Day 0 May 10th, 2017 (Wednesday)
Momochi International Hall

14:00-17:00 Pre-congress Lectures: PCL

Chairs: Hian-Tat Ong (University Children’s Medical Institute, National University Hospital, Singapore)
        Yong Seung Hwang (Seoul National University Children’s Hospital, Korea)

PCL-1 Inherited CD59 Deficiency Manifesting as Neonatal-Onset Relapsing Axonal Polyneuropathy
        Haluk Topaloglu (Hacettepe University Children’s Hospital, Turkey)

PCL-2 Melatonin and Child Neurological Disorders
        Masaharu Hayashi (College of Nursing and Nutrition, Shukutoku University, Japan)

PCL-3 The Etiologic Diagnosis and Its Significance in Childhood Epilepsy
        Jiong Qin (Peking University First Hospital, China)

PCL-4 Epilepsy in Neurometabolic Diseases
        Parvaneh Karimzadeh (Pediatric Neurology Research Center, Shahid Beheshti University of Medical Sciences,
                      Mofid Children Hospital, Iran)

PCL-5 Neuroimagings of Neonatal Hypoxic-Ischemic Encephalopathy and Current State of Cerebral
        Palsy in Japan
        Akira Oka (University of Tokyo, Japan)

Day 1 May 11th, 2017 (Thursday)
Room A (Argos A-B/1F)

8:30-9:30 Teaching Seminar 1: How to Read EEG: From Diagnosis to Management of Epilepsy TS1
        Co-sponsored by Eisai Co., Ltd.
        Chair: Toshisaburo Nagai (Poole Gakuin University, Japan)

TS1-1A-1 How to Read EEG: From Diagnosis to Management of Epilepsy
        Ki Joong Kim (Seoul National University Children’s Hospital, Korea)

10:00-11:50 Parallel Session 1: ASD / ADHD 1 PS1
        Co-sponsored by Janssen Pharmaceutical K.K.
        Chairs: Virginia Chun-Nei Wong (The University of Hong Kong, Queen Mary Hospital, Hong Kong)
                Tatsuya Koeda (National Center for Child Health and Development, Japan)

PS1-1A-K Autism Spectrum Disorders and Attention Deficit and Hyperactivity Disorder
        Keynote: Paolo Curatolo (Past President, ICNA / Tor Vergata University Hospital, Rome, Italy)

PS1-1A-1 Effects of Behavioral Treatment on Children and Mothers with ADHD
        Yushiro Yamashita (Kurume University School of Medicine, Japan)

PS1-1A-2 Nationwide Population-Based Epidemiology Study of Autism Spectrum Disorders in China
        Yi Wang (Children’s Hospital of Fudan University, China)

PS1-1A-3 Evidence-Based Nonpharmacological Interventions for ADHD: Review, Update, and Special
        Emphasis on Neurofeedback and Diet
        Haya AlJoudi (King Faisal Specialist Hospital & Research Center, Saudi Arabia)
12:30-13:30 Luncheon Seminar 1: ASD / ADHD  

LS1-1A-1 QOL and Self-Esteem of Children with ADHD  
Yoichi Sakakihara (Ochanomizu University, Japan)

LS1-1A-2 Autism Spectrum Disorders and Epilepsy: A Mechanistic Update  
Raman Sankar (UCLA, USA)

13:40-15:30 Parallel Session 5: Epilepsy/Seizure 1

PS5-1A-K Management of Childhood Epilepsy: Present & Future  
Keynote: Anannit Visudtibhan (Ramathibodi Hospital, Mahidol University, Thailand)

PS5-1A-1 New Therapies for Epilepsy Patients  
Se Hee Kim (Severance Children’s Hospital / Yonsei University College of Medicine, Korea)

PS5-1A-2 Epilepsy Surgery – Back to Basics  
Ahmad Rithaudin bin Mohamed (Hospital Kuala Lumpur, Malaysia)

PS5-1A-3 Syndrome Based Therapy 2 – Treatment of Infantile Spasms. Gaps in Epilepsy Care in the Region  
Jithangi Wanigasinghe (University of Colombo, Sri Lanka)

16:00-17:20 Symposium 1: Status Epilepticus  

S1-1A-1 Therapeutic Burst-Suppression Coma in Pediatric Refractory Status Epilepticus  
Jainn-Jim Lin (Chang Gung Memorial Hospital, Taiwan)

S1-1A-2 Nonconvulsive Status Epilepticus in Children  
Rhea Salonga-Quimpo (University of the Philippines College of Medicine, Philippines)

S1-1A-3 Treatment of Refractory Convulsive Status Epilepticus in Children  
Kenji Sugai (National Center Hospital, Japan)
10:00-11:50  Parallel Session 2: Neuroimmunology  PS2

Chairs: Ji Eun Choi (Seoul National University College of Medicine, Boramae Medical Center, Korea)
Shinichiro Hamano (Saitama Children’s Medical Center, Japan)

PS2-1B-K  Autoimmune Encephalitis- Clinical Features and Therapeutic Decision Making
Keynote: Russell Dale (Institute for Neuroscience and Muscle Research, University of Sydney, Australia)

PS2-1B-1  Epidemiology of Guillain-Barré Syndrome, Fisher Syndrome, and Bickerstaff Brainstem Encephalitis of Children in Japan
Katsunori Fujii (Chiba University Graduate School of Medicine, Japan)

PS2-1B-2  Clinical Aspects of Myasthenia Gravis in Childhood
Makiko Osawa (Emeritus Professor, Tokyo Women’s Medical University, Japan)

PS2-1B-3  Roles of Antibodies to NMDA-Type Glutamate Receptors in Altered Behavior & Cognition of Patients with Epileptic Encephalopathy
Yukitoshi Takahashi (National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Japan)

12:30-13:30  Luncheon Seminar 2: Meningitis  LS2

Chair: Muneaki Matsuo (Saga University, Japan)

LS2-1B-1  Acute Meningitis
Sunit Singhi (MM Institute of Medical Science and Research, India)

LS2-1B-2  Central Nervous System Infection: The Situation of Tertiary Care in a University Hospital in the Northern Part of Thailand
Kamornwan Katanyuwong (Chiangmai University Hospital, Thailand)

13:40-15:30  Parallel Session 6: CNS infection  PS6

Co-sponsored by DAIICHI SANKYO COMPANY, LIMITED

Chairs: Ruopeng Sun (Qilu Hospital, Shandong University, China)
Shahnaz Ibrahim (Aga Khan University, Pakistan)

PS6-1B-K  Tubercular Meningitis – Recent Advances.
Keynote: Pratibha Singhi (Postgraduate Institute of Medical Education & Research, India)

PS6-1B-1  Limbic Encephalitis – Role of Infectious Pathogens and Antinuronal Antibodies
Kuang-Lin Lin (Chang Gung Children’s Hospital, Taiwan)

PS6-1B-2  Diagnosis and Treatment of Bacterial Meningitis in Children
Li Jiang (Chongqing Medical University Children Hospital, China)

PS6-1B-3  Rotavirus Associated White Matter Injury in Neonates: Who, When, and How?
Jung Sook Yeom (Gyeongsang National University of Hospital, Korea)

16:00-17:20  Symposium 2: Acute Flaccid Paralysis  S2

Chairs: Ryutaro Kira (Fukuoka Children’s Hospital, Japan)
Sang Ook Nam (Pusan National University Children’s Hospital, Korea)

