

**HT-10 Hot Topics 10****En**

May 25 (Sat) 8:00 ~ 10:00 Room 4 (Osaka International Convention Center 10F Conference Room 1001-1002)

**Motor neuron diseases in the era after translational research**

Chairs : Makoto Urushitani

Department of Neurology, Shiga University of Medical Science, Japan

Kentaro Sahashi

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

**HT-10-1 Molecular mechanisms of neuromuscular degeneration in spinal and bulbar muscular atrophy**

Madoka Iida

Nagoya Univ. Graduate School of Medicine, Department of Neurology, Japan

**HT-10-2 Pathogenesis and Therapy of Spinal Muscular Atrophy**

Yuh-Jyh Jong

Graduate Institute of Clinical Medicine, College of Medicine, Kaohsiung Medical University, Taiwan / Departments of Pediatrics and Laboratory Medicine, Kaohsiung Medical University Chung-Ho Memorial Hospital, Taiwan / College of Biological Science and Technology, National Chiao Tung University, Taiwan

**HT-10-3 Oligonucleotide drug for treatment of ALS**

Takanori Yokota

Dept. of Neurology and Neurological Science, Tokyo Medical and Dental Univ., Japan

**HT-10-4 Investigation and Drug Development of ALS using iPSCs technology and Clinical Trial**

Hideyuki Okano

Keio University School of Medicine, Japan

**S-31 Symposium 31****Jp**

May 25 (Sat) 8 : 00 ~ 10 : 00 Room 5 (Osaka International Convention Center 10F Conference Room 1005-1007)

**Cutting edge of the diagnosis and management of hereditary neuropathies**

Chairs : Hiroshi Takashima

Department of Neurology and Geriatrics, Kagoshima University

Haruki Koike

Department of Neurology, Nagoya University Graduate School of Medicine

**S-31-1 Pathogenesis and treatments of hereditary transthyretin amyloidosis**

Mitsuharu Ueda

Department of Neurology, Kumamoto University Hospital

**S-31-2 Clinical genetic characteristics of distal hereditary motor neuropathy**

Akihiro Hashiguchi

Neurology, Neurological Disease Center, Kagoshima University Hospital

**S-31-3 Recent topics of Charcot-Marie-Tooth disease**

Masanori Nakagawa

Director of North Medical Center, Kyoto Prefectural University of Medicine

**S-31-4 Predictive genetic testing and genetic counseling for hereditary neurological diseases**

Yoshiki Sekijima

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

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

May 25 (Sat) 8 : 00 ~ 10 : 00 Room 6 (Osaka International Convention Center 10F Conference Room 1009)

**Cooperation between neurologists and patients/patient groups in medical cares for neurological intractable diseases**

Chairs : Tetsuo Komori

National Hakone Hospital, Center for Neuromuscular and Intractable Disease

Seiji Kikuchi

National Hospital Organization Hokkaido Medical Center

**S-32-1 Collaboration between patient Groups and healthcare Professions in Japan**

Tateo Ito

Japan Patients Association

**S-32-2 Cooperation in World Parkinson Congress**

Satoshi Orimo

Department of Neurology, Kanto Central Hospital

**S-32-3 Participation of Patients with Parkinson's disease in creation for clinical practice PD guideline**

Nobutaka Hattori

Department of Neurology, Juntendo University

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**S-32-4**    An initiative to enhance the incorporation of the Patient's Voice in Drug Development by U.S.FDA  
Ken Sakushima  
Pharmaceuticals and Medical Devices Agency

**S-33 Symposium 33**

**Jp**

May 25 (Sat) 8 : 00 ~ 10 : 00    Room 9 (Osaka International Convention Center 12F Conference Hall)

**Induction of neuroplasticity for neurorehabilitation**

Chairs : Takashi Nakajima  
Niigata National Hospital, National Hospital Organization  
Mieko Ogino  
International University of Health and Welfare, School of Medicine, Office of Medical Education

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**S-33-1**    Development of therapeutic strategies to repair neuronal network for the CNS diseases

Toshihide Yamashita  
Graduate School of Medicine, Osaka University

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**S-33-2**    Multidimensional Imaging of Neuroplastic Changes in Support for Neurorehabilitation

Takashi Hanakawa  
Integrative Brain Imaging Center, National Center of Neurology and Psychiatry

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**S-33-3**    Near Infrared Spectroscopy-mediated neurofeedback for functional recovery after neurological disease

Masahito Mihara  
Department of Neurology, Kawasaki Medical School

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**S-33-4**    Clinical trials with robotic wear curara® for patients with neurological disorders

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

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**S-33-5**    Induction of plasticity using by an artificial neural connection

Yukio Nishimura  
Tokyo Metropolitan Institute of Medical Science

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Symposium

## The next frontier in neuroimmunology: anti-complement therapeutics and its clinical question

Chairs : Akio Suzumura

Kaikokai-Josai Hospital

Satoshi Kamei

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

### S-34-1 Eculizumab treatment in myasthenia gravis

Hiroyuki Murai

International University of Health and Welfare

### S-34-2 Eculisumab treatment for patients with Guillan-Barré Syndrome

Yukari Sekiguchi

Department of neurology, Chiba university

### S-34-3 Can anti-complement drugs change the treatment of NMOSD?

Kazuo Fujihara

Southern TOHOKU Research Institute for Neuroscience / Department of Multiple Sclerosis Therapeutics, Fukushima Medical University School of Medicine

