

# Hot Topics 01

**HT-01 May 18 (Wed) 9:50~11:50 Room2**

(Kobe International Exhibition Hall [Exhibition Hall A] Hall No.1 Building, 2nd Floor)

Genetics in Clinical Strokology

Chairs: Hidekazu Tomimoto

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

Osamu Onodera

(Department of Neurology, Brain Research Institute, Niigata University)

**HT-01-1 Progress of the research in CADASIL**

Speaker: Toshiki Mizuno

(Department of Neurology, Kyoto Prefectural University of Medicine)

**HT-01-2 Molecular mechanism of cerebral small vessel disease. Lesson from CARASIL**

Speaker: Osamu Onodera

(Department of Neurology, Brain Research Institute, Niigata University)

**HT-01-3 Cerebrovascular diseases associated with RNF213**

Speaker: Satoru Miyawaki

(Department of Neurosurgery, The University of Tokyo)

**HT-01-4 What is molecular mechanism of Marfan syndrome?**

Speaker: Jun Goto

(International University of Health and Welfare, Mita Hospital, Department of Neurology)

HT-02 May 18 (Wed) 9:50~11:50 Room4

(Kobe International Exhibition Hall [Room 3A] Hall No.2 Building, 3rd Floor)

Myasthenia gravis: New insights and overview

Chairs: Naoko Matsui

(Department of Neurology, Tokushima University Hospital)

Tomihiko Imai

(Sapporo Medical University School of Health Sciences)

HT-02-1 Perspective in the study of Japanese Clinical  
Guideline and overview

Speaker: Tomihiko Imai

(Sapporo Medical University School of Health Sciences)

HT-02-2 Thymectomy in Non-thymomatous Myasthenia  
Gravis: MGTX study a Randomized, Controlled  
Trial

Speaker: Hiroaki Yoshikawa

(Kanazawa University, Health Service Center)

HT-02-3 Inflammatory Markers of Myasthenia Gravis

Speaker: Akiyuki Uzawa

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

HT-02-4 Intrathymic pathogenesis in various Myasthenia  
Gravis (MG) subgroups

Speaker: Alexander Marx

(University of Heidelberg, Germany)

HT-02-5 Approach from T cell development in MG thymus

Speaker: Naoko Matsui

(Department of Neurology, Tokushima University Hospital)

## Hot Topics 03



**HT-03 May 18 (Wed) 9:50~11:50 Room5**

(Kobe International Exhibition Hall [Room 2A] Hall No.2 Building, 2nd Floor)

Cutting edge of metabolic/hereditary neuropathies

Chairs: Satoshi Kuwabara

(Department of Neurology, Chiba University)

Haruki Koike

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

**HT-03-1 Cutting-edge therapies for amyloid neuropathy**

Speaker: Yoshiki Sekijima

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

**HT-03-2 Therapeutic strategy for Charcot-Marie-Tooth  
disease**

Speaker: Masanori Nakagawa

(North Medical Center, Kyoto Prefectural University of  
Medicine)

**HT-03-3 Current therapeutic strategies for POEMS  
syndrome**

Speaker: Sonoko Misawa

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

**HT-03-4 Chemotherapy-induced Peripheral Neuropathy:  
From Pathophysiology to Neuroprotection**

Speaker: Susanna B. Park

(Brain and Mind Centre, University of Sydney, Australia)

## Hot Topics 04

**HT-04 May 18 (Wed) 13:15~15:15 Room5**

**(Kobe International Exhibition Hall [Room 2A] Hall No.2 Building, 2nd Floor)**

Animal models for studying neurological diseases: from worms to primates

Chairs: Yoshitaka Nagai

(Department of Neurotherapeutics, Osaka University  
Graduate School of Medicine/Department of Degenerative  
Neurological Diseases, National Center of Neurology and  
Psychiatry)

Koji Yamanaka

(Research Institute of Environmental Medicine, Nagoya  
University)

**HT-04-1** Caenorhabditis elegans as a model animal for research on neurodegenerative diseases

Speaker: Yoshiaki Furukawa

(Department of Chemistry, Keio University)