S2-1B-1  Childhood Transverse Myelitis: Current Concepts and Future Directions
Terrence Thomas (KK Women’s and Children’s Hospital, Singapore)
S2-1B-2  A Cluster of Acute Flaccid Myelitis Observed in Autumn, 2015, Japan
Pin Fee Chong (Fukuoka Children’s Hospital, Japan)

S2-1B-3  Enterovirus 71 and Acute Flaccid Paralysis
Hsiu-Fen Lee (Taichung Veterans General Hospital, Taiwan)

Day 1 May 11th, 2017 (Thursday)  Room C (Argos D/1F)

8:30-9:30  Teaching Seminar 3: Neurometabolic: How to Evaluate Biochemical Examination  TS3
Chair: Ching-Shiang Chi (Tungs’ Taichung Metro Harbor Hospital, Taiwan)

TS3-1C-1  How to Biochemically Approach Neuromuscular Disorders with Biochemical and Mass Spectrometric Procedures
Seiji Yamaguchi (Shimane University School of Medicine, Japan)

10:00-11:50  Parallel Session 3: Stroke Cerebrovascular  PS3
Chairs: Teik Beng Khoo (Hospital Kuala Lumpur, Malaysia)
Se Hee Kim (Severance Children’s Hospital / Yonsei University College of Medicine, Korea)

PS3-1C-K  Paediatric Stroke: Current Knowledge and Research Priorities
Keynote: Mark Mackay (The Royal Children’s Hospital, Australia)

PS3-1C-1  Importance of RNF213 Polymorphism on Clinical Features and Long-term Outcome in Moyamoya Disease
Young-shin Ra (Asan Medical Center Children’s Hospital, University of Ulsan, Korea)

PS3-1C-2  Early Evaluation Using Superficial Temporal Artery Duplex Ultrasonography After Bypass Surgery for Moyamoya Disease
Hiroshi Abe (Fukuoka University, Japan)

PS3-1C-3  Heritable Protein C Deficiency in Pediatric Stroke and Thrombosis
Shoichi Ohga (Kyushu University, Japan)

12:30-13:30  Luncheon Seminar 3: Epilepsy  LS3
Chair: Eric Kin-Cheong Yau (Princess Margaret Hospital, Hong Kong)

LS3-1C-1  Epilepsy in Childhood: The Current Challenges
Surachai Likasitwattanakul (Shiriraji Hospital, Mahidol University, Thailand)

LS3-1C-2  Childhood Epilepsy and Brain Somatic Mutations
Jun Tohyama (Nishi-Niigata Chuo National Hospital, Japan)

13:40-15:30  Parallel Session 7: Traumatic Brain Injury  PS7
Chairs: Yoshihiro Maegaki (Tottori University Hospital, Japan)
Hua Wang (Shengjing Hospital of China Medical University, China)

PS7-1C-K  Traumatic Brain Injury (TBI)
Keynote: Sunit Singhi (MM Institute of Medical Science and Research, India)
Outcomes in Pediatric Traumatic Brain Injury (TBI)-Special Focus on Epilepsy
Vrajesh Udani (P.D. Hinduja Hospital & Medical Research Centre, India)

Sport Related Brain Injury of School Students
Yutaka Shigemori (Fukuoka University, Japan)

Neurosurgical Perspectives in the Treatment of Abusive Head Trauma; Past Present and Future
Takashi Araki (Nippon Medical School Hospital, JAPAN)

16:00-17:20 Symposium 3: Alternative Hemiplegia in Childhood S3
Chairs: Xiuyu Shi (Children’s Medical Center, PLA General Hospital, China)
Yung-Ting Kuo (Taipei Medical University - Shuang Ho Hospital, Taiwan)

Genotype-Phenotype Correlations in Japanese Patients with Alternating Hemiplegia of Childhood
Masayuki Sasaki (National Center Hospital, NCNP, Japan)

ATP1A3 Mutations in Alternating Hemiplegia of Childhood
Atsushi Ishii (Fukuoka University, Japan)

The Clinical Features of Epilepsy in Alternating Hemiplegia of Childhood with ATP1A3 Mutations
Yuehua Zhang (Peking University First Hospital, China)

Alternating Hemiplegia of Childhood: Recent Advances
Mohamad A. Mikati (Duke University School of Medicine, USA)

Day 1 May 11th, 2017 (Thursday) Room D (Argos E/1F)

8:30-9:30 Teaching Seminar 4: Neurometabolic: How to apply genetic test TS4
Co-sponsored by ReqMed Company, Ltd.
Chair: Fumio Endo (Kumamoto University, Japan)

Role of Gene Analysis in Early Diagnosis of Inherited Metabolic Diseases
Kimitoshi Nakamura (Kumamoto University, Japan)

Neurogenetics: How to Apply Genetic Test
Yew Sing Choy (Prince Court Medical Centre, Ramsay Sime Darby Medical Centre, Malaysia)

10:00-11:50 Parallel Session 4: Neurogenetics 1 PS4
Chairs: Hoon-Chul Kang (Severance Children's Hospital / Yonsei University College of Medicine, Korea)
Mahmoudreza Ashrafi (Tehran University of Medical Sciences, Iran)

Sodium Channel Gene Mutations and Epilepsy, Intellectual Disability and Autism
Keynote: Kazuhiro Yamakawa (RIKEN Brain Science Institute, Japan)

Whole Exome Sequencing in Intractable Pediatrics Epileptic Patients: King Chulalongkorn Memorial Hospital Experiences
Tayard Desudchit (Chulalongkorn University, Thailand)
**PS4-1D-2** Efficient Strategy for the Molecular Diagnosis of Early-onset Epilepsy Using Targeted Panel Sequencing  
Seung-Tae Lee (Severance Children’s Hospital / Yonsei University College of Medicine, Korea)

**PS4-1D-3** Genetic Muscle Disease Differentiating From Inflammatory Myositis  
Xingzhi Chang (Peking University First Hospital, China)

**12:30-13:30 Luncheon Seminar 4: Lysosomal Diseases**  
Co-sponsored by Sumitomo Dainippon Pharma Co., Ltd.  
Chair: Norio Sakai (Osaka University, Japan)

**LS4-1D-1** Novel Therapeutic Approaches of Neurological Involvement of Lysosomal Storage Disease  
Torayuki Okuyama (Center for Lysosomal Storage Diseases, National Center for Child Health and Development, Japan)

**LS4-1D-2** Fabry Disease in Taiwan; Experience with a Highly Prevalent Mutation  
Tingrong Hsu (Taipei Veterans General Hospital, Taiwan)

**13:40-15:30 Parallel Session 8: Neurometabolic Disorder**  
Co-sponsored by KAINOS Laboratories, Inc.  
Chairs: Hsiu-Fen Lee (Taichung Veterans General Hospital, Taiwan)  
Khalid Alahmadi (King Faisal Specialist Hospital & Research Center, Saudi Arabia)

**PS8-1D-K** Neurometabolic Disorders: an Overview  
Keynote: Fumio Endo (Kumamoto University, Japan)

**PS8-1D-1** Neurometabolic Disorders: Biotinidase Deficiency  
Duangrurdee Wattanasirichaigoon (Faculty of Medicine Ramathibodi Hospital, Thailand)

**PS8-1D-2** Heavy Metals Related Neurometabolic Diseases  
Ching-Shiang Chi (Tungs’ Taichung MetroHarbor Hospital, Taiwan)

