

Symposium 1

S-01 May 21 (Wed) 10:00~11:45 Room9(FICC 411+412 4F)

How Can We Manage to Balance Work and Family Life?
Share the Experience from Various Viewpoints

Chairs: Mieko Ogino

(Kitasato University School of Medicine, Department of
Neurology)

Hiroko Nagai

(Oshiki internal medicine and neurology clinic)

S-01-1 Continuous career formation as a woman doctor

Speaker: Keiko Tanaka

(Department of Neurology/ Department of Life Science,
Medical Research Institute, Kanazawa Medical University)

S-01-2 Women physicians and Work-life balance

Speaker: Chiyoko Nohara

(Tokyo Metropolitan Health and Medical treatment
corporation Ebara Hospital)

S-01-3 $1 + 1 + 1 \geq 3$

Speaker: Sonoko Misawa

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

**S-01-4 My experience and opinion as a husband of a
full-time working woman doctor**

Speaker: Yutaka Ogino

(National Hospital Organization Hakone Hospital)

Symposium 2

S-02 May 21 (Wed) 13:10~15:10 Room2 (Sunpalace Palace Room 2F)

Transient Ischemic Attack as Acute Cerebrovascular
Syndrome

Chairs: Shinichiro Uchiyama

(Department of Neurology, Tokyo Women's Medical
University)

Kazuo Minematsu

(National Cerebral and Cardiovascular Center)

S-02-1 Concept of acute cerebrovascular syndrome and international observational study

Speaker: Shinichiro Uchiyama
(Department of Neurology, Tokyo Women's Medical University / Sanno Medical Center, International University of Health and Welfare)

S-02-2 Practical Guidelines of Transient Ischemic Attack

Speaker: Kazuo Minematsu
(National Cerebral and Cardiovascular Center)

S-02-3 COMMunity-BASEd Triage of walk-in stroke/TIA

Speaker: Yasuhiro Hasegawa
(Department of Neurology, St. Marianna University School of Medicine)

S-02-4 TIA as a medical emergency

Speaker: Yasushi Okada
(Department of Cerebrovascular Medicine and Neurology, Clinical Research Institute, National Hospital Organization Kyushu Medical Center)

Symposium 3

S-03 May 21 (Wed) 13:10~15:10 Room8(FICC 409+410 4F)

Various Sleep Disturbances in Neurological Diseases

Chairs: Koichi Hirata
(Department of Neurology, Dokkyo Medical University)
Kazushi Takahashi
(Department of Neurology, Saitama Medical University)

S-03-1 Neuromuscular Disease and Sleep Disturbance

Speaker: Mitsuru Kawai
(NHO Higashisaitama National Hospital)

S-03-2 Association between Parkinson's disease and sleep disturbance

Speaker: Takashi Nomura
(Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University)

S-03-3 Headache and Sleep Disorders

Speaker: Masayuki Miyamoto
(Department of Neurology Dokkyo Medical University)

S-03-4 Sleep Problems in Dementia

Speaker: Yasunori Oka
(Center for Sleep Medicine, Ehime University Hospital)

Symposium 4

S-04 May 21 (Wed) 13:10~15:10 Room9(FICC 411+412 4F)

Cosponsored by Japanese Headache Society

Missing Links in Migraine and Other Headaches

Chairs: Kenji Nakashima
(Division of Neurology, Department of Brain and
Neurosciences, School of Medicine, Faculty of Medicine,
Tottori University)
Norihiro Suzuki
(Department of Neurology, Keio University School of
Medicine)

S-04-1 Progression from episodic migraine to chronic
migraine

Speaker: Kiyomi Yamane
(Department of Neurology, Neurological Institute, Ohta-
Atami Hospital)

S-04-2 Migrain and Stroke

Speaker: Yasuhisa Kitagawa
(Tokai University Hachioji Hospital Departmet of
Neurology)

S-04-3 Migraine and epilepsy

Speaker: Sadatoshi Tsuji
(Department of Medical Technology and Sciences, School
of Health Sciences at Fukuoka, International University of
Health and Welfare)

S-04-4 Cortical spreading depression(CSD) and pain;
The missing link

Speaker: Hisanori Kowa
(Division of Neurology, Department of Brain and
Neurosciences, Faculty of Medicine, Tottori University)

Symposium 5

S-05 May 21 (Wed) 13:10~15:10 Room13 (FICC 401+402+403 4F)

Hereditary Spastic Paraplegia-Update

Chairs: Yoshihisa Takiyama

(Department of Neurology, Interdisciplinary Graduate School of Medicine and Engineering, University of Yamanashi)

Jun Goto

(The University of Tokyo Hospital)

S-05-1 Hereditary spastic paraplegia-Introduction

Speaker: Yoshihisa Takiyama

(Department of Neurology, Interdisciplinary Graduate School of Medicine and Engineering, University of Yamanashi)

S-05-2 Clinical manifestations of hereditary spastic paraplegias

Speaker: Haruo Shimazaki

(Division of Neurology, Department of Internal Medicine, Jichi Medical University)

S-05-3 Molecular genetics and gene analysis of hereditary spastic paraplegia

Speaker: Hiroyuki Ishiura

(Department of Neurology, The University of Tokyo)

S-05-4 Intrathecal baclofen therapy for hereditary spastic paraplegia

Speaker: Takaomi Taira

(Department of Neurosurgery, Tokyo Women's Medical University)

Symposium 6

S-06 May 21 (Wed) 13:10~15:10 Room14 (FICC 404+405+406 4F)

