeutics targeting alpha-synuclein**

Masayuki Nakamori

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

**S-30 Symposium 30****Proposed symposium Jp**

Sep 1 (Tue) 10:45 ~ 12:15 Room 07 (Okayama Convention Center 2F Exhibition Hall)

**Let's learn about basic science for the future therapeutics**

Chairs : Hideki Mochizuki

Department of Neurology, Osaka University

Tatsushi Toda

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

**S-30-1 The Interest of Basic Research**

Hideki Mochizuki

Department of Neurology, Osaka University Graduate School of Medicine

**S-30-2 An Invitation to Basic Research from the President of the Japan Neuroscience Society**

Michisuke Yuzaki

Keio University School of Medicine



**S-30-3** Attractiveness of Basic Research -From the President of the Japanese Society for Neurochemistry-

**Schuichi Koizumi**

Department of Neuropharmacology, Interdisciplinary Graduate School of Medicine, University of Yamanashi

**S-30-4** President of Japanese Society of Neuropathology Address:  
Neuropathology is the core of neurology

**Shigeo Murayama**

Department of Neurology and Neuropathology (thre Brain Bank for Aging Research) /United Graduate School of Child Development

Nominal support: The Japan Neuroscience Society, The Japanese Society for Neurochemistry,  
The Japanese Society of Neuropathology

**S-31 Symposium 31**

Proposed symposium **Jp**

Sep 1 (Tue) 10 : 45 ~ 12 : 15 Room 09 (Okayama Prefectural Medical Association Office 4F Conference Room 402)

**IBM intensive course ~up to date and pitfall~**

Chairs : **Madoka Mori-yoshimura**

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

**Naoki Suzuki**

Department of Neurology, Tohoku University School of Medicine

**S-31-1** Sporadic inclusion body myositis gains importance in an aging society

**Masashi Aoki**

Department of Neurology, Tohoku University School of Medicine

**S-31-2** Inclusion body myositis -clinical basis and pitfalls-

**Madoka Mori-yoshimura**

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

**S-31-3** Needle electromyography of inclusion body myositis: a practical EMG guide for differential diagnosis

**Mana Higashihara**

Department of Neurology, Tokyo Metropolitan Geriatric Medical Center

**S-31-4** Sporadic inclusion body myositis: histopathological findings and differential diagnosis

**Akatsuki Kubota**

Department of Neurology, The University of Tokyo

**S-31-5** Videofluorographic findings in dysphagia with inclusion body myositis

**Toshiyuki Yamamoto**

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

**S-32 Symposium 32****Jp**

Sep 1 (Tue) 14 : 15 ~ 15 : 45 Room 05 (Okayama Convention Center 3F Conference Room 302)

**Non-motor symptoms of PD; Manifestation and pathomechanisms**

Chairs : Hidefumi Ito

Department of Neurology, Wakayama Medical University

Shinsuke Fujioka

Department of Neurology, Fukuoka University

**S-32-1 Non-motor features of Parkinson disease**

Shinsuke Fujioka

Department of Neurology, Fukuoka University Faculty of Medicine

**S-32-2 Neuropathological background of non-motor symptoms in Parkinson's disease**

Yuko Saito

Dept. Neuropath., National Center Hosp. of Neurology and Psychiatry

**S-32-3 Constipation in Parkinson's disease: chicken or egg?**

Ryuji Sakakibara

Neurology, Internal Medicine, Sakura Medical Center, Toho University

**S-32-4 Olfactory dysfunction as a biomarker in Parkinson's disease**

Toru Baba

Department of Neurology, National Hospital Organization Sendai-Nishitaga Hospital

**S-33 Symposium 33****En**

Sep 1 (Tue) 14 : 15 ~ 15 : 45 Room 06 (Okayama Convention Center 2F Reception Hall)

**New era of neuroimaging and neurosonology**

Chairs : Hidehiro Hirabayashi

National Hospital Organization Nara Medical Center, Japan

Dong-Eog Kim

Dongguk University, Seoul, Korea

**S-33-1 New cerebral hemodynamic indicators using dual ASL perfusion imaging**

Jyoji Nakagawara

Osaka Namba Clinic, Japan

**S-33-2 MR Imaging of Neurovascular Abnormality: Experiences from A Quantitative Image-based Stroke Registry**

Dong-Eog Kim

Department of Neurology, Dongguk University Ilsan Hospital, Korea

**S-33-3 Magnetic resonance-guided focused ultrasound treatment for essential tremor-Our experience-**

Hidehiro Hirabayashi

Department of Neurosurgery, National Hospital Organization Nara Medical Center, Japan