**PS8-1D-3** Lysosomal Storage Disorders; Potential Approaches for CNS Diseases  
Aya Narita (Tottori University, Japan)

**16:00-17:20 Symposium 4: The Importance of Early Diagnosis of CLN2 Disease - a Time-critical Disease**  
Co-sponsored by Bio Marin Pharmaceutical Inc.  
Chairs: Akira Oka (University of Tokyo, Japan)  
Wang Tso Lee (Chongqing Medical University Children Hospital, Taiwan)

**S4-1D-1** Overview of CLN2 Disease Diagnosis and Management  
Christoph Schwering (University Medical Center Hamburg-Eppendorf, Germany)

**S4-1D-2** CLN2 Case Studies: The Importance of Early Diagnosis  
Alexandra Johnson (Sydney Children’s Hospital, Australia)
Day 2 May 12th, 2017 (Friday)  Room A (Argos A-B/1F)

7:30-8:20  Morning Seminar 1: VNS  MS1

Chair: Kazuhiro Haginoya (Miyagi Takuto Medical Treatment and Rehabilitation Center, Miyagi Children's Hospital, Japan)

MS1-2A-1  Vagus Nerve Stimulation in Children with Intractable Epilepsy
Leading Speaker: Masanori Takeoka (Boston Children's Hospital, USA)

MS1-2A-2  Efficacy of Vagus Nerve Stimulation for Core-Tonic Spasms/Brief Tonic Seizures With Electrodecremental Activity
Tohru Okanishi (Sei-ri-Hamamatsu General Hospital, Japan)

MS1-2A-3  Long-Term Vagus Nerve Stimulation in Children with Lennox-Gastaut Syndrome
Qiangqiang Liu (Renji Hospital, Shanghai Jiao Tong University, China)

MS1-2A-4  Severe Obstructive Sleep Apnea Associated with Vagal Nerve Stimulation: Dramatic Improvement with VNS Setting Changes
Ming-Yu Chang (Chang Gung Children's Hosp, Taiwan)

8:30-10:00  President Organized Symposium: Epileptic Encephalopathy  POS

Chairs: Shinichi Hirose (Fukuoka University, Japan)
Ingrid Scheffer (University of Melbourne & Florey Institute, Australia)

POS-1  The Genetic Landscape of the Developmental and Epileptic Encephalopathies
Ingrid Scheffer (University of Melbourne & Florey Institute, Australia)

POS-2  Defining Natural History and Genotype-Phenotype Relationships in KCNQ2 Encephalopathy through Broad Interdisciplinary Collaboration
Edward Cooper (The Gordon and Mary Cain Pediatric Neurology Research Foundation Laboratories, USA)

POS-3  Voltage-Gated Sodium Ion Channels in Epileptic Encephalopathy
Shinichi Hirose (Fukuoka University, Japan)

10:30-12:20  Parallel Session 9: Epilepsy/Seizure 2  PS9

Chairs: Hiroshi Tamai (Osaka Medical College, Japan)
Abdelkarim AL-QUDAH (Jordan University Hospital, Jordan)

PS9-2A-K  Precision Medicine in Epilepsy Clinical Practice
Keynote: Yuwu Jiang (Peking University First Hospital, China)

PS9-2A-1  Significance of State-of-the-Art Wide-Band EEG Analysis in Pediatric Epileptic Encephalopathy
Katsuhiro Kobayashi (Okayama University Graduate School of Medicine, Japan)

PS9-2A-2  Clinical Characteristic and Surgical Outcome of 23 Patients with Rasmussen's Encephalitis
Suad Al Yamani (King Faisal Specialist Hospital & Research Center, Saudi Arabia)

PS9-2A-3  Neonatal Seizures: Challenges in Diagnosis and Treatment
Lakshmi Nagarajan (Princess Margaret Hospital for Children, Australia)
12:30-13:30  Luncheon Seminar 5: Epilepsy  
Co-sponsored by Eisai Co., Ltd.

Chair: Jiong Qin (Peking University First Hospital, China)

LS5-2A-1  Applications of AEDs in Relation to the New Classification  
Heung Dong Kim (Severance Children’s Hospital, Yonsei University College of Medicine, Korea)

LS5-2A-2  The New Classification of the Epilepsies  
Ingrid Scheffer (University of Melbourne & Florey Institute, Australia)

13:40-15:10  Keynote Lecture 1:  

Chairs: Aida Mendoza Salonga (National Institutes of Health, Philippines)  
Yoichi Sakakihara (Ochanomizu University, Japan)

KL1-1  Neurological Challenges to Brain Development in Resource Limited Settings  
Jo Wilmshurst (Red Cross Children’s Hospital, University of Cape Town, South Africa)

KL1-2  Water for Life in Afghanistan – Lecture Outline  
Tetsu Nakamura (Peace Japan Medical Services, Japan)

15:40-17:30  Parallel Session 13: Neurogenetics 2

Chairs: Yu-ichi Goto (National Center of Neurology and Psychiatry, Japan)  
Hsi Chang (Taipei Medical University Hospital, Taiwan)

PS13-2A-K  The Genetic Bases of Cortical Development and Its Disorders  
Keynote: Mitsuhiro Kato (Showa University Hospital, Japan)

PS13-2A-1  GM2 Gangliosidosis in Genetics Aspect  
Thipwimol Timaroon (Ramathibodi Hospital, Mahidol University, Thailand)

PS13-2A-2  Leukodystrophies and Genetic Leukoencephalopathies in Childhood  
Ye WU (Peking University First Hospital, China)

PS13-2A-3  Somatic Mutations in Focal Malformed Brain with Epilepsy  
Hoon-Chul Kang (Severance Children’s Hospital, Yonsei University, Korea)

Day 2 May 12th, 2017 (Friday)  Room B (Argos C/1F)

7:30-8:20  Morning Seminar 2: EEG  

Chair: Zhisheng Liu (Wuhan Children’s Hospital, Tongji Medical College, China)

MS2-2B-1  Overview on EEG  
Leading Speaker: Hiroki Nariai (UCLA Medical Center, University of California, USA)

MS2-2B-2  Clinical and EEG Characteristics of Children with Atypical Absence Seizures  
Gujian Jia (Qilu Hospital of Shandong University, China)

MS2-2B-3  The Utility of EEG Monitoring in Neonates with Hyperammonemia Due to Inborn Errors of Metabolism  
Natrujee Wiwattanadittakun (Chiang Mai University Hospital, Thailand / George Washington University, USA)
“Amplitude-Integrated EEG with Raw Trace” Compared with “Conventional Video EEG” for Seizure Detection in Term Neonates: a Diagnostic Accuracy Study
Lakshmi Nagarajan (Princess Margaret Hospital for Children, Australia)

10:30-12:20 Parallel Session 10: Neurooctaneous Disorder (TS, NF1, SWS)  PS10

Chairs: Akira Oka (University of Tokyo, Japan)
        Fei Yin (Xiangya Hospital Central South University, China)

PS10-2B-K  To be announced
        Keynote: Vrajesh Udani (P.D. Hinduja National Hospital & Medical Research Centre, India)

PS10-2B-1  Changing Outcomes in Modern day Tuberous Sclerosis Patients
        Kate Riney (Lady Cilento Children’s Hospital, University of Queensland, Australia)

PS10-2B-2  Neurofibromatosis 1
        Sau Wei Wong (University Kebangsaan Malaysia Medical Centre, Malaysia)

PS10-2B-3  Improvement in Care of Tuberous Sclerosis Complex Patients in Taiwan
        Chang Ming Yuh (Changhua Christian Children Hospital, Taiwan)

