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 Organaiization 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-BAshed 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 Nerosciences, 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   Migraine and Stroke  
Speaker: Yasuhisa Kitagawa  
(Tokai University Hachioji Hospital Department 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 cell 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 role 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 Welfare / Sannou Medical Center)
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-IIIS), 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 Cybernics 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 Biosources 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)
Symposium 38

**S-37** 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: Kunihiko 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, Respirology, 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: Hirotoshi 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)