HT-10  Hot Topics 10

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**

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

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**S-31-1**  
**Pathogenesis and treatments of hereditary transthyretin amyloidosis**  
Mitsuharu Ueda  
Department of Neurology, Kumamoto University Hospital

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**S-31-2**  
**Clinical genetic characteristics of distal hereditary motor neuropathy**  
Akihiro Hashiguchi  
Neurology, Neurological Disease Center, Kagoshima University Hospital

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**S-31-3**  
**Recent topics of Charcot-Marie-Tooth disease**  
Masanori Nakagawa  
Director of North Medical Center, Kyoto Prefectural University of Medicine

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**S-31-4**  
**Predictive genetic testing and genetic counseling for hereditary neurological diseases**  
Yoshiki Sekijima  
Department of Medicine (Neurology & Rheumatology), Shinshu University School of Medicine

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**S-32 Symposium 32**

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

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**S-32-1**  
**Collaboration between patient Groups and healthcare Professions in Japan**  
Tateo Ito  
Japan Patients Association

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**S-32-2**  
**Cooperation in World Parkinson Congress**  
Satoshi Orimo  
Department of Neurology, Kanto Central Hospital

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**S-32-3**  
**Participation of Patients with Parkinson's disease in creation for clinical practice PD guideline**  
Nobutaka Hattori  
Department of Neurology, Juntendo University
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

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

Development of therapeutic strategies to repair neuronal network for the CNS diseases
Toshihide Yamashita
Graduate School of Medicine, Osaka University

Multidimensional Imaging of Neuroplastic Changes in Support for Neurorehabilitation
Takashi Hanakawa
Integrative Brain Imaging Center, National Center of Neurology and Psychiatry

Near Infrared Spectroscopy-mediated neurofeedback for functional recovery after neurological disease
Masahito Mihara
Department of Neurology, Kawasaki Medical School

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

Induction of plasticity using by an artificial neural connection
Yukio Nishimura
Tokyo Metropolitan Institute of Medical Science
**S-34 Symposium 34**
May 25 (Sat) 8:00 ~ 10:00  Room 10 (Osaka International Convention Center 12F Grande Toque)

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 Guillain-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

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**S-35 Symposium 35**
May 25 (Sat) 8:00 ~ 10:00  Room 11 (Osaka International Convention Center 12F Conference Room 1202)

Progressive multifocal leukoencephalopathy in the era of disease-modifying therapies

**Chairs:** Motohiro Yukitake  
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
Characteristics of MR imaging on progressive multifocal leukoencephalopathy and recent advance
Masafumi Harada
Department of Radiology, Tokushima University, Japan

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

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

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 Gradate School of Medicine, School of Human Health Sciences

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

Tips on how to develop and utilize female doctors
Sonoko Misawa
Department of Neurology, Chiba University Graduate School of Medicine

In the shadow of the early women doctors
Makoto Iwata
Medical Clinic Kakinokizaka

Doctor's work-style; From a legal perspective
Fumiko Obata
Graduate School of Human and Environmental Studies, Kyoto University
### S-37 Symposium 37

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

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

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<td>Department of Neurology, Fujita Health University School of Medicine</td>
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### S-38 Symposium 38

**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

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<td>Tomoyuki Furuyashiki</td>
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<td>Neuroinflammation in psychiatric disorders</td>
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<td>Daimei Sasayama</td>
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<td>Department of Psychiatry, Shinshu University School of Medicine</td>
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Memory and emotional deficits in antibody-mediated encephalitis/encephalopathy
Koutaro Takamatsu
Department of Neurology, Graduate School of Medical Sciences, Kumamoto University

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

SS-06-1 ICD-11 revision and the Japanese contribution
Kei Mori

SS-06-2 Neurology and Neurosurgery in ICD11
Raad Shakir
Imperial College London University, UK

SS-06-3 Research framework for Alzheimer's disease
Philip Scheltens
Amsterdam University Medical Centers, The Netherlands

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

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