12:30-13:30 Luncheon Seminar 6: Pompe Disease  LS6

Chair: Ikuya Nonaka (National Center of Neurology and Psychiatry, Japan)

LS6-2B-1  Brain Involvement in Classic Infantile Pompe Disease
        Yin-Hsiu Chien (National Taiwan University Hospital, Taiwan)

LS6-2B-2  Pompe Disease – How Can We Make a Diagnosis?
        Ichizo Nishino (National Center of Neurology and Psychiatry, Japan)

15:40-17:30 Parallel Session 14: ASD / ADHD 2  PS14

Chairs: Lakshmi Nagarajan (Princess Margaret Hospital for Children, Australia)
        Yanhui Chen (Fujian Medical University Union Hospital, China)

PS14-2B-K  Attention Deficit Hyperactivity Disorder and Autism Spectrum Disorder: Neurological Perspective and Advances in Neuroscientific Research
        Keynote: Toyojiro Matsuishi (Research Center for Children, Research Center for Rett Syndrome, St. Mary’s Hospital, Japan)

PS14-2B-1  Autism Spectrum Disorder Across the Ages
        Marilyn H Ortiz (Child Neuroscience Center, Philippine Children’s Medical Center, Philippines)

PS14-2B-2  Electrophysiological and Hemodynamic Evaluation of Executive Function in Children with ADHD
        Yoshimi Kaga (National Institute of Mental Health, NCNP, Japan)

PS14-2B-3  Early Diagnosis and Intervention in Autism Spectrum Disabilities
        Tuna Cak (Hacettepe University, Turkey)
Day 2 May 12th, 2017 (Friday)
Room C (Argos D/1F)

7:30-8:20 Morning Seminar 3: CP  MS3

Chair:  Joon Sik Kim (Keimyung University, Dongsan Medical Center, Korea)

MS3-2C-1 Cerebral Palsy Overview
Leading Speaker: Mohamad A. Mikati (Duke University School of Medicine, USA)

MS3-2C-2 A Cross-Sectional Survey of 0-18 Years Old Children with Cerebral Palsy in West China
Fangfang Wang (West China Second University Hospital, Sichuan University, China)

MS3-2C-3 Comparison Of Home-Centred Activity-Based Therapy And Conventional Physiotherapy In Children With Diplegic Cerebral Palsy: A Randomized Controlled Trial
Jyotindra Narayan Goswami (Post Graduate Institute of Medical Education and Research, India)

MS3-2C-4 Development and Evaluation of Training Program to Assist Medical Staff in Supporting Medically Complex Children at Home
Yoshiyuki Kizawa (Kobe University Graduate School of Medicine, Japan)

10:30-12:20 Parallel Session 11: Neonatal Neurology  PS11

Chairs:  Eric Kin-Cheong Yau (Princess Margaret Hospital, Hong Kong)
         Lai Choo Ong (University of Malaya, Malaysia)

PS11-2C-K Neonatal Neurology
Hitoshi Yamamoto (St. Marianna University School of Medicine, Japan)

PS11-2C-1 Human Neural Stem Cells: Translational Research for Neonatal Hypoxic-Ischemic Brain Injury
Kook In Park (Severance Children’s Hospital, Yonsei University College of Medicine, Korea)

PS11-2C-2 Neuroimaging, Serum Biomarkers and Outcome of Neonatal Encephalopathy in the Cooling Era
Ming-Chou Chiang (Chang Gung Memorial Hospital, Chang Gung University, Taiwan)

PS11-2C-3 Critical Issues on the Diagnosis and Treatment of Newborn with Hypoxic-ischemic Brain Injury
Chao-Ching Huang (Taipei Medical University, National Cheng Kung University, Taiwan)

12:30-13:30 Luncheon Seminar 7: Newborn  LS7

Chair:  Baik-Lin Eun (Guro Hospital, Korea University College of Medicine, Korea)

LS7-2C-1 Neurophysiological Aspects of Brain Injuries in Neonates
Akihisa Okumura (Aichi Medical University Hospital, Japan)

LS7-2C-2 Brainstem Respiratory centres in the Fetus and Neonate: Apnoea of Prematurity; Central Hypoventilation; SIDS
Harvey B Sarnat (The University of Calgary, Canada)
**Parallel Session 15: Cerebral Palsy**

**Chairs:** Su-Kyeong Hwang (Kyungpook National University Hospital, Korea)
Toshisaburo Nagai (Poole Gakuin University, Japan)

**PS15-2C-K**
**Cerebral Palsy: Newer Mobility Devices and Robot-Assisted Rehabilitation**
Keynote: Hian-Tat Ong (University Children’s Medical Institute, National University Hospital, Singapore)

**PS15-2C-1**
**Cerebral Palsy: An Update Regarding Current Concepts of the Etiology**
Eli LAHAT (Assaf Harofeh Medical Center, Israel)

**PS15-2C-2**
**Early Detection and Diagnosis of Infants at “High-Risk of Cerebral Palsy and Cerebral Palsy”:**
International Recommendations
Roslyn Boyd (Queensland Cerebral Palsy and Rehabilitation Research Centre, The University of Queensland, Australia)

**PS15-2C-3**
**Hip Surveillance for Children with Cerebral Palsy in Resource Limited Countries**
Teik Beng Khoo (Department of Paediatrics, Hospital Kuala Lumpur, Malaysia)

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**Day 2 May 12th, 2017 (Friday)**

**Room D (Argos E/1F)**

**7:30-8:20**
**Morning Seminar 4: MRI**

**Chair:** Harvey B Sarnat (The University of Calgary, Canada)

**MS4-2D-1**
**Approach to Neurometabolic Diseases from a Pediatric Neuroradiology Point of View**
Leading Speaker: Khalid Alahmadi (King Faisal Specialist Hospital & Research Center, Saudi Arabia)

**MS4-2D-2**
**Impairment of Prenatal Exposure to MRI on Rats’ Spatial Memory are Associated with CamK IIβ**
Lin Yang (The Second Affiliated Hospital of Xi'an Jiao, China)

**MS4-2D-3**
**The Impact of Thyroid Hormone on Diffusion Tensor Imaging for the Developing White Matter**
Pii-lien Hung (Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Taiwan)

**MS4-2D-4**
**Comparison of MRI Findings Between Neonatal Period and 18 Months of Age in Infants who Developed Periventricular Leukomalacia**
Tatsuya Fukasawa (Anjo Kosei Hospital, Japan)

**10:30-12:20**
**Parallel Session 12: Neuromorphology**

**Chair:** Laura Flores-Sarnat (University of Calgary Faculty of Medicine-Alberta Children’s Hospital, Canada)
Shinji Fushiki (Kyoto Chubu Medical Center, Japan)

**PS12-2D-K**
**Histopathologic Features Indicating Possible Pathomechanisms Underlying Neurological Disorders of Infants and Children**
Akiyoshi kakita (Brain Research Institute, Niigata University, Japan)

**PS12-2D-1**
**Structure of U-fibre Layer Beneath Focal Cortical Dysplasias: Role of its Synaptic Plexi in Epileptic Networks**
Harvey B Sarnat (The University of Calgary, Canada)
PS12-2D-2  Arthrogryposis Multiplex Congenita
Göknur Halilolu (Hacettepe University Children’s Hospital, Turkey)

PS12-2D-3  Neuronal Adhesion Molecule: L1cam is Crucial for Radial Migration During Murine Corticogenesis
Kyoko Itoh (Kyoto Prefectural University of Medicine, Japan)

