

International Session 1



IS-01 May 21 (Wed) 12:05~13:00 Room11 (FICC 501 5F)

Opening Lecture : Disease-Modifying Therapy for Multiple Sclerosis: Update

Chair: Jun-ichi Kira

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

Speaker: Bernd C. Kieseier

(Department of Neurology, Heinrich-Heine University, Düsseldorf, Germany)

Neuroscience Frontier Symposium 1 (International Session 2)



IS-02 May 21 (Wed) 13:10~15:10 Room11 (FICC 501 5F)

Glia is No Longer Glue:
New Roles of Glial Cells in Neurological Diseases

Chairs: Yasuto Itoyama

(National Center of neurology and psychiatry)

Akio Suzumura

(Department of Neuroimmunology, RIEM Nagoya University)

IS-02-1 Novel roles of oligodendrocytes in axonal energy metabolism

Speaker: Klaus-Armin Nave

(Max Planck Institute of Experimental Medicine, Germany)

IS-02-2 Roles of cathepsin C/cystatin F in chronic demyelinating lesions

Speaker: Kazuhiro Ikenaka

(National Institute for Physiological Sciences)

IS-02-3 Connexin Gap Junction Pathology in Active MS, Baló's disease and NMO

Speaker: Katsuhisa Masaki

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

IS-02-4 The cellular mechanism of tau dissemination through neuron-microglia interaction

Speaker: Hirohide Asai

(Boston University School of Medicine, USA)

International Session 3



IS-03 May 21 (Wed) 18:10~20:00 Room11 (FICC 501 5F)

Female Neurologists and Neuroscientists in the World Part 1

Chairs: Mieko Ogino

(Kitasato University School of Medicine, Department of
Neurology)

Naraporn Prayoonwiwat

(Faculty of Medicine Siriraj Hospital, Mahidol University,
Thailand)

IS-03-1 Opening Remarks and Overview of Female Neurologists in Japan

Speaker: Mieko Ogino

(Kitasato university, Department of Neurology)

IS-03-2 Female Neurologists in the Philippines

Speaker: Maria Annette D. Bautista

(Philippine Neurological Association, Philippines)

IS-03-3 Female Neurologists and Neuroscientists in the World : Taiwanese Experience

Speaker: Jen Jen Su

(Department of Neurology, National Taiwan University
Hospital, Taiwan)

IS-03-4 Female Neurologists in Thailand

Speaker: Naraporn Prayoonwiwat

(Faculty of Medicine Siriraj Hospital, Mahidol University,
Thailand)

IS-03-5 Neurology in Indonesia

Speaker: Riwanti Estiasari

(Department of Neurology Faculty of Medicine University
of Indonesia, Indonesia)

IS-03-6 The female Neurologist and Neurosurgeons in Africa: A minority group

Speaker: Chidinma C. Nwigwe

(Abia State Universty, Uturu, Nigeria)

IS-03-7 Female neurologists in China

Speaker: Le Fang

(China-Japan Union Hospital Jilin University, China)

Closing remark:

Naraporn Prayoonwiwat

(Faculty of Medicine Siriraj Hospital, Mahidol University,
Thailand)

International Session 4



IS-04 May 22 (Thu) 8:00~10:00 Room11 (FICC 501 5F)

Recent Progress in ALS Research; Features from
Genome- and Population-based Study

Chairs: Gen Sobue

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

Timothy M. Miller

(Washington University in St. Louis, USA)

IS-04-1 Antisense Oligonucleotide Therapy for SOD1
Familial ALS Patients

Speaker: Timothy M. Miller

(Washington University in St. Louis, USA)

IS-04-2 The Genome-wide association study of ALS in
Han Chinese

Speaker: Yanghua Tian

(Dept of Neurology, The First Hospital of Anhui Medical
University, China)

IS-04-3 Population based study for ALS in Taiwan

Speaker: Ching-Piao Tsai

(Taipei Veterans General Hospital and National Yang
Ming University, Taiwan)

IS-04-4 ERBB4 mutations that disrupts the neuregulin-
ErbB4 pathway cause ALS type 19

Speaker: Yuji Takahashi

(Department of Neurology, National Center Hospital,
National Center of Neurology and Psychiatry)