New Clinical Managements from Japan in Neuro-Infections

Chairs: Satoshi Kamei

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

Mitsuyoshi Ayabe

(Kurume university school of nursing)

S-06-1 Revised Japanese guidelines for the clinical management of bacterial meningitis

Speaker: Harumi Ishikawa
(Division of Neurology, Department of Medicine, Nihon University School of Medicine)

S-06-2 Diagnostic and therapeutic strategy for acyclovir-resistant herpes encephalitis

Speaker: Masayuki Saijo
(Department of Virology 1, National Institute of Infectious Diseases)

S-06-3 A new approach for JC virus detection and its application for PML diagnosis

Speaker: Kazuo Nakamichi
(Laboratory of Neurovirology, Department of Virology 1, National Institute of Infectious Diseases)

S-06-4 Identification of NMDA receptor in normal bovine ovary and ovum

Speaker: Naoko Tachibana
(Department of Neurology, Okaya City Hospital)

Symposium 7



S-07 May 22 (Thu) 8:00~10:00 Room1 (Sunpalace Main Hall 2F)

Recent Progress in Management of Acute Ischemic Stroke

Chairs: Kazunori Toyoda
(Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center)

Yasuyuki Iguchi
(Department of Neurology, Jikei University School of Medicine)

S-07-1 Significance and problems of the expansion for t-PA therapeutic time window

Speaker: Kazumi Kimura
(Kawasaki Medical School, Department of Stroke Medicine)

S-07-2 Efficacy and Safety of Dual Antiplatelets Therapy in Acute Ischemic Stroke

Speaker: Haruhiko Hoshino
(Department of Neurology, Tokyo Saiseikai Central Hospital)

S-07-3 Blood pressure management in acute stroke

Speaker: Kazuo Kitagawa
(Department of Neurology, Tokyo Women's Medical University)

S-07-4 Decision-making and outcome prediction by neuro-imaging

Speaker: Teruyuki Hirano
(Department of Neurology, Oita University Faculty of Medicine)

Symposium 8

S-08 May 22 (Thu) 8:00~10:00 Room8 (FICC 409+410 4F)

Assessment of Autonomic Dysfunction in Autonomic Disorders

Chairs: Yukio Ando
(Kumamoto University Hospital)
Nobuo Araki
(Department of Neurology, Saitama Medical University)

S-08-1 Evaluation of autonomic nervous function by baroreceptor reflex

Speaker: Toshimasa Yamamoto
(Neurology, Faculty of Medicine, Saitama Medical School)

S-08-2 Evaluation of sudomotor function

Speaker: Masato Asahina
(Chiba University Graduate School of Medicine)

S-08-3 Sleep related breathing disorders in Parkinson's disease and related disorders

Speaker: Keisuke Suzuki
(Department of Neurology, Dokkyo Medical University)

S-08-4 Diagnosis of small fiber neuropathy using various autonomic function tests

Speaker: Konen Obayashi
(Department of Physiological and Morphological Sciences, Graduate School of Health Sciences, Kumamoto University)

Symposium 9

S-09 May 22 (Thu) 8:00~10:00 Room9(FICC 411+412 4F)

New Frontiers in Inflammatory Neuropathies

Chairs: Takashi Kanda

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

Susumu Kusunoki

(Department of Neurology, Kinki University School of
Medicine)

S-09-1 Clinicopathological features of IgG4-related neuropathy

Speaker: Ken Ohyama

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

S-09-2 Classification, diagnosis and treatment of vasculitic neuropathy update

Speaker: Takashi Kanda

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

S-09-3 Clinical concepts and MRI findings of neuralgic amyotrophy

Speaker: Kazuhiro Fukushima

(Intractable Disease Care Center, Shinshu University
Hospital, Shinshu University School of Medicine)

S-09-4 Treatment for immune-mediated neuropathies: Update

Speaker: Satoshi Kuwabara

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

Symposium 10



S-10 May 22 (Thu) 8:00~10:00 Room10(FICC 413+414 4F)

Gene and Cell Therapy for PD

Chairs: Hideki Mochizuki

(Osaka University Graduate School of Medicine)

Ryosuke Takahashi

(Department of Neurology, Kyoto University Hospital)

- S-10-1 Steps towards stem cell therapy for Parkinson's disease
 Speaker: Jun Takahashi
 (Center for iPS Cell Research and Application)
- S-10-2 Gene therapy for Parkinson's disease in Japan: Current status and problems
 Speaker: Shin-Ichi Muramatsu
 (Division of Neurology, Jichi Medical University)
- S-10-3 Novel MRI-based Platform for Efficient Gene Delivery to the Brain
 Speaker: Bankiewicz Krystof
 (University of California San Francisco, CA, USA)
- S-10-4 Selenite benefits embryonic stem cells therapy in the animal models of Parkinson's disease through inhibiting inflammation
 Speaker: Sheng-Di Chen
 (Department of Neurology & Institute of Neurology, Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai 200025, People's Republic of China)

Symposium 11



S-11 May 22 (Thu) 8:00~10:00 Room12 (FICC 502+503 5F)

Neuroinflammation in Dementia

- Chairs: Koji Yamanaka
 (Research Institute of Environmental Medicine, Nagoya University)
 Takeshi Tabira
 (Graduate School of Medicine, Juntendo University)
- S-11-1 Multiple level interactions between inflammation and neurodegeneration in Alzheimer's disease
 Speaker: Michael Heneka
 (Clinical Neuroscience, Dept. Of Neurology, University of Bonn, Germany)
- S-11-2 Modulation of neuroinflammation and brain plasticity through systemic factors
 Speaker: Tony Wyss-Coray
 (Stanford University School of Medicine, USA / Veterans Administration Palo Alto Health Care System, USA)