12:30-13:30  Luncheon Seminar 8: Growth Hormone
LS8
Co-sponsored by Eli Lilly Japan K.K.
Chair: Laura Flores-Sarnat (The University of Calgary, Canada)

LS8-2D-1  “To Be Announced”
Akemi Tomoda (University of Fukui, Japan)

LS8-2D-2  “To Be Announced”
Reiko Horikawa (National Center for Child Health and Development, Japan)

15:40-17:30  Parallel Session 16: Neuroradiography Imaging
PS16
Chairs: Kai-Ping Chang (Taipei Veterans General Hospital, Taiwan)
Atsushi Ogawa (Fukuoka University Chikushi Hospital, Japan)

PS16-2D-K  Developmental Changes in Pediatric Neuroanatomy Including the Fetus: Evaluation by MRI
Keynote: Hidetsuna Utsunomiya (Takatsuki General Hospital, Japan)

PS16-2D-1  Neuroimaging of Central Nervous System Infections in Childhood
Pratibha Singhi (Postgraduate Institute of Medical Education & Research, India)

PS16-2D-2  MR Imaging of Central Nervous Viral Infectious and Parainfectious Diseases in Pediatric Age
Kumiko Ando (Hyogo College of Medicine, Japan)

PS16-2D-3  Neuroimaging of Metabolic Brain Disease: Patterns of Complexity
Tchoyoson CC Lim (National Neuroscience Institute & Duke-National University of Singapore, Singapore)

Day 2 May 12th, 2017 (Friday)
Room E (RIGEL / 3F)

17:30-18:30  Scientific Platform 1: Issues in Less Resource Regions
SP1
Chairs: Jo Wilmshurst (Red Cross Children’s Hospital, University of Cape Town, South Africa)
Marilyn H Ortiz (Philippine Children's Medical Center, Philippines)

SP1-2E-1  Congenital Rubella Syndrome: A Surveillance in Bandung
Mia Milanti Dewi (Universitas Padjadjaran, Indonesia)

SP1-2E-2  The Vietnamese Version of the Health-Related Quality Of Life Measure for Children with Epilepsy (CHEQOL-25): Reliability
Tri Huu Doan (University of Medicine and Pharmacy at Ho Chi Minh City, Viet Nam)

SP1-2E-3  Comparision of Levetiracetam and Valproate in Children with Refractory Status Epilepticus in a Resource Constraint Setting: A Randomized Trial
Naveen Sankhyan (Post Graduate Institute of Medical Education and Research, India)
SP1-2E-4 A Retrospective Study to Look for Aetiology of Cerebral Palsy, Time at Diagnosis and the Time Taken to Start Rehabilitation Services in Patients Following Rehabilitation Services at Lady Ridgeway Hospital, Colombo, Sri Lanka
Sembakuttige Amali Chinthika Dalpatadu (Colombo South teaching Hospital, Sri Lanka)

SP1-2E-5 Use of Alternative Therapy and Parental Responses in Children with Cerebral Palsy: A Developing Country Perspective
Arushi Gahlot Saini (Post Graduate Institute of Medical Education and Research, India)

Day 2 May 12th, 2017 (Friday) Room F (VEGA /3F)

17:30-18:30 Scientific Platform 2: Infection in Developing Countries SP2

Chairs: Pratibha Singhi (Postgraduate Institute of Medical Education & Research, India)
Kyaw Linn (Yangon Children Hospital, Myanmar)

SP2-2F-1 Secondary Complications in Tuberculous Meningitis in Children: A Prospective Cohort Study From India
Sumeet Rajendra Dhawan (Post Graduate Institute of Medical Education and Research, India)

SP2-2F-2 Clinical Analysis of 45 Children Cases with Cryptococcus Meningitis
Liwen Wu (Xiangya Hospital of Central South University / Hunan Intellectual and Developmental Disabilities Research Center, China)

SP2-2F-3 Enigma Behind Calcified Neurocysticercosis: Can We Predict Calcification?
Renu Suthar (Post Graduate Institute of Medical Education and Research, India)

SP2-2F-4 The Clinical Outcomes of Japanese Encephalitis Admitted at Philippine Children’s Medical Center From 2011-2015
Madelyn Pagdanganan Pascual (Philippine Children’s Medical Center, Philippines)

SP2-2F-5 Clinical Spectrum and Predictive Factors of Neurological Manifestation in Children with Severe Dengue Infection in Pediatric Intensive Care Unit (PICU)
William Cheng (Hermina Jatinegara Hospital / University of Indonesia - RSCM, Indonesia)

Day 3 May 13th, 2017 (Saturday) Room A (Argos A-B/1F)

7:30-8:20 Morning Seminar 5: NGS MS5

Chair: Hirotomo Saitsu (Hamamatsu University School of Medicine, Japan)

MS5-3A-1 Application of High-Throughput Sequencing in Child Neurology
Leading Speaker: Ganesh Mochida (Boston Children's Hospital, USA)

MS5-3A-2 Gene Mutation Screening Using Whole Exome Sequencing in Lipid Storage Myopathy
Kazuko Takayama (National Institute of Neuroscience, NCNP / Toho University, Japan)

MS5-3A-3 Clinical Application of Whole Exome Sequencing in Patients with Uncertain Neurological Disorders
Murim Choi (Seoul National University, Republic of Korea)
MS5-3A-4  Phenotype-Driven Designing “Virtual Panels” is Efficiency for Analyzing the Date of Case-Only Clinical-Whole-Exome Sequencing
Xu Wang (Beijing Children’s Hospital, The Capital University of Medical Sciences, China)

8:30-10:00  Recent Eponyms in Child Neurology: Three Men’s Legacies:  ML
Co-sponsored by The Japanese Society of Child Neurology

Chairs:  Jo Wilmshurst (Red Cross Children’s Hospital, University of Cape Town, South Africa)
         Hsiu-ying Yu (Emeritus Professor, National Taiwan University, Taiwan)

ML-1  Fukuyama Congenital Muscular Dystrophy (FCMD): Revisited
Makiko Osawa (An Emeritia Professor, Tokyo Women’s Medical University, Japan)

ML-2  Fukutin is Ribitol 5-Phosphate Transferase: Recent Advance in Fukuyama Muscular Dystrophy
Tatsushi Toda (Kobe University Graduate School of Medicine, Japan)

ML-3  The Best Teacher in Medicine is the Patients; The Discovery of Segawa Disease
Yoshiko Nomura (Yoshiko Nomura Neurological Clinic for Children, Japan)

ML-4  A Story of Identification of the Causative Gene for Segawa’s Disease
Hiroshi Ichinose (Tokyo Institute of Technology, Japan)

ML-5  Ohtahara Syndrome: The Connection Between Brain Development and Epileptic Encephalopathy
Yoko Ohtsuka (Asahigawaso Rehabilitation and Medical Center, Japan)

ML-6  Identification of STXBP1 Mutations in Patients with Ohtahara Syndrome
Hirotomo Saitsu (Hamamatsu University School of Medicine, Japan)

10:30-12:20  Parallel Session 17: Neuromuscular Disorder  PS17

Chairs:  Haluk Topaloglu (Hacettepe University Children’s Hospital, Turkey)
         Hideo Sugie (Tokoha University, Japan)

PS17-3A-K  Fundamental Treatments of Duchenne Muscular Dystrophy
Keynote:  Masafumi Matsuo (Kobe Gakuin University, Japan)