International Session 5



IS-05-1 May 22 (Thu) 13:00~16:00 Mariera

Mariera Cruise Deck 1 : Meet the Expert Part1
Loss of consciousness during epileptic seizures

Chair: Shozo Tobimatsu

(Department of Clinical Neurophysiology, Kyushu
University)

Speaker: Hans Lüders

(Epilepsy Center, Case Medical Center, Cleveland, USA)

IS-05-2 May 22 (Thu) 13:00~16:00 Mariera

Mariera Cruise Deck 2 : Female Neurologists and
Neuroscientists in the World Part 2

Chairs: Maria Annette Bautista

(Philippine Neurological Association, Philippines)

Yoko Fujimoto

(Pfizer)

Facilitator:

Mieko Ogino

(Department of Neurology, Kitasato University School of Medicine)

Keiko Tanaka

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

Chiyoko Nohara

(Tokyo Metropolitan Health and Medical Treatment Corporation
Ebara Hospital)

Sonoko Misawa

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

Yoko Fujimoto (Pfizer)

Yuko Shimizu

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

Maria Annette Bautista

(Philippine Neurological Association, Philippines)

Naraporn Prayoonwiwat

(Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand)

Riwanti Estiasari

(Department of Neurology Faculty of Medicine University of
Indonesia, Cipto Mangunkusumo Hospital Jakarta, Indonesia)

Facilitator:

Chidinma Chikaodinaka Nwigwe
(Abia State University, Uturu, Nigeria)

Jen Jen Su

(Department of Neurology, National Taiwan University Hospital,
Taiwan)

Sun Wei

(The Second Hospital of Harbin Medical University, China)

Xiaojia Sun

(Department of Neurology, the First Affiliated Hospital of Harbin
Medical University, China)

Le Fang

(China-Japan Union Hospital Jilin University, China)

Discussor:

Hikoaki Fukaura

(Saitama Medical Center, Neurology)

Katsuichi Miyamoto

(Department of Neurology, Kinki University School of Medicine)

Hideyuki Takeuchi

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

Tatsuro Mitsu

(Department of Multiple Sclerosis Therapeutics Tohoku University
Graduate School of Medicine)

Waka Sakai

(Department of Neurology, Tokushima University Hospital)

Naoko Matsui

(Department of Neurology, The University of Tokushima)

Izumi Kawachi

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

Sachiko Miyake

(Department of Immunology, Juntendo University School of
Medicine)

Yoko Warabi

(Department of Neurology, Tokyo Metropolitan Neurological
Hospital)

Tomoko Okamoto

(Department of Neurology, National Center Hospital, National Center
of Neurology and Psychiatry)

Discussers:

Yutaka Ogino

(National Hospital Organization Hakone National Hospital)

Jin Nakahara

(Department of Neurology, Keio University School of Medicine)

Masako Suzuki

(Neurology and Gerontology, Iwate Medical University)

Megumi Takeuchi

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

Ritsuko Hanajima

(University of Tokyo Hospital, Department of Neurology)

Ayae Kinoshita

(Department of Human Health Sciences, Kyoto University Graduate School of Medicine)

Shiori Hashimoto

(Sawada-Hashimoto Clinic)

International Session 6

E

IS-06 May 22 (Thu) 17:50~19:20 Room11 (FICC 501 5F)

Meet the Expert Part2

Chairs: Masahiro Sonoo

(Teikyo University School of Medicine)

Hirokazu Furuya

(Department of Neurology, Faculty of Medicine, Kochi University)

Organizer: Masahiro Sonoo

(Teikyo University School of Medicine)

Hirokazu Furuya

(Department of Neurology, Faculty of Medicine, Kochi University)

International
Session

International Session 7

E

IS-07 May 23 (Fri) 8:00~10:00 Room11 (FICC 501 5F)

Acute Stroke Therapy in Asia

Chairs: Koji Abe

(Department of Neurology, Okayama University)

Werner Hacke

(Department of Neurology, University of Heidelberg, Germany)

IS-07-1 Acute stroke therapy in Japan

Speaker: Koji Abe

(Department of Neurology, Okayama University)

IS-07-2 Update in Thrombolysis and Thrombectomy

Speaker: Werner Hacke

(Department of Neurology, University of Heidelberg,
Germany)

IS-07-3 The Management of Acute Stroke in the Philippines

Speaker: Artemio A. Roxas Jr.