**Personalized Medicine for Neuroloimmunological Disorders: Present and Future**

Chairs : Takashi Yamamura

Department of Immunology, National Institute of Neuroscience, NCNP

Tomoko Okamoto

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

**S-34-1 Personalized medicine for immune-mediated neuropathy**

Tomoko Okamoto

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

**S-34-2 THE STATE OF NEUROLOGICAL DISEASES THAT PLASMAPHERESIS IS USUFUL**

Youwei Lin

Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry / Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry

**S-34-3 Can skew of circulating follicular helper T cells be an activity biomarker of myasthenia graves?**

Takayuki Kondo

Department of Neurology, Kansai Medical University Medical Center

**S-34-4 Therapeutic insights in neuromyelitis optica spectrum disorders**

Manabu Araki

Department of Neurology, Kawakita General Hospital / Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry

**Neurometabolic disorders; updates on therapeutics and management**

Chairs : Takayoshi Shimohata

Department of Neurology, Gifu University Graduate School of Medicine

Yoshiki Sekijima

Department of Medicine (Neurology &amp; Rheumatology), Shinshu University School of Medicine

**S-35-1 siRNA therapy for hereditary ATTR amyloidosis and its diagnosis in non-endemic area**

Yoshiki Sekijima

Department of Medicine (Neurology &amp; Rheumatology), Shinshu University School of Medicine

**S-35-2 Hematopoietic stem cell transplantation for adrenoleukodystrophy**

Takashi Matsukawa

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

S-35-3 Wilson disease: Don't miss important cases and continuous treatment

Hiroaki Miyajima

Division of Neurology, Hamamatsu University Hospital

S-35-4 Treatment of mitochondrial diseases with taurine

Yoshihide Sunada

Department of Neurology, Kawasaki Medical School

S-35-5 Treatment and management of lysosomal disease with neurological symptoms

Kazuya Tsuboi

LSD Center, Nagoya Central Hospital

## S-36 Symposium 36

En

Sep 1 (Tue) 13 : 45 ~ 15 : 15

Room 12 (Okayama International Center 8F Event Hall)

### Development of new frontier for elucidation of multiple system atrophy

Chairs : Yasuyuki Ohta

Division of Neurology, Department of Internal Medicine III, Yamagata University

Koichi Wakabayashi

Department of Neuropathology, Hirosaki University Graduate School of Medicine

S-36-1 Cellular pathology in multiple system atrophy

Koichi Wakabayashi

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

S-36-2 Alterations of Cerebello-Cerebral Resting State Networks in Multiple System Atrophy

Hirohisa Watanabe

Department of Neurology, Fujita Health University, Japan

S-36-3 How does exogenous alpha-synuclein get access to the endogenous alpha-synuclein proteins?

Takafumi Hasegawa

Division of Neurology, Department of Neuroscience & Sensory Organs, Tohoku University Graduate School of Medicine, Japan

**Recent advances in temporal lobe epilepsy**

Chairs : Hiroshi Shigeto

Department of Health Sciences, School of Medicine, Kyushu University

Kazutaka Jin

Department of Epileptology, Tohoku University Graduate School of Medicine

**S-37-1 Diversity in temporal lobe epilepsy**

Kiyohito Terada

Yokohama Minoru Epilepsy&amp;Developmental Clinic /NHO Shizuoka Institute of Epilepsy and Neurological Disorders

**S-37-2 Temporal lobe epilepsy and dementia**

Naoki Akamatsu

Department of Neurology, International University of Health and Welfare School of Medicine / Fukuoka Sanno Hospital

**S-37-3 Temporal lobe epilepsy and autoimmune encephalitis**

Kazuhiro Kato

Department of Neurology, South Miyagi Medical Center

**S-37-4 Higher Brain Dysfunction in temporal lobe epilepsy**

Akihiro Shimotake

Department of Neurology, Kyoto University Graduate School of Medicine

**S-37-5 Reduced relative volume of left CA1 accelerates long-term forgetting in temporal lobe epilepsy**adopted from  
free papers

Takahiko Mukaino

Department of Neurology, Neurological Institute, Graduate School of Medicine, Kyushu University