- S-11-3 Controlling neuroinflammation by astrocytic dopamine D2 receptor
 Speaker: Jiawei Zhou
 (Institute of Neuroscience, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China)
- S-11-4 Corticosteroid is effective for the prevention of CAA-induced hemorrhages
 Speaker: Shu-Ichi Ikeda
 (Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine)

Symposium 12

S-12 May 22 (Thu) 8:00~10:00 Room13 (FICC 401+402+403 4F)

Cognitive Impairment in Multiple Sclerosis; from Clinical, Pathological and Radiological Viewpoints in Multiple Sclerosis

Chairs: Hirofumi Ochi
 (Department of Geriatric Medicine and Neurology, Ehime University, Graduate School of Medicine)
 Katsuichi Miyamoto
 (Department of Neurology, Kinki University School of Medicine)

S-12-1 Cognitive impairment in multiple sclerosis

Speaker: Masaaki Niino
 (Department of Clinical Research, Hokkaido Medical Center)

S-12-2 Gray matter lesions and cognitive impairment in multiple sclerosis

Speaker: Izumi Kawachi
 (Department of Neurology, Brain Research Institute, Niigata University)

S-12-3 Cognitive impairment in multiple sclerosis: Pathogenesis and treatment strategy

Speaker: Jin Nakahara
 (Department of Neurology, Keio University School of Medicine)

S-12-4 Neuronal dysfunction in multiple sclerosis

Speaker: Tetsuya Mizuno

(Department of Neuroimmunology, Research Institute of
Environmental Medicine, Nagoya University)

Symposium 13

S-13 May 22 (Thu) 8:00~10:00 Room14 (FICC 404+405+406 4F)

**Big Data Analysis in Neurology for Beginners - for
Innovation and Next Frontier**

Chairs: Koji Iihara

(Department of Neurosurgery, Graduate School of Medical
Sciences, Kyushu University)

Takashi Nakajima

(Niigata National Hospital, NHO)

**S-13-1 Big Data analysis tool in Bio/Medical research
-Examples using MATLAB -**

Speaker: Takafumi Ohbiraki

(The MathWorks GK Application Engineering Group)

S-13-2 Big Data Analysis in Functional Brain Research

Speaker: Masao Matsuhashi

(Center for the Promotion of Interdisciplinary Education
and Research, Kyoto University / Human Brain Research
Center, Kyoto University Graduate School of Medicine)

**S-13-3 The impact of Stroke registry based on the DPC
database: J-ASPECT Study**

Speaker: Koji Iihara

(Department of Neurosurgery, Graduate School of Medical
Sciences, Kyushu University)

S-13-4 Patient Registry and Big Data Analysis

Speaker: Hiroshi Mizushima

(National Institute of Public Health)

Symposium 14

S-14 May 23 (Fri) 8:00~10:00 Room3(FICC 201 2F)

Opening Doors to Novel Therapeutics for Muscular Dystrophy

Chairs: Yoshihide Sunada

(Department of Neurology, Kawasaki Medical School)

Teruo Shimizu

(Department of Neurology, Hospital of Teikyo University)

**S-14-1 The infrastructure for the clinical research:
Remudy and MDCTN**

Speaker: En Kimura

(National Center of Neurology and Psychiatry)

**S-14-2 Exon Skipping Approach to Duchenne Muscular
Dystrophy**

Speaker: Shin-Ichi Takeda

(Translational Medical Center, National Center of
Neurology and Psychiatry)

**S-14-3 Nonsense readthrough therapy for Duchenne
muscular dystrophy**

Speaker: Yasuhiro Takeshima

(Department of Pediatrics, Kobe University Graduate
School of Medicine)

S-14-4 Therapeutic development in myotonic dystrophy

Speaker: Masanori Takahashi

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

Symposium 15

S-15 May 23 (Fri) 8:00~10:00 Room7(FICC Main Hall 3F)

Neurological Diseases Diagnosed by Neuroradiology Experts

Chairs: Makoto Sasaki

(Division of Ultrahigh Field MRI, Institute for Biomedical
Sciences, Iwate Medical University)

Hidenao Fukuyama

(Human Brain Research Center, Kyoto University
Graduate School of Medicine)

S-15-1 Diffusion MRI: Microstructural information from diffusion of water molecule

Speaker: Shigeki Aoki
(Department of Radiology, Juntendo University)

S-15-2 Ultrahigh field MRI: current concepts

Speaker: Makoto Sasaki
(Division of Ultrahigh Field MRI, Institute for Biomedical Sciences, Iwate Medical University)

S-15-3 Neurological disorders from the viewpoint of neuroradiology

Speaker: Toshiaki Taoka
(Department of Radiology, Nara Medical University)

S-15-4 Chemical Exchange Saturation Transfer (CEST) Imaging

Speaker: Takashi Yoshiura
(Department of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University)

Symposium 16

S-16 May 23 (Fri) 8:00~10:00 Room8 (FICC 409+410 4F)

Cumulative Impact of Genetic Risk Factors and Sporadic Neurological Disorders

Chairs: Tatsushi Toda
(Division of Neurology Kobe University Graduate School of Medicine)

Takeshi Ikeuchi
(Department of Molecular Genetics, Brain Research Institute, Niigata University)

S-16-1 Genetic susceptibility factors of multiple sclerosis

Speaker: Takuya Matsushita
(Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University)

S-16-2 Genetic risk factors for Parkinson's disease

Speaker: Tatsushi Toda
(Division of Neurology Kobe University Graduate School of Medicine)

S-16-3 Risk gene(s) in the pathogenesis of sporadic Alzheimer's disease

Speaker: Takeshi Ikeuchi
(Department of Molecular Genetics, Brain Research
Institute, Niigata University)

S-16-4 Elucidation of genes involved in development of multiple system atrophy (MSA)

Speaker: Shoji Tsuji
(Department of Neurology, The University of Tokyo)

Symposium 17

S-17 May 23 (Fri) 8:00~10:00 Room9(FICC 411+412 4F)

Fasciculation and Axonal/Neuronal Hyperexcitability Are Involved in Motoneuronal Death in ALS?