**HT-04-2** Drosophila models to study human neurodegenerative diseases

Speaker: Yoshitaka Nagai

(Department of Neurotherapeutics, Osaka University  
Graduate School of Medicine/Department of Degenerative  
Neurological Diseases, National Center of Neurology and  
Psychiatry)

**HT-04-3** From Fish to Human Neurological Disorders

Speaker: Hideaki Matsui

(Department of Neuroscience of Disease, Center for  
Transdisciplinary Research, Niigata University/Brain  
Research Institute, Niigata University)

**HT-04-4** CRISPR/Cas9 mediated genome editing in mice

Speaker: Masahito Ikawa

(Research Institute for Microbial Diseases, Osaka University)

**HT-04-5** Disease Modeling using transgenic marmosets

Speaker: Hideyuki Okano

(Keio University School of Medicine, Department of  
Physiology)

Co-hosted by : The Japan Neuroscience Society

## Hot Topics 05

**HT-05 May 18 (Wed) 13:15~15:15 Room7**  
**(Kobe Portopia Hotel [Kairaku 1] Main Building B1F)**

MRI on the edge

Chairs: Aya M. Tokumaru

(Department of Diagnostic Radiology, Tokyo Metropolitan  
Medical Center of Gerontology)

Masafumi Harada

(Department of Radiology, Tokushima University)

**HT-05-1 Different visualization of transparent brain by MR  
imaging**

Speaker: Shigeki Aoki

(Department of Radiology, Juntendo University)

**HT-05-2 Visualization of Brain Structures and Oxygen  
Metabolism using Quantitative Susceptibility  
Mapping**

Speaker: Kohsuke Kudo

(Department of Diagnostic and Interventional Radiology,  
Hokkaido University Hospital)

**HT-05-3 Looking into microstructures in the brain using  
diffusion images**

Speaker: Toshiaki Taoka

(Department of Radiology, Nagoya University)

**HT-05-4 Inspection of brain activity: Brain function  
evaluation by noninvasive CBF measurement using  
ASL-MRI**

Speaker: Tomoyuki Noguchi

(Department of Radiology, National Center for Global Health  
and Medicine (NCGM))

**HT-05-5 Seeing a dreaming brain -Human brain activity  
accompanying rapid eye movements during REM  
sleep-**

Speaker: Satoru Miyauchi

(National Institute of Information and Communications  
Technology)

## Hot Topics 06 (Proposed Symposium)



**HT-06 May 19 (Thu) 8:00~10:00 Room14**  
**(Kobe International Conference Center [Meeting Room 501] 5F)**

Neuroregeneration and nucleic acid medicine

Chairs: Hideyuki Okano

(Keio University School of Medicine, Department of  
Physiology)

Masayuki Nakamori

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

**HT-06-1 Antisense Oligonucleotide Therapies for the  
Treatment of Neurodegenerative Diseases**

Speaker: Frank Bennett

(IONIS Pharmaceuticals, USA)

**HT-06-2 Novel oligonucleotide based on DNA/RNA  
heteroduplex structures**

Speaker: Kazutaka Nishina

(Department of Neurology and Neurological Science, Graduate  
School, Tokyo Medical and Dental University)

**HT-06-3 Therapeutic development using cell penetrating,  
asymmetric RNAi triggers**

Speaker: Dong-ki Lee

(Department of Chemistry, Sungkyunkwan University,  
Korea)

**HT-06-4 Migration and maturation of new neurons in the  
normal and injured adult brain**

Speaker: Kazunobu Sawamoto

(Department of Developmental and Regenerative Biology,  
Nagoya City University Graduate School of Medical Sciences)

**HT-06-5 The role of adult neural stem cell-neurogenesis in  
the pathogenesis of psychiatric disorders**

Speaker: Seiji Hitoshi

(Department of Integrative Physiology, Shiga University of  
Medical Science)

HT-06-6 Unique embryonic neurogenesis in the hippocampus, an adult neurogenic region

Speaker: Tatsunori Seki

(Department of Histology and Neuroanatomy, Tokyo Medical University)

## Hot Topics 07 (Proposed Symposium)

**HT-07 May 19 (Thu) 15:15~16:55 Room2**

(Kobe International Exhibition Hall [Exhibition Hall A] Hall No.1 Building, 2nd Floor)

