### OC-01 Overcome the Challenges of Neurological Disorders 01

**May 23 (Wed) 13:20 ~ 15:10**  
Room3 (Sapporo Geibunkan [Hourai] 3F)

**Can we diagnose and follow up ALS, early and accurately?**

**Chairs:**  
Osamu Onodera  
Department of Neurology, BRI, Niigata University  
Sonoko Misawa  
Department of Neurology, Chiba University Graduate School of Medicine

| OC-01-1 | Signs and symptoms of early stage ALS: especially, differential diagnosis from cervical spondylosis  
Tetsuo Ando  
Department of Neurology, Anjo Kosei Hospital |
|---------|--------------------------------------------------------------------------------------------------|
| OC-01-2 | Practice and usefulness of muscle ultrasound in diagnosis of ALS in early stage  
Hiroki Yamazaki  
Department of Neurology, Tokushima University Hospital |
| OC-01-3 | Early diagnosis of ALS: the role of electrodiagnostic tests  
Masahiro Sonoo  
Department of Neurology, Teikyo University School of Medicine |
| OC-01-4 | In-vivo imaging of the pathogenetic cascade in ALS  
Makoto Higuchi  
National Institute of Radiological Sciences, National Institutes for Quantum and Radiological Science and Technology |
| OC-01-5 | The utility of the examination of the cerebrospinal fluid  
Masato Hosokawa  
Dementia Research Project, Tokyo Metropolitan Institute of Medical Science |
| OC-01-6 | Basic and clinical analysis of symptom spread in ALS  
Takanori Yokota  
Department of Neurology and Neurological Science, Tokyo Medical and Dental University |
Research frontline of hereditary cerebellar ataxias

Chairs: Yoshio Ikeda
Department of Neurology, Gunma University Graduate School of Medicine, Japan
Yuji Takahashi
National Center of Neurology and Psychiatry, Japan

OC-02-1 SCA31: molecular pathogenesis and role of RNA chaperone
Kinya Ishikawa
The Center for Personalized Medicine for Healthy Aging, Tokyo Medical and Dental University, Japan / Department of Neurology and Neurological Science, Graduate School, Tokyo Medical and Dental University, Japan

OC-02-2 Repeat associated Non-AUG initiated (RAN) translation in Fragile X-associated Tremor Ataxia Syndrome
Peter K. Todd
University of Michigan, USA

OC-02-3 SCA42: new calcium channelopathy
Hideshi Kawakami
Department of Epidemiology Research Institute for Radiology & Medicine, Hiroshima University, Japan

OC-02-4 Molecular Pathology of Spinocerebellar Ataxia 10
Tetsuo Ashizawa
Houston Methodist Research Institute, USA

Nucleic acid therapeutics

Chairs: Takanori Yokota
Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan
Yoshitsugu Aoki
Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP), Japan

HT-02-1 Engineering selectivity into therapeutic oligonucleotides through chemical design
Punit P. Seth
Ionis Pharmaceuticals, Inc., Canada

HT-02-2 Antisense therapy for Fukuyama congenital muscular dystrophy
Tatsushi Toda
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Japan
HT-02-3  Recent progress of DNA/RNA heteroduplex oligonucleotide  
Tetsuya Nagata  
Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan

HT-02-4  A first Antisense Oligonucleotide (ASO) therapy, Nusinersen, for Spinal Muscular Atrophy  
Shinichi Torii  
Biogen Japan Ltd., Japan

Co-hosted by: Nucleic Acids Therapeutics Society of Japan

G-01  New Guideline 01  
May 23 (Wed) 13:20 ~ 14:50  
Room4 (Sapporo Geibunkan [Reimei] 3F)

New epilepsy guideline  
Chairs: Naoki Akamatsu  
Department of Neurology, International University of Health and Welfare / Neuroscience Center, Fukuoka Sanno Hospital  
Masahiro Mizobuchi  
Epilepsy Center, Department of Neurology, Nakamura Memorial Hospital

G-01-1  Epilepsy and the driver’s license  
Kazutaka Jin  
Department of Epileptology, Tohoku University Graduate School of Medicine

G-01-2  Antiepileptic treatment in women of childbearing age  
Masako Kinoshita  
Department of Neurology, Utano National Hospital

G-01-3  New guideline on the management of status epilepticus  
Masahiro Mizobuchi  
Epilepsy Center, Department of Neurology, Nakamura Memorial Hospital

G-01-4  Selection of anti-epileptic medicine  
Naoki Akamatsu  
Department of Neurology, International University of Health and Welfare / Neuroscience Center, Fukuoka Sanno Hospital
Frontiers in inflammatory myopathies

Chairs: Ichizo Nishino
Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry
Jun Shimizu
Department of Neurology, The University of Tokyo Hospital

S-01-1 Classification of myositis
Ichizo Nishino
Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry

S-01-2 Anti-ARS myopathy
Shigeaki Suzuki
Department of Neurology, Keio University School of Medicine

S-01-3 Cancer associated myositis
Jun Shimizu
Department of Neurology, The University of Tokyo Hospital

S-01-4 The cutting edge of sporadic inclusion body myositis
Satoshi Yamashita
Department of Neurology, Graduate School of Medical Sciences, Kumamoto University

S-01-5 Dermatomyositis
Yoshinao Muro
Division of Connective Tissue Disease & Autoimmunity, Department of Dermatology, Nagoya University Graduate School of Medicine