PS17-3A-1  Molecular Diagnosis of Inherited Neuromuscular Diseases by Targeted Next-Generation Sequencing: Outcomes and Lessons Learned
Yuh-Jyh Jong (Kaohsiung Medical University, Taiwan)

PS17-3A-2  Congenital Muscular Dystrophy with Defective Alpha-Dystroglycan Glycosylation; Lessons Learned from Korean Experience
Jong Hee Chae (Seoul National University Children’s Hospital, Korea)

PS17-3A-3  Dystrophinopathy and Differential Diagnoses in Iran
Yalda Nilipour (Mofid children hospital, Shahid Beheshti University of Medical Sciences, Iran)

12:30-13:30  Luncheon Seminar 9: SMA: Diagnosis of Spinal Muscular Atrophy as Genetic Disease  LS9
Co-sponsored by Biogen Japan Ltd

Chair:  Toshio Saito (National Hospital Organization Toneyama National Hospital, Japan)

LS9-3A-1  Genetic Diagnosis of Spinal Muscular Atrophy in Japan
Hisahide Nishio (Kobe University Graduate School of Medicine, Japan)
LS9-3A-2  Genetic Diagnosis of Spinal Muscular Atrophy and Newborn Mass Screening in Taiwan
Yin-Hsiu Chien (National Taiwan University Hospital, Taiwan)

13:40-15:10  Keynote Lecture 2:  

KL2-1  Neurobiology of Neural Stem/Progenitor Cells and Its Application to Child Neurology
Takao Takahashi (Keio University School of Medicine, Japan)

KL2-2  Cybernic Treatment with HAL and the Future of Childhood Neurological Disorders
Yoshiyuki Sankai (Center for Cybernics Research, University of Tsukuba, Japan)

16:00-17:30  Scientific Platform 3: Epilepsy A & B

SP3-3A-1  Evolution of EEG Findings in Patients with Intractable Partial Epilepsy Successfully Treated by Pranlukast
Ayemu Saan (Yangon Children Hospital, Myanmar / Shizuoka Institute of Epilepsy and Neurology, Japan)

SP3-3A-2  Atonic Elements Combined or Uncombined with Epileptic Spasms in Infantile Spasms
Zhixian Yang (Peking University First Hospital, China)

SP3-3A-3  Structural Network Analysis with a Graph Theoretical Analysis in Children with Localization-Related Epilepsy
Kanako Takeda (Kawasaki Municipal Tama Hospital / St. Marianna University School of Medicine / Integrative Brain Imaging Center, NCNP, Japan)

SP3-3A-4  Surgical Treatment and Long-Term Seizure and Developmental Outcome of Infantile Epileptic Encephalopathies Associated with Cortical Dysplasia
Kenji Sugai (National Center of Neurology and Psychiatry, National Center Hospital, Japan)

SP3-3A-5  Molecular Diagnosis of Epileptic Encephalopathies Using Targeted Next Generation Sequencing (NGS)
Jao-Shwann Liang (Far Eastern Memorial Hospital, Taiwan)

SP3-3A-6  Clinical Features and Targeted Sequencing of Early Epileptic Encephalopathies Patients with Unknown Cause
Ahmed Arafat (Xiangya Hospital of Central South University, China)

SP3-3A-7  Clinical Features and Gene Mutations Analysis in 62 Children with Early-Onset Epileptic Encephalopathy of Unknown Causes
Hua Wang (Shengjing Hospital of China Medical University, China)
Day 3 May 13th, 2017 (Saturday)
Room B (Argos C/1F)

7:30-8:20 Morning Seminar 6: Functional Neuroimaging

MS6-3B-1 Functional Neuroimaging Including Advanced MRI Techniques to Evaluate Neuronal Abnormality for Pediatric Patients
Leading Speaker: Masafumi Harada (Tokushima University, Japan)

MS6-3B-2 Neurмагnetic Differences of Multi-Frequency Brain Activities Between Eyes-open and Eyes-Closed
Yu Ying Fan (Shengjing Hospital, China Medical University, China / Cincinnati Children's Hospital, USA)

MS6-3B-3 Developmental Change of GABAergic System Measured with 123I-Iomazenil SPECT
Satoru Ikemoto (Saitama Children’s Medical Center, Japan)

MS6-3B-4 18Flourine-FlouroDeoxyglucose PET (18F-FDG PET) in Pre-Surgical Evaluation of Refractory Childhood Epilepsy
Sumitha Murugesu (Hospital Kuala Lumpur, Malaysia)

10:30-12:20 Parallel Session 18: Encephalopathy

PS18-3B-K Recent Advances in the Research of Acute Encephalopathy
Keynote: Masashi Mizuguchi (The University of Tokyo, Japan)

PS18-3B-1 Acute Infantile Encephalopathy Predominantly Affecting the Frontal Lobes (AIEF)
Hideo Yamanouchi (Saitama University Medical Hospital, Japan)

PS18-3B-2 Acute Necrotizing Encephalopathy in Children: A Rare but Important Neurological Condition
Soonhak Kwon (Kyungpook National University Children’s Hospital, Korea)

PS18-3B-3 Neurological Complications of Viral Infection in Children: A Pathophysiological Perspective
Hiroshi Sakuma (Tokyo Metropolitan Institute of Medical Science, Japan)

12:30-13:30 Luncheon Seminar 10: Growth Hormone 2

LS10-3B-1 The Effect of Growth Hormone Treatment on Brain Metabolism in Children
Shin-ichi Niijima (Juntendo University Nerima Hospital, Japan)

16:00-17:30 Scientific Platform 4: ASD / ADHD A & B

SP4-3B-1 Early Detection of Autism Spectrum Disorder (ASD) by Applying Specific Preferential-Looking Behaviour Using Time Sequential Analysis
Tatsuya Koeda (National Center for Child Health and Development, Japan)
SP4-3B-2  Tympanic Deep Body Temperature as a Biomarker of Autistic Spectrum Disorders  
Tomohiro Nakayama (Ibaraki Prefectural University of Health Science, Japan)

SP4-3B-3  A New QEEG Method for Better Diagnosis of ADHD by Time-Domain Analysis  
Lung-Chang Lin (Kaohsiung Medical University / Kaohsiung Medical University Hospital, Taiwan)

SP4-3B-4  Reduced Prefrontal Cortex Activation in Children with Attention-Deficit/Hyperactivity Disorder During N-Back Task: A Functional Near-Infrared Spectroscopy Study  
Shuo Miao (Children's Hospital Affiliated to Capital Institute of Pediatrics, China)

SP4-3B-5  Acupuncture for Non-Verbal Autistic Children: a Pilot Study  
Wen-Xiong Chen (Guangzhou Women and Children's Medical Center, China)

SP4-3B-6  The Efficacy of Yokukansan for the Children of Autism Spectrum Disorder - Favorable Effects on Language  
Shigeru Hanaoka (Matsudo Municipal Center for Child Development, Japan)

SP4-3B-7  Carbonic Anhydrase Inhibitors for Attention Deficit Hyperactivity Disorder - From Rodent to Human  
Ming-Tao Yang (Far Eastern Memorial Hospital / Yuan Ze University, Taiwan)

SP4-3B-8  A New Therapeutic Approach for Rett Syndrome: A Single-Institution Trial of Ghrelin Treatment  
Toyojiro Matsuishi (Research Center for Children, St. Mary's Hospital, Japan)

Day 3 May 13th, 2017 (Saturday)