Embolic strokes of undetermined source (ESUS): a new therapeutic target

Chairs: Shinichiro Uchiyama

(Clinical Research Center for Medicine, International University of Health and Welfare)

Kazunori Toyoda

(Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center)

HT-07-1 Management of stroke patients with definite embolic sources

Speaker: Masahiro Yasaka

(Department of Cerebrovascular Medicine and Neurology, Cerebrovascular Center, Clinical Research Institute, Kyushu Medical Center)

HT-07-2 Embolic strokes of undetermined source (ESUS): a new clinical construct

Speaker: Satoru Ishibashi

(Department of Neurology and Neurological Science, Tokyo Medical and Dental University)

HT-07-3 Embolic source detection from ESUS to Embolic Stroke of Ascertained Source (ESAS)

Speaker: Yasuyuki Iguchi

(Department of Neurology, Jikei University School of Medicine)

HT-07-4 How to prevent recurrence of embolic stroke of undetermined source

Speaker: Shinichiro Uchiyama

(Clinical Research Center for Medicine, International University of Health and Welfare)

Co-hosted by : Japanese Heart Rhythm Society

## Hot Topics 08



**HT-08 May 19 (Thu) 15:15~17:15 Room6**

(Kobe International Exhibition Hall [Room 3B] Hall No.2 Building, 3rd Floor)

Molecular dissection of spastic paraplegia

Chairs: Toshitaka Kawarai

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

Hiroyuki Ishiura

(Department of Neurology, The University of Tokyo)

HT-08-1 Emerging genetic and cellular insights into HSP pathogenesis

Speaker: Craig Blackstone

(NINDS, US National Institutes of Health, USA)

HT-08-2 Molecular epidemiology of HSPs in Japan

Speaker: Kishin Koh

(Department of Neurology, University of Yamanashi)

HT-08-3 Genetic Analysis in a Cohort of Taiwanese Patients with Hereditary Spastic Paraplegia

Speaker: Chin-Song Lu

(Chang Gung Medical Center at Linkou and Chang Gung University, Taiwan)

HT-08-4 Strategies for identifying causative genes of HSP

Speaker: Hiroyuki Ishiura

(Department of Neurology, The University of Tokyo)

HT-08-5 A Homozygous loss-of-function mutation in DNAJA3 causes HMSN type V

Speaker: Toshitaka Kawarai

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



**HT-09 May 19 (Thu) 15:15~16:55 Room15**

**(Kobe International Conference Center [Meeting Room502] 5F)**

Combining imaging and therapy: Neuroimaging-based companion diagnostics and theranostics

Chairs: Makoto Higuchi

(Molecular Imaging Center, National Institute Radiological Sciences)

Makoto Yoneda

(Faculty of Nursing and Social Welfare Sciences, Fukui Prefectural University)

**HT-09-1 In vivo monitoring of AADC gene delivery by PET**

Speaker: Shin-ichi Muramatsu

(Division of Neurology, Jichi Medical University / Center for Gene & Cell Therapy, The Institute of Medical Science, The University of Tokyo)

**HT-09-2 The Role of Amyloid and Tau Imaging in Clinical Trials in Alzheimer's Disease**

Speaker: Michael D. Devous

(Vice President, Avid Radiopharmaceuticals, Inc., USA)

**HT-09-3 Imaging and treatment targeting adenosine receptors in Parkinson's disease**

Speaker: Masahiro Mishina

(Department of Neuro-pathophysiological Imaging, Graduate School of Medicine, Nippon Medical School / Research Team for Neuroimaging, Tokyo Metropolitan Institute of Gerontology)

**HT-09-4 In vivo Imaging for Monitoring Differentiation and Manipulating Function of iPS Cells**

Speaker: Bin Ji

(National Institute of Radiological Sciences)

# Hot Topics 10

**HT-10 May 20 (Fri) 8:00~10:00 Room3**

(Kobe International Exhibition Hall [Exhibition Hall B] Hall No.1 Building, 2nd Floor)

Autoantibodies in Neuroimmunological Disorders: Treatable pathophysiology that we should know