(University of the Philippines- Philippine General Hospital,
Dept. of Neurosciences, Philippines)

IS-07-4 Acute stroke management in Hong Kong

Speaker: Lawrence K. Wong

(Chinese University of Hong Kong, Hong Kong)

International Session 8



IS-08 May 23 (Fri) 8:00~10:00 Room12 (FICC 502+503 5F)

Hot Topics: Advances in Parkinson Disease

Chairs: Mitsutoshi Yamamoto

(Takamatsu Neurology Clinic)

Werner Poewe

(Department of Neurology, Innsbruck Medical University,
Austria)

IS-08-1 Current concepts of Parkinson's Disease

Speaker: Werner Poewe

(Department of Neurology, Innsbruck Medical University,
Austria)

IS-08-2 Premotor phase of Parkinson Disease

Speaker: Heinz Reichmann

(Department of Neurology, Technische Universität
Dresden, Germany)

IS-08-3 Neuroimage research of cognitive impairment in Parkinson's disease

Speaker: Shigeki Hirano

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

IS-08-4 Therapeutic Strategies in Parkinson's Disease

Speaker: Eng K. Tan
(National Neuroscience Institute, Singapore)

International Session 9



IS-09 May 23 (Fri) 13:40~15:20 Room11 (FICC 501 5F)

Epilepsy (Telemedicine)

Chairs: Shozo Tobimatsu
(Dept. of Clinical Neurophysiology, Kyushu University)
Hans Lüders
(Epilepsy Center, Case Medical Center, Cleveland, USA)

IS-09-1 Classification of Paroxysmal Events

Lecturer: Hans Lüders
(Epilepsy Center, Case Medical Center, Cleveland, USA)

IS-09-2 A 48-year-old male with epileptic seizures for 33 years

Presenter: Chung-Chin Kuo
(National Taiwan University College of Medicine, Taiwan)

IS-09-3 Case presentation by Taira Uehara, Kyushu University Hospital

Presenter: Taira Uehara
(Department of Neurology, Neurological Institute,
Graduate School of Medical Sciences, Kyushu University)

Participants:

Shozo Tobimatsu
(Department of Clinical Neurophysiology, Graduate School of Medical
Sciences Kyushu University)

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

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

Beom Seok Jeon
(Seoul National University Hospital, Korea)

Roongroj Bhidayasiri
(Chulalongkorn University Hospital, Thailand)

Han-Joon kim
(Seoul National University Hospital, Korea)

Participants:

Kwan-Hee Ehm

(Seoul National University Hospital, Korea)

Woong-Woo Lee

(Seoul National University Hospital, Korea)

Hye-Young Park

(Seoul National University Hospital, Korea)

Chae-Won, Shin

(Seoul National University Hospital, Korea)

Jirada Sringean

(Chulalongkorn University Hospital, Thailand)

Onanong Jitkriksadikul

(Chulalongkorn University Hospital, Thailand)

Ming-Kai Pan

(National Taiwan University College of Medicine, Taiwan)

Riki Matsumoto

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

Kazutaka Jin

(Department of Epileptology, Tohoku University Graduate School of Medicine)

Naoki Akamatsu

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

International Session 10

E

International
Session

IS-10 May 23 (Fri) 15:30~17:10 Room11 (FICC 501 5F)

Involuntary Movement (Telemedicine)

Chairs: Ryuji Kaji

(Tokushima University Hospital)

Nobutaka Hattori

(Department of Neurology, Juntendo University)

IS-10-1 Update on hereditary dystonias

Lecturer: Ryuji Kaji

(Tokushima University Hospital)

IS-10-2 Diagnosis and genetics of Parkinson's disease:
State of the art in Asia

Lecturer: Nobutaka Hattori

(Dept. of Neurology, Juntendo University School of Medicine)

IS-10-3 Case presentation at telemedicine

Presenter: Ryuji Kaji
(Tokushima University Hospital)

IS-10-4 Korean Case

Presenter: Beom Seok Jeon
(Seoul National University Hospital, Korea)