Chairs: Hiroyuki Nodera
(Tokushima University Hospital)
Masahiro Sonoo
(Teikyo University School of Medicines)

S-17-1 Fasciculation potential and the ALS diagnosis

Speaker: Masahiro Sonoo
(Department of Neurology, Teikyo University School of
Medicine)

S-17-2 Fasciculation potentials in amyotrophic lateral sclerosis

Speaker: Kota Bokuda
(Department of Neurology, Tokyo Metropolitan
Neurological Hospital)

S-17-3 Motor nerve hyperexcitability in ALS: its pathophysiology and treatment

Speaker: Kazumoto Shibuya
(Department of Neurology Graduate School of Medicine
Chiba University)

Symposium 18

S-18 May 23 (Fri) 8:00~10:00 Room10 (FICC 413+414 4F)

Neuropsychology in Daily Clinical Practice

Chairs: Mitsuru Kawamura

(Department of Neurology, Showa University School of Medicine)

Kyoko Suzuki

(Department of Clinical Neuroscience, Yamagata University Graduate School of Medicine)

S-18-1 Neuropsychological thinking at everyday clinical practice

Speaker: Satoru Motomura

(Neurology, Yukuhashi Memorial Hospital)

S-18-2 Neurogenic communication disorders in the chronic stage

Speaker: Kazuyo Tanji

(Yamagata University Department of Clinical Neuroscience)

S-18-3 Neuropsychology in Epilepsy -Social cognitive function-

Speaker: Naoki Akamatsu

(International University of Health and Welfare, Fukuoka School of Health and Sciences / Fukuoka Sannou Hospital, Neurology, Epilepsy Center)

S-18-4 Neuropsychology of dementia

Speaker: Etsuro Mori

(Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University Graduate School of Medicine)

Symposium 19

S-19 May 23 (Fri) 8:00~10:00 Room13 (FICC 401+402+403 4F)

Ethical Issues in Current Neurology

Chairs: Masatoyo Nishizawa

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

Yuko Shimizu
(Department of Neurology Tokyo Women's Medical
University School of Medicine)

**S-19-1 Ethical Agendas to/from Research and Clinical
Use of iPS Cells**

Speaker: Tomohide Ibuki
(National Center of Neurology and Psychiatry)

**S-19-2 Autologous and Allogeneic iPS cell-derived
retinal cell transplantation**

Speaker: Masayo Takahashi
(Center for Developmental Biology, RIKEN)

**S-19-3 New Ethical Issues associated with iPS cell
Research**

Speaker: Hideyuki Okano
(Keio University, School of Medicine)

**S-19-4 Application of iPSCs-derived products and their
ethical issues in near future**

Speaker: Akifumi Matsuyama
(National Institute of Biomedical Innovation)

Symposium 20

S-20 May 23 (Fri) 8:00~10:00 Room14 (FICC 404+405+406 4F)

MG Treatment for Higher Patient Satisfaction

Chairs: Shigeaki Suzuki
(Department of Neurology, Keio University School of
Medicine)

Hidenori Matsuo
(National Hospital Organization, Nagasaki Kawatana
Medical Center)

**S-20-1 Guidelines for plasmapheresis, steroid-pulse and
IVIg therapy in MG**

Speaker: Yuriko Nagane
(Department of Neurology, Hanamaki General Hospital)

**S-20-2 Steroids and immunosuppressant drugs in
myasthenia gravis**

Speaker: Yasushi Suzuki
(Department of Neurology, National Hospital Organization,
Sendai Medical Center)

- S-20-3 Therapeutic strategy for ocular myasthenia
 Speaker: Shigeaki Suzuki
 (Department of Neurology, Keio University School of Medicine)
- S-20-4 Pitfalls in the new draft of diagnostic criteria of myasthenia gravis
 Speaker: Tomihiro Imai
 (Sapporo Medical University School of Health Sciences)

Symposium 21

- S-21 May 23 (Fri) 8:00~10:00 Room15 (FKC Arena 1F)**
 Neurology Education: Beginning with Undergraduates
 Chairs: Manabu Doyu
 (Department of Neurology, Aichi Medical University School of Medicine)
 Itaru Toyoshima
 (Akita National Hospital, National Hospital Organization)
- S-21-1 A Grand Design of Teaching Clinical Medicine ; International Accreditation
 Speaker: Kiyoshi Kitamura
 (International Research Center for Medical Education, Graduate School of Medicine, The University of Tokyo)
- S-21-2 Tutorial education: Advantages and disadvantages, prospect
 Speaker: Takashi Inuzuka
 (Department of Neurology & Geriatrics, Gifu University Graduate School of Medicine)
- S-21-3 Making an OSCE set: Recommendation of roll play learning in neurology clerkship
 Speaker: Itaru Toyoshima
 (Akita National Hospital, National hospital Organization)
- S-21-4 Neurological Education by Simulator and other medical resources
 Speaker: Takahiro Amano
 (International University of Health and Wealfare / Sannou Medical Center)