7:30-8:20  Morning Seminar 7: Ultra Sound  
Chair: Jun Natsume (Nagoya University Graduate School of Medicine, Japan)

MS7-3C-1  Cranial Ultrasonography: Its Usefulness and Progress  
Leading Speaker: Ko Ichihashi (Saitama Medical Center Jichi Medical University, Japan)

MS7-3C-2  Quantitative Muscle Ultrasound vs. Magnetic Resonance Imaging in Duchenne Muscular Dystrophy  
Jun Hu (Union Hospital, Fujian Medical University, China)

MS7-3C-3  Determination of Normal Reference Values of Mean Flow Velocity and Pulsatility Index Using Transcranial Doppler Sonography Among Healthy Children  
Nancy Buena M. Tenorio (Philippine Children's Medical Center, Philippines)

MS7-3C-4  Long Term Cognitive Outcome in Preterm Infants With Mild Periventricular Echo-Enhance  
Ming Li (Peking University First Hospital, China)

10:30-12:20  Parallel Session 19: Neurometabolic Disorder  
Chairs: Asma Abdullah Al Tawari (Al Sabah Hospital, Ministry of Health, Kuwait)  
Shinji Saito (Nagoya City University Graduate School of Medical Sciences, Japan)

PS19-3C-K  Molecular Basis of Neurometabolic Diseases: From Molecule to Patient  
Yoshiyuki Suzuki (Tokyo Metropolitan Institute of Medical Science, Japan)
PS19-3C-1 Metabolic Myopathy in Pediatric Patients
Parvaneh Karimzadeh (Shahid Beheshti University of Medical Sciences, Mofid Children Hospital, Iran)

PS19-3C-2 Expanding the Phenotype of Thiamine Transporter Deficiency
Mohammad A. AlMuhaizea (AlFaisal University, King Faisal Specialised Hospital and Research Centre, Saudi Arabia)

PS19-3C-3 The Clinical and Genetic Characteristics of Chinese Children with Leigh Syndrome
Fang FANG (Beijing Children's Hospital of Capital Medical University, China)

12:30-13:30 Luncheon Seminar 11: Fabry Disease LS11
Chair: Kimitoshi Nakamura (Kumamoto University, Japan)

LS11-3C-1 Screening for Fabry Disease in Taiwan: Importance of Early Diagnosis
Dau-Ming Niu (Taipei Veterans General Hospital, Taiwan)

LS11-3C-2 High-Risk Screening for Fabry Disease in Japan
Motomichi Kosuga (Division of Medical Genetics, National Center for Child Health and Development, Japan)

16:00-17:30 Scientific Platform 5: Encephalopathy / Neuroimmunology A & B SP5
Chairs: Shyi-Jou Chen (Tri-Service General Hospital, National Defense Medical Center, Taiwan)
Yoshihiro Maegaki (Tottori University Hospital, Japan)

SP5-3C-1 Prognostic Indicators and Effectiveness of Treatments for Acute Encephalopathy with Biphasic Seizures and Late Reduced Diffusion
Sooyoung Lee (Fukuoka Children's Hospital / Kyushu University, Japan)

SP5-3C-2 Reversible Splenial Lesion Syndrome in Children: Retrospective Study and Update Summary of Case Series
Wen-Xiong Chen (Guangzhou Women and Children Medical Center, China)

SP5-3C-3 The Short-Term and Long-Term Outcome of Febrile Infection-Related Epilepsy Syndrome (FIRES) in Children: One Medical Center's Experience
Sio Kuan Lam (Kiang Wu Hospital, Macao / National Taiwan University Hospital, Taiwan)

SP5-3C-4 Factors Associated with Long-term Neurological Outcomes After Acute Childhood Encephalopathy: A Retrospective Study of 74 Cases.
Yusuke Takezawa (Takuto Rehabilitation Center / Miyagi Children's Hospital / Tohoku University Hospital, Japan)

SP5-3C-5 Low Dose of Diphenyleneiodonium (DPI), Specific NADPH Oxidase 2 (NOX2) Inhibitor, Targets NOX2 and Ameliorates Experimental Autoimmune Encephalomyelitis (EAE) Severity in Mouse Model
Chih-Fen Hu (Tri-Service General Hospital / National Institute of Environmental Health Sciences, Taiwan)

SP5-3C-6 Narcolepsy in Children: Relationship to the H1N1 Influenza Vaccination, Association with Psychiatric and Cognitive Impairments and Consequences in Daily Life
Attila Szakacs (Halmstad County Hospital / Institute of Clinical Sciences, Sweden)

SP5-3C-7 Anti-NMDA Receptor Encephalitis: Outcome of Treatment with Cyclophosphamide IV
Lunliya Thampratankul (Ramathibodi Hospital, Thailand)
Efficacy and Safety of Rituximab in Autoimmune CNS Disease of Chinese Children

Ji Zhou (Peking University First Hospital, China)

Day 3 May 13th, 2017 (Saturday)

7:30-8:20 Morning Seminar 8: Epilepsy

Chair: Shahnaz Ibrahim (Aga Khan University, Pakistan)

MS8-3D-1 Overview on Epilepsy
Leading Speaker: Jo Wilmshurst (Red Cross Children's Hospital, University of Cape Town, South Africa)

MS8-3D-2 Relationship Between Thrombocytopenia and Immature Platelet Fraction in Valproic Acid Administration
Hirokazu Kurahashi (Aichi Medical University, Japan)

MS8-3D-3 Risk Factors of Epilepsy Onset in Infancy: Case Control Study
Irawan Mangunatmadja (Cipto Mangunkusumo Hospital, Universitas Indonesia, Indonesia)

MS8-3D-4 Epidemiology and Response to Treatment of West Syndrome: Report from the Sri Lanka Infantile Spasm Registry (SLISR)
Jithangi Wanigasinghe (University of Colombo, Sri Lanka)

10:30-12:20 Parallel Session 20: Meet the Experts - Video Sessions on Epilepsy

Moderators: Ingrid Scheffer (University of Melbourne & Florey Institute, Australia)
Heung Dong Kim (Severance Children’s Hospital, Yonsei University College of Medicine, Korea)

Experts: Charcrin NaBangchang (Phramongkutklao College of Medicine, Thailand)
Pratibha Singhi (Postgraduate Institute of Medical Education & Research, India)
Hirokazu Oguni (Tokyo Women’s Medical University Hospital, Japan)

PS20-3D-1 A Case of Epilepsia Partialis Continua Associated with Alpers-Huttenlocher Syndrome Affecting Multiple Body Sites
Jianmin Liang (First Hospital of Jilin University, China)

PS20-3D-2 An Axial Twisting Epileptic Spasms Generated from the Unilateral Cerebral Hemisphere in a Case of Aicardi Syndrome
Kaori Sassa (Saitama Medical University Hospital, Japan, Japan)

PS20-3D-3 Is it the Result or Cause of Status Epilepticus?—Reversible Brain MRI Abnormalities at 7 Hours After Seizure Onset
Chen Chen (Xiangya Hospital, Central South University, China)

12:30-13:30 Luncheon Seminar 12: UCB Epilepsy Symposium

Chair: Hideo Yamanouchi (Saitama Medical University, Japan)

LS12-3D-1 Maximising Treatment Selection for Young Women with Epilepsy
Jing Qin (Peking University First Hospital, China)
LS12-3D-2  Long-Term Impact of AEDs on Cognition and Learning of Children with Epilepsy
Kate Riney (Lady Cilento Children’s Hospital, Australia)