Chairs: Takahiro Iizuka

(Department of Neurology, Kitasato University School of Medicine)

Shunya Nakane

(Department of Neurology (Molecular Neurology and Therapeutics), Kumamoto University Hospital)

**HT-10-1 Neuroimmunological diseases and autoantibodies: Progress in these 10 years**

Speaker: Takashi Inuzuka

(Department of Neurology & Geriatrics, Gifu University Graduate School of Medicine)

**HT-10-2 Clinical spectrum and pathophysiology of NMDA receptor antibody-associated syndrome**

Speaker: Takahiro Iizuka

(Department of Neurology, Kitasato University School of Medicine)

**HT-10-3 Anti-GAD antibody associated syndrome**

Speaker: Kazunori Nanri

(Tokyo Medical University Hachioji Medical Center)

**HT-10-4 Anti-VGKC complex antibodies associated disorders**

Speaker: Osamu Watanabe

(Department of Neurology, Kagoshima University Hospital)

**HT-10-5 Clinical and pathological significances of autoantibodies to LRP4**

Speaker: Osamu Higuchi

(Department of Clinical Research, Nagasaki Kawatana Medical Center)

HT-10-6 Anti-nicotinic acetylcholine receptor antibody mediated neuroimmunological syndrome

Speaker: Shunya Nakane

(Department of Neurology (Molecular Neurology and Therapeutics), Kumamoto University Hospital)

Co-hosted by : The Japanese Society for Neuroimmunology

## Hot Topics 11

**HT-11 May 20 (Fri) 8:00~10:00 Room7**

**(Kobe Portopia Hotel [Kairaku 1] Main Building B1F)**

SCA Research-How Far We've Come and What Lies Ahead?

Chairs: Kinya Ishikawa

(The Center of Personalized Medicine for Healthy Aging,  
Tokyo Medical and Dental University)

Kei Watase

(Center for Brain Integration Research, Tokyo Medical and  
Dental University)

HT-11-1 A heterozygous mutation in ELOVL4 leading to SCA34

Speaker: Kokoro Ozaki

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

HT-11-2 Role of microglial response in the pathogenesis of SCA6

Speaker: Kei Watase

(Center for Brain Integration Research, Tokyo Medical and  
Dental University)

HT-11-3 Investigation of spinocerebellar ataxia utilizing patient-derived iPS cells

Speaker: Keiko Muguruma

(RIKEN CDB)

HT-11-4    Generation of a transgenic common marmoset model for Spinocerebellar Ataxia Type 3

Speaker: Ikuo Tomioka

(Shinshu University, Institute for Biomedical Science/  
National Center of Neurology and Psychiatry)

HT-11-5    Development of a novel gene therapy against SCA

Speaker: Hitoshi Okazawa

(Tokyo Medical and Dental University, Medical Research  
Institute, Neuropathology)

Co-hosted by : The Japan Neuroscience Society

Japanese Association of Cerebellum Research

## Hot Topics 12



HT-12    May 20 (Fri)    8:00~10:00    Room8

(Kobe Portopia Hotel [Kairaku 2] Main Building B1F)

Expanding prion concept to cerebral beta-amyloidosis

Chairs: Masahito Yamada

(Department of Neurology and Neurobiology of Aging,  
Kanazawa University Graduate School of Medical Sciences)

Takeshi Iwatsubo

(Department of Neuropathology, Graduate School of Medicine,  
The University of Tokyo)

HT-12-1    Mechanisms of transmission of prion diseases

Speaker: Atsushi Kobayashi

(Graduate School of Veterinary Medicine, Hokkaido  
University)

HT-12-2    Propagation and spreading of Alzheimer lesions

Speaker: Mathias Jucker

(Hertie Institute for Clinical Brain Research, University of  
Tübingen, Germany/German Center for Neurodegenerative  
Diseases, Tübingen, Germany)

HT-12-3    Possible iatrogenic transmission of cerebral beta-amyloidosis

Speaker: Tsuyoshi Hamaguchi

(Department of Neurology and Neurobiology of Aging,  
Kanazawa University Graduate School of Medical Science)