S-21-5 Clinical Clerkship of Neurology in the
pregraduate medical education

Speaker: Yoshiyuki Mitsui
(Kinki University Faculty of Medicine Department of
Neurology)

Symposium 22

S-22 May 23 (Fri) 15:30~17:10 Room3(FICC 201 2F)

Recent Advances in Autoimmune Encephalitis

Chairs: Kyoichi Nomura
(Department of Neurology, Saitama Medical Center)
Keiko Tanaka
(Department of Neurology / Department of Life Science,
Medical Research Institute, Kanazawa Medical University)

S-22-1 Clinical spectrum and treatment strategy in
anti-NMDA receptor encephalitis

Speaker: Takahiro Iizuka
(Department of Neurology, Kitasato University School of
Medicine)

S-22-2 Anti-VGKC-complex antibody associated limbic
encephalitis: Up-to-date

Speaker: Osamu Watanabe
(Department of Neurology and Geriatrics, Kagoshima
University Graduate School of Medical and Dental
Sciences)

S-22-3 NMDA Encephalitis in Psychiatry; Malignant
Catatonia, Atypical Psychosis and ECT

Speaker: Takashi Kanbayashi
(Psychiatry, Akita University School of Medicine /
International Institute for Integrative Sleep Medicine
(WPI-IIS), University of Tsukuba)

S-22-4 Autoimmune encephalitis-recent progress :Roles
of antibodies in the pathogenesis

Speaker: Keiko Tanaka
(Department of Neurology / Department of Life Science,
Medical Research Institute, Kanazawa Medical University)

Symposium 23

S-23 May 23 (Fri) 15:30~17:10 Room5 (FICC 203 2F)

Cosponsored by The Japanese Society of Neuropathology
For the Establishment of Japanese Brain Bank Network

Chairs: Etsuro Matsubara

(Department of Neurology, Oita University Faculty of
Medicine)

Hideki Mochizuki

(Osaka University Graduate School of Medicine)

**S-23-1 Clinicopathological study of Lewy body diseases
based on brain bank project**

Speaker: Yuko Saito

(Dept. Neuropath and Lab Med, National Center Hosp
of Neurol and Psych / Brain bank for Aging Research,
Tokyo Metropolitan Institute of Gerontology)

S-23-2 Amyotrophic lateral sclerosis

Speaker: Masaki Takao

(Department of Neuropathology, The Brain Bank for
Aging Research, Tokyo Metropolitan Geriatric Hospital
and Institute of Gerontology)

S-23-3 For the Establishment of Japanese Brain Net

Speaker: Shigeo Murayama

(Department of Neurology & Bioresource Center (Brain
Bank for Aging Research))

S-23-4 Activities of the Brain Bank for tauopathy

Speaker: Maya Mimuro

(Institute for Medical Science of Aging, Aichi Medical
University)

Symposium 24

S-24 May 23 (Fri) 15:30~17:10 Room8 (FICC 409+410 4F)

Cosponsored by The Japan Epilepsy Society
Remote Medicine and Cooperation System for Epilepsy
Patient Care

Chairs: Taisuke Otsuki

(Epilepsy Center, National Center of Neurology and
Psychiatry)

Nobukazu Nakasato
(Department of Epileptology, Tohoku University School of
Medicine)

S-24-1 Current status and problems of telemedicine for
epilepsy in Japan

Speaker: Masahiro Mizobuchi
(Department of Neurology, Nakamura Memorial Hospital)

S-24-2 Role of teleconference system in epilepsy care
network

Speaker: Nobukazu Nakasato
(Department of Epileptology, Tohoku University Graduate
School of Medicine)

S-24-3 Epilepsy Care Network: Role of Japan Epilepsy
Center Association

Speaker: Kiyohito Terada
(Shizuoka Institute of Epilepsy and Neurological Disorders/
Secretary, Japan Epilepsy Center Association)

S-24-4 Build-up of community health coalition system
for epilepsy in Japan

Speaker: Taisuke Otsuki
(Epilepsy Center, National Center of Neurology and
Psychiatry)

Symposium 25

S-25 May 23 (Fri) 15:30~17:10 Room9(FICC 411+412 4F)

The Role of Infectious Agents in Demyelinating Diseases

Chairs: Tatsufumi Nakamura
(The Department of Molecular Microbiology and
Immunology, Graduate School of Biomedical Sciences,
Nagasaki University)

Yoshiro Ohara
(Department of Microbiology, Kanazawa Medical
University School of Medicine)

S-25-1 Virus persistence and demyelination in a murine
model

Speaker: Yoshiro Ohara
(Department of Microbiology, Kanazawa Medical
University School of Medicine)

S-25-2 Viruses in demyelination

Speaker: Masami Tanaka

(Multiple Sclerosis Center, NHO Utano National Hospital)

S-25-3 Neuromyelitis optica and infection

Speaker: Shinya Sato

(Department of Neurology, Neurological Institute,

Graduate School of Medical Sciences, Kyushu University)

Symposium 26

S-26 May 23 (Fri) 15:30~17:10 Room10 (FICC 413+414 4F)

Innovation of Rehabilitation based on Interactive
Biofeedback Technology - New Paradigm of Human and
Device Interaction

Chairs: Kazumi Kawahira

(Graduate school of Medical and Dental Sciences,
Kagoshima University)

Takashi Nakajima

(Niigata National Hospital, NHO)

**S-26-1 Theory and efficacy of Repetitive facilitation
exercise**

Speaker: Kazumi Kawahira

(Kagoshima University, Graduate School of Medical and
Dental Sciences)

S-26-2

Speaker: Yoshiyuki Sankai

(Graduate School of Systems and Information Engineering,
University of Tsukuba / Center for Cybernetics Research,
University of Tsukuba / CYBERDYNE Inc.)