**The cutting-edge discoveries of neurogenetics from Japan**

Chairs : Manabu Funayama

Research Institute of Disease of Old Age, Graduate School of Medicine,  
Juntendo University

Wataru Satake

Dept Neurol, The Univ of Tokyo

**S-38-1 The discovery of the gene responsible for Neuronal intranuclear inclusion disease:NIID**

Jun Sone

National Hospital Organization Suzuka National Hospital

**S-38-2 New noncoding repeat expansion diseases**

Hiroyuki Ishiura

Department of Neurology, The University of Tokyo

**S-38-3** The latest knowledge in genetics of inherited neuropathy  
Yujiro Higuchi

Department of Neurology, Kagoshima University Hospital

**S-38-4** Discovery of a new gene linked to Parkinson's disease:  
Is Parkinson's disease a lysosomal disorder?

Yutaka Oji

Department of Neurology, Juntendo University School of Medicine

**S-38-5** Clinical and molecular characterization of SCA36/Asidan

Yoshio Ikeda

Department of Neurology, Gunma University Graduate School of Medicine

**S-38-6** Characteristic of Perry disease in Japan

adopted from  
free papers

Takayasu Mishima

Department of Neurology, Fukuoka University School of Medicine

## S-39 Symposium 39

En

Sep 1 (Tue) 16:00 ~ 17:30 Room 06 (Okayama Convention Center 2F Reception Hall)

### The concept of MOG-IgG positive diseases

Chairs : Ichiro Nakashima

Department of Neurology, Tohoku Medical and Pharmaceutical University

Tatsuro Misu

Department of Neurology, Tohoku University

**S-39-1** MOG-IgG assays and their clinical associations in children

Patrick Waters

University of Oxford, UK

**S-39-2** Clinical manifestation of MOG-IgG associated encephalomyelitis

Sung Min Kim

Seoul National University Hospital, Korea

**S-39-3** Immunological features of MOG-IgG diseases

Kimihiko Kaneko

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

**S-39-4** Pathology of MOG-IgG diseases

Yoshiki Takai

Department of Neurology, Tohoku University Hospital, Japan

**S-39-5** Pediatric cases of MOG-IgG disease

Takahiro Ikeda

Department of Pediatrics, Jichi Medical University, Japan

**Low power pathologists have a high power**

Chairs : Yasushi Iwasaki  
 Institute for Medical Science of Aging, Aichi Medical University  
 Toshiki Uchihara  
 Neurology Clinic with Neuromorphomics Lab, Nitobe-Memorial Nakano  
 General Hospital

**S-40-1 Cerebrovascular diseases and brain lesions due to systemic diseases; MRI-pathologic correlation**

Fukashi Udaka  
 Department of Neurology Sumitomo Hospital

**S-40-2 Macroscopic findings of brain showing dementia**

Yoshio Hashizume  
 Institute of Neuropathology, Fukushima Hospital

**S-40-3 Spinocerebellar Degeneration**

Kiyoshi Iwabuchi  
 Mirai Clinic

**S-40-4 Macroscopic findings for diagnostic clue of Parkinsonism**

Mari Yoshida  
 Institute for Medical Science for Aging, Aichi Medical University

Nominal support: Japanese Society of Neuropathology, Japanese Society of Neuroradiology

**Neurorehabilitation for degenerative neurological diseases:  
Neuroplasticity to improvement of clinical outcome**

Chairs : Yumiko Kaseda  
 Hiroshima City Rehabilitation Hospital  
 Takeshi Hayashi  
 Department of Neurology and Cerebrovascular Medicine

**S-41-1 What are molecular mechanisms that physical exercise improves Alzheimer's disease?**

Akiko Takeda  
 Department of Neurotherapeutics, Graduate School of Medicine, Osaka University

**S-41-2 Repetitive transcranial magnetic stimulation for treatment of neurodegenerative disorders**

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

**S-41-3 Intensive Inpatient Neurorehabilitation for spinocerebellar degeneration**

**Ichiro Miyai**

Neurorehabilitation Research Institute, Morinomiya Hospital

**S-41-4 Combined therapy with cyborg-type robot HAL<sup>®</sup> for functional regeneration of neuromuscular diseases**

**Takashi Nakajima**

Department of Neurology, National Hospital Organization Niigata National Hospital

**S-42 Symposium 42**

**Jp**

Sep 1 (Tue) 16:00 ~ 17:30

Room 11 (ANA Crowne Plaza Okayama 1F Kyokusui)