16:00-17:30  Scientific Platform 6: Neurogenetics & Precision Medicine  SP6

Chairs: Shinji Saitoh (Nagoya City University Graduate School of Medical Sciences, Japan)
        Haluk Topaloglu (Hacettepe University Children’s Hospital, Turkey)

SP6-3D-1  De Novo Mutations of GRIAR in Two Children with Epilepsy and Intellectual/Developmental Disabilities
Wenshu XiangWei (Peking University First Hospital, China)

SP6-3D-2  A De Novo Missense Mutation of GABRB2 Causes Early Myoclonic Encephalopathy
Atsushi Ishii (Fukuoka University, Japan)

SP6-3D-3  TRIM8 is a New Gene Associated with Early-Onset Epileptic Encephalopathy
Satoshi Akamine (Kyushu University, Japan)

SP6-3D-4  Newly Identified Glycosylphosphatidylinositol (GPI) Deficiency Caused by PIGG Mutations Shows Intellectual Disability, Seizures and Hypotonia
Kazuyuki Nakamura (Yamagata University Faculty of Medicine, Japan)

SP6-3D-5  Diagnosis and Treatment of Two Chinese Boys with Hyperornithinemia-Hyperammonemia-Homocitrullinuria Syndrome
Hanzhou Guan (Shanxi Provincial Children’s Hospital, China)

SP6-3D-6  3 Cases of Vitamin B6-Responsive Infantile Spasms with Negative Mutations in 2742 Disease-Related Genes
Jiwen Wang (Shanghai Children’s Medical Center, Shanghai Jiaotong University, China)

SP6-3D-7  Five-Methyltetrahydrofolate in the Cerebrospinal Fluid of Pediatric Patients with Inborn Errors of Metabolism Affecting Folate Metabolism and Transport
Tomoyuki Akiyama (Okayama University Hospital, Japan)

SP6-3D-8  Nonsense Mutation Dystrophinopathy: The Shift in the Diagnostic Paradigm in the Era of Mutation-Specific Treatments
Didem Ardicli (Hacettepe University, Turkey)

Day 4 May 14th, 2017 (Sunday)  Room A (Argos A-B/1F)

7:30-8:20  Morning Seminar 9: Array CGH  MS9

Chair:  Lee Jee Hun (Samsung Medical Center, Sungkyunkwan University, Korea)

MS9-4A-1  Overview of Chromosomal Microarray Testing
Leading Speaker: Toshiyuki Yamamoto (Institute of Medical Genetics, Tokyo Wemen’s Medical University, Japan)

MS9-4A-2  EP300-Related Rubinstein - Taybi Syndrome Diagnosed by Array - CGH
Hitomi Hayashi (Fukuoka University Chikushi Hospital, Japan)

MS9-4A-3  Large de novo Microdeletion in Children with Epilepsy and Intellectual and Developmental Disabilities, a Systems Biology Analysis
Kai Gao (Peking University First Hospital, China)
Role of Array CGH Analysis in Developmental Delay: A Diagnostic Tool for Pediatric Neurologists
Tung Ming Chang (Changhua Christian Children’s Hospital, Taiwan)

8:30-10:00 Special Topics Seminar 1: Movement Disorder New Vision in Pediatric Movement Disorders STS1

Chairs: Huei-Shyong Wang (Chang Gung University, Chang Gung Children’s Hospital, Taiwan)
Vrajesh Udani (P.D. Hinduja National Hospital & Medical Research Centre, India)

STS1-4A-1 Developmental Movement Disorders in Children
Tajul Taj (Sultan Ismail Hospital, Malaysia)

STS1-4A-2 Infectious and Immunity Role in Movement Disorders
Krisnachai Chomtho (Chulalongkorn University, Thailand)

STS1-4A-3 Metabolic Role in Movement Disorders
Brahim Tabarki MELAIKI (Prince Sultan Military Medical City, Saudi Arabia)

STS1-4A-4 Genetics of Movement Disorders
Wang-Tso Lee (National Taiwan University Children’s Hospital, Taiwan)

Day 4 May 14th, 2017 (Sunday) Room B (Argos C/1F)

7:30-8:20 Morning Seminar 10: iPS MS10

Chair: Hsi Chang (Taipei Medical University Hospital, Taiwan)

MS10-4B-1 Overview of iPSC Research on Pediatric Neurological Diseases
Leading Speaker: Norimichi Higurashi (Jikei University School of Medicine, Japan)

MS10-4B-2 Modeling Infantile-Onset Pompe Disease with Patient iPSCs Reveals Disturbed mTORC1 Signaling as an Early Pathogenesis of the Skeletal Muscle Damage
Takeshi Yoshida (Kyoto University Graduate School of Medicine / CiRA, Kyoto University, Japan)

MS10-4B-3 The Protective Effects of Edaravone in Generated Spinal Motor Neuron Using iPSCs Derived from a Spinal Muscular Atrophy Patient
Shiori Ando (Gifu Pharmaceutical University / Nagara Medical Center, Japan)

MS10-4B-4 A Human iPSC Model of STXBPI-related Epileptic Encephalopathy Uncovers Specific Neural Dysfunctions
Satoshi Yamashita (Kyoto Prefectural University of Medicine, Japan)

8:30-10:00 Special Topics Seminar 2: ADHD Treatment Neurofeedback vs Medication STS2

Co-sponsored by Hitachi, Ltd.

Chairs: Suad Al Yamani (King Faisal Specialist Hospital & Research Center, Saudi Arabia)
Wang Xin (Children Hospital affiliated to Capital institute of Pediatrics, China)

STS2-4B-1 Facial Recognition in Children with ADHD: Functional Near-Infrared Spectroscopic Study
Takeshi Inoue (Dokkyo Medical University Koshigaya Hospital, Japan)

STS2-4B-2 Acute Neuropharmacological Effects of ADHD Medications on Children with Attention Deficit/ Hyperactivity Disorder as Assessed Using fNIRS
Yukifumi Monden (Jichi Medical University, Japan)
STS2-4B-3  The Application of Neurofeedback Therapy on Improving Score of Test of Variable of Attention in ADHD Children in Jakarta
Dharmawan Ardi Purnama (Center for Neuropsychiatry Hospital, Indonesia)

STS2-4B-4  A Brain-Computer Interface Based Intervention for ADHD
Choon Guan Lim (Institute of Mental Health, Singapore)

Day 4 May 14th, 2017 (Sunday)  Room C (Argos D/1F)

7:30-8:20  Morning Seminar 11: Ketogenic Diet  MS11
Chair: Mohammad Ghofrani (Pediatric Neurology Research Center / Shahid Beheshti University of Medical Sciences, Mofid Children Hospital, Iran)

MS11-4C-1  Ketogenic Diet: Overview
Leading Speaker: Heung Dong Kim (Severance Children’s Hospital / Yonsei University College of Medicine, Korea)

MS11-4C-2  The Efficiency of Ketogenic Diet on Dravet Syndrome
Chen Chen (Xiangya Hospital of Central South University, China)

MS11-4C-3  Ketogenic Diet Effects on the Clinical Features of Children with Pharmacoresistant Epileptic Encephalopathy: A Prospective Study
Hua Wong (Shengjing Hospital of China Medical University, China)

MS11-4C-4  Ketogenic Diet in Iranian Pediatric Patients
Mohammad Ghofrani (Pediatric Neurology Research Center / Shahid Beheshti University of Medical Sciences, Mofid Children Hospital, Iran)