## HT-12-4 Progression mechanism of synucleinopathies

Speaker: Seung-Jae Lee

(Department of Biomedical Sciences, Seoul National  
University College of Medicine, Korea)

Co-hosted by : Asian Pacific Society of Prion Research

## Hot Topics 13



### HT-13 May 20 (Fri) 8:00~10:00 Room13

(Kobe International Conference Center [Meeting Rooms 401+402] 4F)

Understanding ALS pathogenesis by Updated progress in  
C9ORF72-TDP43 lineage

Chairs: Takanori Yokota

(Department of Neurology and Neurological Science, Tokyo  
Medical and Dental University)

Makoto Urushitani

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

### HT-13-1 Amyotrophic lateral sclerosis and C9ORF72/TDP-43 pathology

Speaker: Hitoshi Takahashi

(Department of Pathology, Brain Research Institute, Niigata  
University)

### HT-13-2 Deciphering the expression and function of C9ORF72 using mouse model

Speaker: Naoki Suzuki

(Department of Neurology, Tohoku University / Department  
of Stem Cell and Regenerative Biology, Harvard University,  
USA)

### HT-13-3 C9ORF72 repeat expansion in mice causes TDP-43-linked ALS

Speaker: Hiroki Sasaguri

(Department of Neuroscience, Meiyu Clinic, USA)

HT-13-4 C9orf72-Rab mediates defective vesicle trafficking in C9ALS/FTD and rescue by antisense intervention **adopted**

Speaker: Yoshitsugu Aoki

(Department of Molecular Therapy, National Institute of Neuroscience, National Center of Neurology and Psychiatry)

HT-13-5 Impaired VHL/CUL2-mediated clearance of misfolded TDP-43 underlies oligodendrocyte inclusions in ALS

Speaker: Makoto Urushitani

(Department of Neurology, Kyoto Graduate School of Medicine)

## Hot Topics 14

HT-14 May 20 (Fri) 13:15~14:55 Room7  
(Kobe Portopia Hotel [Kairaku 1] Main Building B1F)

Inflammatory myopathy- a changing concept

Chairs: Shigeaki Suzuki

(Department of Neurology, Keio University School of Medicine)

Mitsuru Kawai

(Higashisaitama National Hospital)

HT-14-1 Polymyositis: Neurology vs. Rheumatology

Speaker: Ichizo Nishino

(Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP))

HT-14-2 Clinical and pathological features of anti-HMGCR antibody-associated autoimmune myopathies

**adopted**

Speaker: Masato Kadoya

(Department of Neurology and Anti-aging Medicine, National Defense Medical College/Department of Neurology, The University of Tokyo)

HT-14-3 Dermatomyositis in dermatology -Clinical features of dermatomyositis-specific autoantibodies-

Speaker: Yukie Yamaguchi

(Department of Environmental Immuno-Dermatology,  
Yokohama City University Graduate School of Medicine)

HT-14-4 Therapeutic strategy of polymyositis/  
dermatomyositis

Speaker: Shinji Sato

(Division of Rheumatology, Department of Internal Medicine,  
Tokai University School of Medicine)

HT-14-5 Physical therapy and rehabilitation for  
inflammatory muscle disease

Speaker: Kaori Muraoka

(Keio University, School of Medicine, Department of  
Rehabilitation)

## Hot Topics 15



HT-15 May 20 (Fri) 13:15~14:55 Room8

(Kobe Portopia Hotel [Kairaku 2] Main Building B1F)

Gene therapy & regenerative medicine

Chairs: Hideki Mochizuki

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

Haruhisa Inoue

(Center for iPS Cell Research and Application, Department of  
Cell Growth and Differentiation, Kyoto University)

HT-15-1 MRI-based Platform for AAV2-GDNF and AAV-  
2AADC Gene Delivery in Parkinson's disease

Speaker: Krystof Bankiewicz

(Neurosurgery and Neurology, University of California San  
Francisco, CA, USA)

HT-15-2 Cell-Based Therapeutics for Parkinson's disease

Speaker: Jun Takahashi

(Kyoto University, Center for iPS Cell Research and  
Application)

HT-15-3 Gene therapy with antisense oligonucleotides for neurological and neuromuscular disorders