**Novel approach for patients with acute stroke**

Chairs : Kazumi Kimura

Nippon Medical School

Shigeru Fujimoto

Division of Neurology, Department of Medicine, Jichi Medical University

**S-42-1 Reperfusion Strategy for Acute Ischemic Stroke: Tissue-based Patient Selection**

**Teruyuki Hirano**

Department of Stroke and Cerebrovascular Medicine, Kyorin University

**S-42-2 Reperfusion therapy for ischemic stroke; intravenous thrombolysis and endovascular therapy**

**Kazutaka Sonoda**

Department of Neurology, Saiseikai Fukuoka General Hospital

**S-42-3 Acute stroke rehabilitation: gait training using HAL<sup>®</sup> and comprehensive cardiovascular rehabilitation**

**Chiaki Yokota**

Department of Stroke rehabilitation, National Cerebral and Cardiovascular Center

**S-42-4 Novel antithrombotic therapies for acute ischemic stroke**

**Takehiko Nagao**

Department of Neurology, Nippon Medical School Tama-Nagayama Hospital

**S-43 Symposium 43**

**Jp**

Sep 1 (Tue) 15:30 ~ 17:00

Room 12 (Okayama International Center 8F Event Hall)

**Neurology Career Path: Neurologist as a key to visiting and home care**

Chairs : Yuishin Izumi

Department of Neurology, Tokushima University Hospital

Naoki Matsuoka

Matsuoka Neurology Clinic

**S-43-1 The current status and future tasks of home medical care in urban areas**

**Masatoshi Yoshino**

Yoshino Clinic for Internal Medicine



S-43-2 The practice of neurologists to support home medical treatment in new residential area

Naoki Matsuoka  
Matsuoka Neurology Clinic

S-43-3 What is necessary of a neurologist to support homecare for intractable neurological patients

Nozomi Ogasawara  
ohnonaika

S-43-4 A nutrition care and home ventilation of patients with intractable neurological diseases

Yoshifumi Umaki  
Aozora Clinic

### NFS-01 Neuroscience Frontier Symposium 01

En

Sep 1 (Tue) 16 : 00 ~ 17 : 30 Room 10 (Okayama Prefectural Medical Association Office 2F Miki Memorial Hall)

#### New approaches aimed for the development of disease modifying therapies of Alzheimer's disease and other dementia diseases

Chairs : Takeshi Iwatsubo

The University of Tokyo, Neuropathology

Kenjiro Ono

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

NFS-01-1 The pathological link of glia activation with amyloid clearance in Alzheimer disease

Taisuke Tomita

Laboratory of Neuropathology and Neuroscience, Graduate School of Pharmaceutical Sciences, The University of Tokyo, Japan

NFS-01-2 Principles of Inflammasome Priming and Inhibition: Implications for Neurodegenerative Disorders

Giulio M. Pasinetti

Icahn School of Medicine at Mount Sinai, USA / James J Peters Veterans Affairs Medical Center, USA

NFS-01-3 HMW A $\beta$  oligomers are important targets for disease modifying approach of Alzheimer's disease

Kenjiro Ono

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

NFS-01-4 canceled

**Progress in functional neuroimaging in dementia**

Chairs : Shun Shimohama

Department of Neurology, Sapporo Medical University School of Medicine

Haruo Hanyu

Department of Geriatric Medicine, Tokyo Medical University

**HT-07-1 Significance and prospect of histopathological correlation study of amyloid PET**

Kenji Ishii

Team for Neuroimaging Research, Tokyo Metropolitan Institute of Gerontology

**HT-07-2 Recent advancement in our understanding of pathological basis of dementia brought by Tau PET**

Hitoshi Shimada

Department of Functional Brain Imaging Research (DOFI), National Institute of Radiological Sciences (NIRS), National Institutes for Quantum and Radiological Science and Technology (QST)

**HT-07-3 PET imaging of reactive astrocytes**

Nobuyuki Okamura

Division of Pharmacology, Faculty of Medicine, Tohoku Medical and Pharmaceutical University

**HT-07-4 Nicotinic receptors PET and cognition**

Yasuomi Ouchi

Department of Biofunctional Imaging, Hamamatsu University School of Medicine

**HT-07-5 Early Diagnosis of Alzheimer's disease using MRI-QSM**

Kohsuke Kudo

Department of Diagnostic Imaging, Hokkaido University Graduate School of Medicine