**S-26-3 Hypothetical theory on improvement of
voluntary movement with Robot suit HAL**

Speaker: Takashi Nakajima

(Niigata National Hospital, NHO)

**S-26-4 Neurorehabilitation with HAL[®] in the patients
of Neurosurgery**

Speaker: Tooru Inoue

(Department of Neurosurgery Faculty of Medicine
Fukuoka University)

Symposium 27



S-27 May 23 (Fri) 15:30~17:10 Room12 (FICC 502+503 5F)

New Trends in Therapeutics of Alzheimer's Disease

Chairs: Hideo Hara

(Division of Neurology, Department of Internal Medicine,
Saga University Faculty of Medicine)

Yasumasa Ohyagi

(Department of Neurological Therapeutics, Kyushu
University)

S-27-1 Overview of disease modifying therapy trials for Alzheimer's disease

Speaker: Hideo Hara

(Division of Neurology, Department of Internal Medicine,
Saga University Faculty of Medicine)

S-27-2 Toxic mechanisms of key molecules in the pathogenesis of Alzheimer's disease

Speaker: Akira Tamaoka

(Department of Neurology, Division of Clinical Medicine,
Faculty of Medicine, University of Tsukuba)

S-27-3 A novel therapeutics for Alzheimer's disease as type-3 diabetes

Speaker: Yasumasa Ohyagi

(Department of Neurological Therapeutics, Kyushu
University)

S-27-4 Disease-modifying therapy for Alzheimer's disease: Challenges and hopes

Speaker: Atsushi Iwata

(The University of Tokyo Hospital, Neurology / The
University of Tokyo, Molecular Neuroscience on
Neurodegeneration)

Symposium 28

S-28 May 23 (Fri) 15:30~17:10 Room13 (FICC 401+402+403 4F)

Development of Therapeutic Drugs for Neurological Diseases: Contributions of Japan

Chairs: Masahiro Nomoto

(Neurology and Clinical Pharmacology, Ehime University Graduate School of Medicine)

Masashi Aoki

(Department of Neurology, Tohoku University School of Medicine)

S-28-1 Contribution of Neurologists in Japan for the Developments of New Drugs

Speaker: Masahiro Nomoto

(Department of Neurology and Clinical Pharmacology, Ehime University Graduate School of Medicine)

S-28-2 Drug discovery in academia

Speaker: Masashi Aoki

(Department of Neurology, Tohoku University School of Medicine)

S-28-3 Current status and challenge for the drug development in neurological disorders

Speaker: Harumasa Nakamura

(Office of New Drug 3, Pharmaceuticals and Medical Devices Agency)

S-28-4 Japan's contribution for global development of Alzheimer's disease drugs

Speaker: Masako Nakano

(Eli Lilly Japan K.K.)

Symposium 29

S-29 May 23 (Fri) 15:30~17:10 Room14 (FICC 404+405+406 4F)

Intractable Neurological Disease, Now and the Future

Chairs: Hidetoshi Fukunaga

(Nanpu Hospital)

Shigeki Kuzuhara

(School of Nursing, Suzuka University of Medical Science)

S-29-1 History of 17 years of the Fukuoka Medical Network for Seriously Intractable Neurological Diseases

Speaker: Miho Iwaki
(The Fukuoka Prefectural Medical Committee for Intractable Diseases)

S-29-2 Global Movement of Rare/Intractable Diseases

Speaker: Tomoko Kodama_kawashima
(Dep. International Health & Collaboration, National Institute of Public Health)

S-29-3 Directivity of reexamination of Measures for Intractable diseases in Japan

Speaker: Yasuhiro Nishijima
(Ministry of Health, Labour and Welfare)

Symposium 30

S-30 May 24 (Sat) 8:00~10:00 Room3(FICC 201 2F)

Recent Advances in Understanding the Pathogenesis of Inflammatory Myopathies

Chairs: Jun Shimizu
(Department of Neurology, University of Tokyo, Graduate School of Medicine)

Itsuro Higuchi
(School of Health Sciences, Faculty of Medicine, Kagoshima University)

S-30-1 Research progress on pathology of inflammatory myopathy

Speaker: Hitoshi Kohsaka
(Department of Rheumatology, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University)

S-30-2 Dermatomyositis-specific autoantibodies: recent advance

Speaker: Manabu Fujimoto
(Department of Dermatology, Faculty of Medicine, University of Tsukuba)

- S-30-3 Pathological features of myositis with myositis-specific autoantibodies
 Speaker: Jun Shimizu
 (Department of Neurology, University of Tokyo, Graduate School of Medicine)
- S-30-4 Recent advances in inclusion body myositis
 Speaker: Masashi Aoki
 (Department of Neurology, Tohoku University School of Medicine)

Symposium 31

S-31 May 24 (Sat) 8:00~10:00 Room6 (FICC 204 2F)

Neuroinflammation in Neurodegenerative Diseases

Chairs: Yoshio Tsuboi
 (Department of Neurology, Fukuoka University)
 Akio Suzumura
 (Department of Neuroimmunology, RIEM, Nagoya University)