Speaker: Masayuki Nakamori

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

HT-15-4 Oscillatory control of proliferation and differentiation of neural stem cells

Speaker: Ryoichiro Kageyama

(Kyoto University, Institute for Virus Research/Kyoto University, WPI-iCeMS)

## Hot Topics 16 (Proposed Symposium)

HT-16 May 20 (Fri) 13:15~14:55 Room9

(Kobe Portopia Hotel [Kairaku 3] Main Building B1F)

Recent advances of socio-medical support for the patients with intractable diseases

Chairs: Tetsuo Komori

(National Hakone Hospital, Center for Neuromuscular and Intractable Disease)

Kouichi Mizoguchi

(Shizuoka Fuji Hospital)

HT-16-1 Co-working strategy between medical and care service for better QOL of the Nanbyo patient

Speaker: Tetsuo Komori

(National Hakone Hospital, Center for Neuromuscular and Intractable Disease)

HT-16-2 The current state of the incurable disease support and cooperation with future's medical treatment

Speaker: Hiromi Kawajiri

(Gunma Intractable Disease Support Center)

HT-16-3 Registration in the specified intractable diseases can alter medical system for muscular dystrophy

Speaker: Tsuyoshi Matsumura

(Department of Neurology, National Hospital Organization Toneyama National Hospital)



HT-16-4 Importance of study on the use of home mechanical ventilators and its contribution to home care

Speaker: Takafumi Miyachi

(National Hospital Organization, Yanai Medical Center)

## Hot Topics 17



HT-17 May 20 (Fri) 13:15~15:15 Room10

(Kobe International Conference Center [Main Hall] B1F・1F)

Translational approach for prevention and treatment of MS

Chairs: Takashi Yamamura

(Department of Immunology, National Institute of Neuroscience, NCNP)

Takayuki Kondo

(Department of Clinical Network and Collaborative Medicine, Kyoto University)

HT-17-1 Impact of Nutrition on CNS Autoimmunity and Their Therapeutic Potential for Multiple Sclerosis

Speaker: Ralf Gold

(Department of Neurology, St. Josef-Hospital/Ruhr-University Bochum, Germany)

HT-17-2 Alterations in gut flora giving clues to the cure of MS

Speaker: Sachiko Miyake

(Department of Immunology, Juntendo University School of Medicine)

HT-17-3 Investigator-Initiated Clinical Trial (first-in-human, Phase I) of invariant NKT cell ligand OCH **adopted**

Speaker: Daisuke Noto

(Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP) / Department of Immunology, Juntendo University Graduate School of Medicine)

HT-17-4 Current and future treatment for multiple sclerosis

Speaker: Ho Jin Kim

(Department of Neurology, National Cancer Center, Korea)

HT-17-5 IL-6 signal blockade for CNS autoimmune diseases

Speaker: Masakazu Nakamura

(Department of Immunology, National Institute of  
Neuroscience, National Center of Neurology and Psychiatry  
(NCNP) / Department of Neurology, Hokkaido Medical  
Center)

## Hot Topics 18

HT-18 May 21 (Sat) 8:00~10:00 Room14

(Kobe International Conference Center [Meeting Room 501] 5F)

Developments of Pathogenic Research in Demyelinating  
Diseases

Chairs: Ichiro Nakashima

(Department of Neurology, Tohoku University School of  
Medicine)

Makoto Matsui

(Department of Neurology, Kanagawa Medical University)

HT-18-1 Visualizing central nervous system myelin using  
MRI: The Myelin Map and its clinical application

Speaker: Jin Nakahara

(Department of Neurology, Keio University School of  
Medicine)

HT-18-2 Pathogenesis of secondary progressive multiple  
sclerosis

Speaker: Takashi Yamamura

(Department of Immunology, National Institute of  
Neuroscience, NCNP)

HT-18-3 Clinical features of demyelinating diseases with anti-  
MOG antibody

Speaker: Ichiro Nakashima

(Department of Neurology, Tohoku University School of  
Medicine)

HT-18-4 Combined central and peripheral demyelination  
(CCPD) as anti-Neurofascin antibody-related  
disorders

Speaker: Ryo Yamasaki

(Department of Neurology, Kyushu University Hospital)