**Teleremedicine and online-medicine in neurology**

Chairs : Sonoko Nozaki

Kansai Rosai Hospital, Department of Neurology

Akinori Nakamura

National Hospital Organization Matsumoto Medical Center

**HT-08-1 Overview of telemedicine and online medicine**

Sonoko Nozaki

Kansai Rosai Hospital, Department of Neurology &amp; Rehabilitation

**HT-08-2 Usefulness of telemedicine in intractable neuromuscular disorders**

Akinori Nakamura

National Hospital Organization Matsumoto Medical Center

**HT-08-3 Telestroke (Telemedicine for acute stroke)**

Yasuhiro Hasegawa

Department of Neurology, St Marianna University School of Medicine

**HT-08-4** Online medicine in the home-visit nursing service:  
effectiveness and problem

Mika Takeichi  
Home-visit nursing station TABELU

**HT-08-5** The overview of guidelines of telemedicine

Keigo Ban  
Medical Professions Division, Health Policy Bureau, Ministry of Health, Labour and Welfare

**HT-09 Hot Topics 09**

Proposed symposium **En**

Sep 1 (Tue) 10 : 45 ~ 12 : 15 Room 01 (Okayama Convention Center 4F Conference Room 405)

**Is the concept of embolic stroke of undetermined source (ESUS)  
dead or alive?**

Chairs : Kazunori Toyoda  
Dept. of Cerebrovascular Medicine, National Cerebral and Cardiovascular  
Center  
Takanari Kitazono  
Department of Medicine and Clinical Science

**HT-09-1** Problems of ESUS criteria from the viewpoint of the guidelines for  
implantable cardiac monitor

Keiji Yamaguchi  
Department of Neurology, Ichinomiya Nishi Hospital, Japan

**HT-09-2** Investigation of arteriogenic embolism

Yuji Ueno  
Department of Neurology, Juntendo University Faculty of Medicine, Japan

**HT-09-3** Decision making of patent foramen ovale closure by brain and heart  
team

Hiroshi Yamagami  
Department of Stroke Neurology, National Hospital Organization Osaka National Hospital, Japan

**HT-09-4** Subclassification of ESUS according to the responsiveness to  
anticoagulation

Shinichiro Uchiyama  
Center for Brain and Cerebral Vessels, Sanno Hospital and Sanno Medical Center, Japan

**HT-09-5** Atrial cardiopathy as a cause of ESUS

Hans C. Diener  
Faculty of Medicine and Institute for Medical Informatics, Biometry and Epidemiology at the  
University of Duisburg-Essen, Germany

Nominal support: Japan Stroke Society, Japanese Society on Thrombosis and Hemostasis,  
Japan Society of Embolus Detection and Treatment, Cardiovascular Stroke Society of Japan

**Neurotoxicology update (its mechanisms and treatments)**

Chairs : Takayoshi Shimohata

Department of Neurology, Gifu University Graduate School of Medicine

Atsushi Iwata

Department of Neurology, Tokyo Metropolitan Geriatric Medical Center  
Hospital**HT-10-1 methylmercury intoxication**

Takayoshi Shimohata

Department of Neurology, Gifu University Graduate School of Medicine

**HT-10-2 Tetanus toxin**

Kentaro Tokumoto

NHO Shizuoka Institute of Epilepsy and Neurological Disorders, Dept. of Neurology

**HT-10-3 Neurotoxicology of pesticides**

Hiroo Ichikawa

Division of Neurology, Department of Internal Medicine, Showa University Rehabilitation  
Hospital**HT-10-4 Carbon monoxide intoxication**

Takahiro Nakayama

Department of Neurology, Division of Neuromuscular Diseases, Yokohama Rosai Hospital

**An update on diagnostic and prognostic biomarkers in Parkinson's disease**

Chairs : Masahiko Tomiyama

Department of Neurology, Hirosaki University Graduate School of Medicine

Tetsuya Maeda

Division of Neurology and Gerontology, Department of Internal Medicine,  
School of Medicine, Iwate Medical University**HT-11-1 Neuroimaging biomarkers in Parkinson's disease and related disorders**

Taku Hatano

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

**HT-11-2 Intestinal microbiota as biomarkers**

Masaaki Hirayama

Nagoya University Graduate School of Medicine, Japan

**HT-11-3 Biofluid biomarkers for parkinsonian disorders: focusing on blood-based biomarkers**

Takahiko Tokuda

Department of Molecular Pathobiology of Brain Diseases, Kyoto Prefectural University of  
Medicine, Japan