- S-31-1 Neurodegenerative disorders, Microglia in Neuroinflammation
 Speaker: Akio Suzumura
 (Department of Neuroimmunology, RIEM, Nagoya University)
- S-31-2 The function of TREM2 in microglia and neuron in neurodegenerative diseases
 Speaker: Kazuya Takahashi
 (Department of Neurology, National Hospital Organization Iou Hospital)
- S-31-3 Neuroinflammation in Parkinson's disease
 Speaker: Shinji Saiki
 (Department of Neurology, Juntendo University School of Medicine)
- S-31-4 Neuroinflammation and glial pathology in amyotrophic lateral sclerosis
 Speaker: Fumito Endo
 (Department of Neuroscience and Pathobiology, Research Institute of Environmental Medicine, Nagoya University)

Symposium 32

S-32 May 24 (Sat) 8:00~10:00 Room8 (FICC 409+410 4F)

Cosponsored by The Japan Epilepsy Society

The Forefront of Epilepsy Research

Chairs: Hiroshi Shigeto

(Department of Neurology, Neurological Institute,
Graduate School of Medical Sciences, Kyushu University)

Akio Ikeda

(Department of Epilepsy, Movement Disorders and
Physiology Kyoto University Graduate School of Medicine)

S-32-1 Spontaneous Seizures in a Rat Model of Multiple Prenatal Freeze Lesioning

Speaker: Takashi Kamada

(Fukuoka Sanno Hospital)

S-32-2 Histopathologic features of glia in human epileptogenic brain lesions

Speaker: Akiyoshi Kakita

(Dept. of Pathology, Brain Res. Inst., Univ. of Niigata)

S-32-3 Epilepsy and functional brain networks

Speaker: Taira Uehara

(Department of Neurology, Neurological Institute,
Graduate School of Medical Sciences, Kyushu University)

S-32-4 Recent progress in benign adult familial myoclonus epilepsy (BAFME)

Speaker: Takefumi Hitomi

(Department of Clinical Laboratory Medicine, Kyoto
University Graduate School of Medicine / Department
of Neurology, Kyoto University Graduate School of
Medicine)

S-32-5 Epilepsy in the elderly

Speaker: Naoki Akamatsu

(International University of Health and Welfare, Fukuoka
School of Health Sciences / Fukuoka Sanno Hospital)

Symposium 33

S-33 May 24 (Sat) 8:00~10:00 Room9 (FICC 411+412 4F)

New Aspects of TDP-43 in Motor Neuron Diseases

Chairs: Fumiaki Tanaka

(Department of Neurology and Stroke Medicine,
Yokohama City University Graduate School of Medicine)

Makoto Urushitani

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

S-33-1 Biochemical characteristics of mutant TDP-43 protein

Speaker: Koji Yamanaka

(Dept. of Neuroscience and Pathobiology, Research
Institute of Environmental Medicine, Nagoya University)

S-33-2 Calpain plays a crucial role in TDP-43 pathology

Speaker: Takenari Yamashita

(Center for Disease Biology and Integrative Medicine,
Graduate School of Medicine, The University of Tokyo)

S-33-3 The physiological significance of TDP-43 fragmentation

Speaker: Yukio Kawahara

(Laboratory of RNA Function, Graduate School of
Medicine, Osaka University)

S-33-4 Aberration of the spliceosome in amyotrophic lateral sclerosis

Speaker: Tomohiko Ishihara

(Niigata University Brain Research Institute Clinical
Neuroscience Branch / Niigata University Brain
Research Institute Center for Bioresources Department of
Molecular Neuroscience)

Symposium 34



S-34 May 24 (Sat) 8:00~10:00 Room10 (FICC 413+414 4F)

Clinical Impact of Nerve Excitability Testing

Chairs: Satoshi Kuwabara

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

Ryuji Kaji

(Tokushima University Hospital)

S-34-1 Nerve Excitability: Biomarkers for Clinical Translation in Neurophysiology

Speaker: Cindy Shin-Yi Lin

(Department of Physiology, Transnational Neuroscience
Facilities (TNF), School of Medical Sciences, Faculty of
Medicine, The University of New South Wales (UNSW),
Sydney, Australia)

S-34-2 Diabetic neuropathy: Insights into the Ionic Pathophysiology

Speaker: Sonoko Misawa

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

S-34-3 Clinical uses of threshold tracking in ALS

Speaker: Ryuji Kaji

(Department of Neurology, University of Tokushima)

S-34-4 Insights into nerve excitability in Charcot-Marie-Tooth disease

Speaker: Yu-Ichi Noto

(Department of Neurology, Graduate School of Medical
Science, Kyoto Prefectural University of Medicine)

Symposium 35



S-35 May 24 (Sat) 8:00~10:00 Room12(FICC 502+503 5F)

Cosponsored by Japanese Society for Neuroinfectious Diseases
Propagation and Transmission of Misfolded Proteins and
Pathologies in Prion Disease and Other Protein-Misfolding
Disorders

Organizer: Masahito Yamada

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

Chair: Hidehiro Mizusawa

(National Center Hospital, NCNP, Tokyo Medical & Dental
University)

**S-35-1 Transmission and propagation of human prion
disease**

Speaker: Tsuyoshi Hamaguchi

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

**S-35-2 Mechanism of transmission and propagation of
prion diseases**

Speaker: Tetsuyuki Kitamoto

(Department of Neurological Science, Tohoku University
School of Medicine)

S-35-3 Transmissibility of Protein Misfolding Disorders

Speaker: Claudio Soto

(University of Texas Medical School at Houston, USA)

**S-35-4 Prion-like mechanism in propagation of Lewy
body disease**

Speaker: Masato Hasegawa

(Tokyo Metropolitan Institute of Medical Science)

Symposium 36

S-36 May 24 (Sat) 8:00~10:00 Room13 (FICC 401+402+403 4F)