### S-34-4 Neuro-infection and the complement system

Satoshi Kamei

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

### S-34-5 Complement update

Taroh Kinoshita

Research Institute for Microbial Diseases, Osaka University

## Progressive multifocal leukoencephalopathy in the era of disease-modifying therapies

Chairs : Motohiro Yuki take

Kouhoukai Takagi Hospital, Division of Neurology, Japan

Nobuo Sanjo

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

### S-35-1 Progressive multifocal leukoencephalopathy in the era of disease-modifying therapies

David B. Clifford

Washington University in St Louis, USA

### S-35-2 A controlled inflammation and a regulatory immune system are associated with better prognosis of PML

Nobuo Sanjo

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

**S-35-3** Characteristics of MR imaging on progressive multifocal leukoencephalopathy and recent advance

Masafumi Harada

Department of Radiology, Tokushima University, Japan

**S-35-4** JC virus detection methods in the cerebrospinal fluid for PML-diagnosis; past, present, and future

Masayuki Saijo

Department of Virology 1, National Institute of Infectious Diseases, Japan

**S-35-5** Genetic backgrounds of Japanese MS and JC virus antibody

Noriko Isobe

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

### S-36 Symposium 36

Jp

May 25 (Sat) 8:00 ~ 10:00 Room 12 (Osaka International Convention Center 11F Conference Room 1101-1102)

**Let's think about the diversity of female doctor's way of working**

Chairs : Mutsumi Iijima

Department of Neurology, Tokyo Womens Medical University

Ayae Kinoshita

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

**S-36-1** The present status and problems in Asian female neurologists and university faculty

Ayae Kinoshita

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

**S-36-2** Tips on how to develop and utilize female doctors

Sonoko Misawa

Department of Neurology, Chiba University Graduate School of Medicine

**S-36-3** In the shadow of the early women doctors

Makoto Iwata

Medical Clinic Kakinokizaka

**S-36-4** Doctor's work-style; From a legal perspective

Fumiko Obata

Graduate School of Human and Environmental Studies, Kyoto University

**Pathogenic implication of membrane rafts in neurological disorders**

Chairs : Tatsuro Mutoh  
 Fujita Health University School of Medicine  
 Nobutaka Hattori  
 Department of Neurology, Juntendo University

**S-37-1 Membrane rafts and Neurological Disorders - Introduction**

Tatsuro Mutoh  
 Department of Neurology, Fujita Health University School of Medicine

**S-37-2 Alzheimer pathology and membrane rafts**

Wataru Araki  
 National Institute of Neuroscience, NCNP

**S-37-3 Alteration of lipid metabolism in Parkinson's disease**

Taku Hatano  
 Department of Neurology, Juntendo University

**S-37-4 Membrane rafts and Neuroimmune Disorders**

Akihiro Ueda  
 Department of Neurology, Fujita Health University School of Medicine

**The selfish immune system affect generosity and altruism**

Chairs : Kazumasa Yokoyama  
 Department of neurology of Juntendo University  
 Shunya Nakane  
 Department of Neurology (Molecular Neurology and Therapeutics),  
 Kumamoto University Hospital

**S-38-1 The selfish immune system and memory**

Kazumasa Yokoyama  
 Department of Neurology of Juntendo University / Department of Treatment and Research in  
 Multiple Sclerosis and Neuro-intractable disease

**S-38-2 Epigenetic change and memory in innate immunity**

Shunsuke Ishii  
 RIKEN Cluster for Pioneering Research

**S-38-3 Stress-induced emotional changes and inflammatory responses in the brain**

Tomoyuki Furuyashiki  
 Division of Pharmacology, Graduate School of Medicine, Kobe University

**S-38-4 Neuroinflammation in psychiatric disorders**

Daimei Sasayama  
 Department of Psychiatry, Shinshu University School of Medicine

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**S-38-5** Memory and emotional deficits in antibody-mediated encephalitis/  
encephalopathy

**Koutaro Takamatsu**

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

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**SS-06 Special Session 06**

Proposed symposium **En**

May 25 (Sat) 8:00 ~ 9:30 Room 7 (Osaka International Convention Center 10F Conference Room 1008)

## Neurology and ICD-11

Chairs : Raad Shakir

Imperial College of London University, UK

Hidehiro Mizusawa

National Center of Neurology and Psychiatry, Japan

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**SS-06-1** ICD-11 revision and the Japanese contribution

**Kei Mori**

International Classification and Information Management Office to the Director-General for  
Statistics, Information Policy and Policy Evaluation, Ministry of Health, Labour and Welfare

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**SS-06-2** Neurology and Neurosurgery in ICD11

**Raad Shakir**

Imperial College London University, UK

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**SS-06-3** Reserach framework for Alzheimer's disease

**Philip Scheltens**

Amsterdam University Medical Centers, The Netherlands

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**SS-06-4** Prion disease is moved from atypical infections of central nervous  
system to neurological disease

**Hidehiro Mizusawa**

National Center of Neurology and Psychiatry, Japan / Tokyo Medical and Dental University,  
Japan

Sponsored by: Nominal support: World Federation of Neurology (WFN)

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Symposium