**HT-11-4 Pathological biomarker****Renpei Sengoku**

Departments of Neurology and Neuropathology, Tokyo Metropolitan Geriatric Hospital, Japan

**HT-12 Hot Topics 12****Jp**

Sep 1 (Tue) 14 : 15 ~ 15 : 45 Room 02 (Okayama Convention Center 4F Conference Room 407)

**Hot topics of spinal cord diseases including cervical and lumbar spondylosis**

Chairs : Tetsuo Ando

Anjo Kosei Hospital, Department of Neurology

Hirokazu Furuya

Department of Neurology, Kochi Medical School, Kochi University

**HT-12-1 Clinico-pathology in cervical spondylosis****Takashi Kameyama**

Department of Neurology, Chubu Rosai Hospital

**HT-12-2 Large neurological data analysis to improve the diagnostic accuracy of cervical lesions****Hirokazu Furuya**

Department of Neurology, Kochi Medical School, Kochi University

**HT-12-3 Differential diagnosis and surgical indication of lumbar spinal diseases****Tetsuo Ando**

Anjo Kosei Hospital, Department of Neurology

**HT-12-4 Pathophysiology and management of low back pain - from the perspective of Rehabilitation Medicine****Noriaki Hattori**

Department of Rehabilitation Medicine, Toyama University Hospital

**HT-13 Hot Topics 13****Jp**

Sep 1 (Tue) 16 : 00 ~ 17 : 30 Room 01 (Okayama Convention Center 4F Conference Room 405)

**Recent advances in tauopathies**

Chairs : Yoshio Tsuboi

Department of Neurology, Fukuoka University

Ichiro Yabe

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

**HT-13-1 Neuropathology of tauopathies****Mari Yoshida**

Institute for Medical Science of Aging, Aichi Medical University

**HT-13-2 Genetic aspects of typical and atypical tauopathy****Ichiro Yabe**

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

**HT-13-3 Clinical aspects and therapeutic advances in tauopathies**

Shinsuke Fujioka

Department of Neurology, Fukuoka University Faculty of Medicine

**HT-13-4 Molecular mechanisms of neurodegenerative tauopathies**

Masato Hasegawa

Department of Dementia and Higher Brain Function, Tokyo Metropolitan Institute of Medical Science

**HT-14 Hot Topics 14****Jp**

Sep 1 (Tue) 16:00 ~ 17:30 Room 02 (Okayama Convention Center 4F Conference Room 407)

**Radiological and pathological findings of rare diseases showing cognitive disorders**

Chairs : Akira Tamaoka

Department of Neurology, University of Tsukuba

Takeshi Ikeuchi

Brain Research Institute, Niigata University

**HT-14-1 Clinical, neuroimaging, and neuropathological features of ALSP/  
HDLS**

Takeshi Ikeuchi

Brain Research Institute, Niigata University

**HT-14-2 Clinical features and pathology of fragile X-related tremor / ataxia  
syndrome (FXTAS)**

Kazuhiro Ishii

Department of Neurology, Faculty of Medicine, University of Tsukuba

**HT-14-3 Imaging and pathology of CADASIL or CARASIL**

Toshiki Mizuno

Dept. of Neurology, Kyoto Prefectural Univ. of Medicine

**HT-14-4 Radiological and histopathological findings of Neuronal intranuclear  
inclusion disease : NIID**

Jun Sone

National Hospital Organization Suzuka National Hospital

**G New Guideline****Jp**

Sep 1 (Tue) 10:45 ~ 12:15

Room 12 (Okayama International Center 8F Event Hall)

**Dystonia, SCD/MSA, HAM**

Chairs : Haruo Hanyu

Department of Geriatric Medicine, Tokyo Medical University

Muneshige Tobita

Department of Neurology, Yonezawa National Hospital, National Hospital Organization

**G-1 Japanese guidelines on diagnosis and treatment of dystonias**

Takahiro Mezaki

Department of Neurology, Sakakibara Hakuho Hospital

**G-2**

**The essence of the clinical guideline for spinocerebellar ataxia and multiple system atrophy**

**Kunihiro Yoshida**

Division of Neurogenetics, Department of Brain Disease Research, Shinshu University School of Medicine

**G-3**

**HAM clinical guidelines based on real world evidence**

**Tomoo Sato**

Institute of Medical Science, St. Marianna University School of Medicine