Developments of Home Health Care for the Neurological Disease

Chairs: Hitoshi Kikuchi

(Murakami Karindoh Hospital)

Shigehiro Imamura

(Kumamoto Saishunsou Natinal Hospital)

S-36-1 Comprehensive support for home care patient of incurable neurological disease

Speaker: Hitoshi Kikuchi

(Department of Neurology, Murakami Karindoh Hospital)

S-36-2 Palliative care for intractable neurological disease patients at home

Speaker: Reiko Namba

(Neurology clinic Namba)

S-36-3 Support for ALS patients with home mechanical ventilation in the northern Hyogo

Speaker: Kiyohiko Kondo

(Department of Neurology, Yoka Hospital)

Symposium 37

S-37 May 24 (Sat) 8:00~10:00 Room15 (FKC Arena 1F)

Debate Session: Early Induction of Disease Modifying Therapies in Multiple Sclerosis

Chairs: Makoto Matsui

(Department of Neurology, Kanazawa Medical University)

Yuko Shimizu

(Department of Neurology Tokyo Women's Medical University School of Medicine)

S-37-1 What is benign multiple sclerosis?

Speaker: Hirofumi Ochi

(Department of Geriatric Medicine and Neurology Ehime University Graduate School of Medicine)

S-37-2 A Merit and Problem of the DMT Induction in Clinically Isolated Syndrome (CIS)

Speaker: Ichiro Nakashima
(Department of Neurology, Tohoku University School of Medicine)

S-37-3 Starting a DMT for Multiple Sclerosis in Japan

Speaker: Kazumasa Yokoyama
(Department of Neurology Juntendo School of Medicine)

S-37-4 Monetary and mental burden on MS patients under disease modifying drugs

Speaker: Toshiyuki Fukazawa
(Sapporo Neurology Clinic)

Symposium 38

S-38 May 24 (Sat) 15:05~16:45 Room2 (Sunpalace Palace Room 2F)

New System of the Board Certification: Career Plan for Neurologists

Chairs: Shigeki Kuzuhara
(School of Nursing, Suzuka University of Medical Science)
Mitsutoshi Yamamoto
(Takamatsu Neurology Clinic)

S-38-1 The present conditions of the member trend

Speaker: Yoichiro Hashimoto
(Kumamoto City Hospital)

S-38-2 Future direction of Japanese board system for neurologist

Speaker: Gen Sobue
(Department of Neurology, Nagoya University Graduate School of Medicine)

S-38-3 Neurologists in Clinical Practice; the past, the present and the future

Speaker: Teiji Yamamoto
(Southern Tohoku General Hospital, Department of Neurology)

S-38-4 The scene of a neurological practice: What a neurology department should be in a general hospital

Speaker: Masayuki Baba
(Honorary Consultant in Neurology, Aomori Prefecture Central Hospital)

S-38-5 The situations and prospects of Neurologists in small scale sections

Speaker: Kunihiro Mitsuo
(National Hospital Organization, Beppu Medical Center)

S-38-6 The present state and the future image of the neurology specialist working in the out-patient clinic

Speaker: Yoshihisa Tatsuoka
(Tatsuoka Neurology Clinic)

S-38-7 From Clinical standpoint: present and view of female doctor

Speaker: Hiroko Nagai
(Oshiki internal medicine and neurology clinic)

Symposium 39

S-39 May 24 (Sat) 15:05~16:45 Room3 (FICC 201 2F)

Large-Scale Cohort Studies of Stroke in Japan

Chairs: Takanari Kitazono
(Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu University)

Kazuo Kitagawa
(Department of Neurology, Tokyo Women's Medical University)

S-39-1 The Hisayama Study: secular trends in stroke and its risk factors

Speaker: Toshiharu Ninomiya
(The George Institute for Global Health, Australia)

S-39-2 The Ohasama Study

Speaker: Takayoshi Ohkubo
(Department of Hygiene and Public Health, Teikyo University School of Medicine)

S-39-3 Large-scale cohort studies for stroke in urban populations

Speaker: Yoshihiro Kokubo
(National Cerebral and Cardiovascular Center)

S-39-4 Fukuoka Stroke Registry (FSR)

Speaker: Masahiro Kamouchi

(Department of Health Care Administration and Management, Graduate School of Medical Sciences, Kyushu University)

Symposium 40

S-40 May 24 (Sat) 15:05~16:45 Room4 (FICC 202 2F)

Sarcopenia: Concept and Research Progress in Pathogenesis

Chairs: Masaru Kuriyama

(Brain Attack Center Ota Memorial Hospital)

Fumiaki Saito

(Teikyo University School of Medicine, Department of Neurology)

S-40-1 Energy metabolism and Sarcopenia

Speaker: Masamitsu Nakazato

(Division of Neurology, Respiriology, Endocrinology and Metabolism, Department of Internal Medicine, Faculty of Medicine, University of Miyazaki)

S-40-2 Myostatin blockade therapy for muscle wasting disorders, including sarcopenia

Speaker: Yutaka Ohsawa

(Neurology, Kawasaki Medical School)

S-40-3 Molecular mechanisms of glucocorticoid-induced muscle atrophy

Speaker: Hirotohi Tanaka

(Division of Rheumatology, Center for Antibody and Vaccine Therapy, IMSUT Hospital, University of Tokyo / Department of Rheumatology and Allergy, IMSUT Hospital, University of Tokyo)

S-40-4 Pathological role of ubiquitin ligases in disuse muscle atrophy or sarcopenia

Speaker: Takeshi Nikawa

(Department of Nutritional Physiology, Institute of Health Biosciences, The University of Tokushima Graduate School)