IS-10-5 Case Presentation from Thailand

Presenter: Roongroj Bhidayasiri
(Chulalongkorn University Hospital, Thailand)

Participants:

Chung-Chin Kuo
(National Taiwan University College of Medicine, Taiwan)

Han-Joon kim
(Seoul National University Hospital, Korea)

Kwan-Hee Ehm
(Seoul National University Hospital, Korea)

Woong-Woo Lee
(Seoul National University Hospital, Korea)

Hye-Young Park
(Seoul National University Hospital, Korea)

Chae-Won, Shin
(Seoul National University Hospital, Korea)

Jirada Sringean
(Chulalongkorn University Hospital, Thailand)

Onanong Jitkriksadakul
(Chulalongkorn University Hospital, Thailand)

Ming-Kai Pan
(National Taiwan University College of Medicine, Taiwan)

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

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

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

International Session 11



IS-11 May 24 (Sat) 8:00~10:00 Room11 (FICC 501 5F)

Frontiers in Dementia Research

Chairs: Takeshi Iwatsubo

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

Steven G. Younkin

(Department of Neuroscience, Mayo Clinic, Jacksonville, Florida, USA)

IS-11-1 Alzheimer's disease: from molecular pathology to new therapies

Speaker: Takeshi Iwatsubo

(Department of Neuropathology, The University of Tokyo)

IS-11-2 Developing a Functional Genetics of Late Onset Alzheimer's Disease

Speaker: Steven G. Younkin

(Department of Neuroscience, Mayo Clinic, Jacksonville, Florida, USA)

IS-11-3 Advances in Biomarkers for and Treatment of Vascular Cognitive Impairment

Speaker: Christopher Chen

(National University of Singapore, Singapore)

International Session 12



IS-12 May 24 (Sat) 15:05~16:45 Room11 (FICC 501 5F)

Education of Neurology in Asia: Current Status and Future Collaboration

Chairs: Jun-ichi Kira

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

Ching-Piao Tsai

(Taipei Veterans General Hospital and National Yang Ming University, Taiwan)

IS-12-1 Neurology Education in Japan

Speaker: Jun-ichi Kira
(Department of Neurology, Neurological Institute, Graduate
School of Medical Sciences, Kyushu University, Japan)

IS-12-2 Neurology Education in Taiwan

Speaker: Ching-Piao Tsai
(Taipei Veterans General Hospital and National Yang Ming
University, Taiwan)

IS-12-3 Neurology Training in Thailand

Speaker: Somchai Towanabut
(The Neurological Society of Thailand, Thailand)

**IS-12-4 Current Status of Neurology Education in the
Philippines**

Speaker: Arnold Angelo M. Pineda
(Angeles University Foundation School of Medicine, Philippines)

IS-12-5 Medical Tele-education in Asia

Speaker: Shuji Shimizu
(Kyushu University Hospital, Telemedicine Development
Center of Asia)

Neuroscience Frontier Symposium 2 (International Session 13)



IS-13 May 24 (Sat) 15:05~16:45 Room12 (FICC 502+503 5F)

Neuroscience: RNA Biology

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

J. Paul Taylor
(Department of Cell and Molecular Biology, St. Jude
Children's Research Hospital, USA)

**IS-13-1 RNA Granule Dynamics and human neurological
disease**

Speaker: J. Paul Taylor
(Department of Cell and Molecular Biology, St. Jude
Children's Research Hospital, USA)

IS-13-2 Translational control by microRNAs is essential for protein homeostasis in the adult brain

Speaker: Hiroo Yamaguchi

(Center for Human Genetic Research, Massachusetts General Hospital, 185 Cambridge Street, Boston, MA, USA, Center for Neurologic Diseases, Brigham and Women's Hospital, Boston, MA, USA)

IS-13-3 Coordinated autoregulation of TDP-43 and its implication for TDP-43 pathology

Speaker: Akihiro Sugai

(Department of Neurology, Clinical Neuroscience Branch, Brain Research Institute, Niigata University)

IS-13-4 Mechanisms of RNA toxicity and haploinsufficiency of C9orf72 repeat

Speaker: Leonard Petrucelli

(Mayo Clinic College of Medicine, Jacksonville, FL, USA)