Spastic paraplegia: up to date

Chairs: Yoshihisa Takiyama
Department of Neurology, Graduate School of Medical Sciences, University of Yamanashi
Fumiaki Tanaka
Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine

S-02-1 Japan Spastic Paraplegia Research Consortium: what is known about hereditary spastic paraplegia
Kishin Koh
Department of Neurology, University of Yamanashi

S-02-2 Intrathecal baclofen therapy for hereditary spastic paraplegia
Yuta Ichinose
Department of Neurology, Graduate School of Medical Sciences, University of Yamanashi
**S-02-3**  Alcoholic and nutritional myelopathies  
Haruki Koike  
Department of Neurology, Nagoya University Graduate School of Medicine

**S-02-4**  Recent progress in the research for HTLV-1-associated Myelopathy (HAM) brought by patient registry  
Yoshihisa Yamano  
Department of Rare Diseases Research, Institute of Medical Science, St. Marianna University School of medicine / Department of Advanced Medical Innovation, St. Marianna Graduate School of Medicine

**S-03 Symposium 03**  
May 23 (Wed) 9:50 ~ 11:50  
Room14 (Royton Sapporo [Pearl Hall AB] 20F)

**The key molecules in the pathogenesis of ALS and prospects for therapeutic development**

**Chairs:** Naoki Atsuta  
Department of Neurology, Nagoya University Hospital  
Makoto Urushitani  
Department of Neurology, Shiga University of Medical Science

**S-03-1**  Toward understanding the molecular pathogenesis of ALS; a lesson from causative genes  
Osamu Onodera  
Department of Neurology, BRI, Niigata University

**S-03-2**  ALS and autophagy related genes  
Hirofumi Maruyama  
Department of Clinical Neuroscience and Therapeutics, Graduate School of Biomedical & Sciences, Hiroshima University

**S-03-3**  Analysis of ALS pathogenesis using TDP-43 knockin mouse model  
Yukio Kawahara  
Department of RNA Biology and Neuroscience, Graduate School of Medicine, Osaka University

**S-03-4**  Functional Significance of FUS/TLS in ALS/FTLD  
Shinsuke Ishigaki  
Department of Neurology, Nagoya University Graduate School of Medicine / Department of Therapeutics for Intractable Neurological Disorders, Nagoya University Graduate School of Medicine

**S-03-5**  ALS drug discovery and development using patient iPSCs  
Haruhisa Inoue  
Dept. of Cell Growth and Differentiation, Center for iPS Cell Research and Application, Kyoto University
### S-04 Symposium 04

**Expansion of the clinical spectrum of autoimmune encephalitis**

**Chairs:**
- Makoto Yoneda  
  Faculty of Nursing and Social Welfare Sciences, Fukui Prefectural University
- Kazumasa Yokoyama  
  Department of Neurology of Juntendo University

| S-04-1 | Overview of autoantibodies and clinical spectrum in autoimmune encephalitis
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<tr>
<td>Takahiro Iizuka</td>
<td>Department of Neurology, Kitasato University School of Medicine</td>
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| S-04-2 | DPPX antibody-associated encephalitis: Clinical spectrum of anti-DPPX syndrome and antibody effects
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<td>Makoto Hara</td>
<td>Division of Neurology, Department of Medicine, Nihon University School of Medicine</td>
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| S-04-3 | Chronic lymphocytic inflammation with pontine perivascular enhancement responsive to steroids update
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<tr>
<td>Kazumasa Yokoyama</td>
<td>Department of Neurology of Juntendo University</td>
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| S-04-4 | Progressive encephalomyelitis with rigidity and myoclonus (PERM)
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<td>Nobuya Fujita</td>
<td>Nagaoka Red Cross Hospital</td>
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| S-04-5 | New-onset refractory status epilepticus (NORSE)
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<tr>
<td>Tatsusada Okuno</td>
<td>Department of Neurology, Osaka University Graduate School of Medicine</td>
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| S-04-6 | Anti-acetylcholine receptor antibodies and encephalitis/encephalopathy
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<tr>
<td>Shunya Nakane</td>
<td>Department of Neurology (Molecular Neurology and Therapeutics), Kumamoto University Hospital</td>
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### S-05 Symposium 05

**Medical care for acute stroke**

**Chairs:**
- Kazumi Kimura  
  Department of Neurological Science, Nippon Medical School
- Yasushi Okada  
  National Hospital Organization Kyushu Medical Center

| S-05-1 | Prehospital stroke management for thrombolysis
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<tr>
<td>Yasuyuki Iguchi</td>
<td>Department of Neurology, the Jikei University School of Medicine</td>
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S-05-2  Future perspective of intravenous t-PA therapy in acute ischemic stroke
Masatoshi Koga
Division of Stroke Care Unit, National Cerebral and Cardiovascular Center

S-05-3  Future prospects for endovascular therapy in patients with acute ischemic stroke
Kentaro Suzuki
Nippon Medical School Department of Neurology

S-05-4  Future of Stroke Center
Shigeru Fujimoto
Division of Neurology, Department of Medicine, Jichi Medical University

S-05-5  Future Directions of Stroke Rehabilitation
Wataru Kakuda
Department of Rehabilitation Medicine, International University of Health and Welfare