

**The 3rd Ann Mtg (1999) –
The 3rd National Meeting of the Study Group on Seizures
in Infancy and Early Childhood**

Date **December 18 (Sat), 1999**
Venue **Clinical Conference Hall I**
 Tokyo Women's Medical College
8-1 Kawada-cho, Shinjuku-ku,
Tokyo 162-8666, Japan

09:40-09:45

Opening Address

Yukio FUKUYAMA

09:45-10:30

Chairperson : Hisao MIURA

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| 1 | <p>The Follow-up Study of a Case of Tuberos Sclerosis Presenting Multiple Cardiac Tumors and West Syndrome</p> <p><u>Fumihiko KATAYAMA</u>^{①②}, Hisao MIURA^①, Hiroyuki SHIRAI^①, Wataru SUNAOSHI^①, Nozomi HOSODA^①, Kaoru SHIMANUKI^①, Kenji TAKEI^①, Toshiyuki IWASAKI^①, Masami FUKATSU^①, Satoshi HIRAISHI^①</p> <p>①Department of Pediatrics, Kitasato University School of Medicine, Sagamihara, Kanagawa, Japan ②Ochiai Medical Clinic, Atsugi, Kanagawa, Japan</p> |
| 2 | <p>A Study of Infantile Onset Idiopathic Convulsions</p> <p><u>Masako SAKAUCHI</u>, Hirokazu OGUNI, Kitami HAYASHI, Makiko OSAWA</p> <p>Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan</p> |

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| <p>3</p> | <p>Malformation of the Craniovertebral Junction and Stroke</p> <p><u>Heinz ZOTTER</u>^①, Werner ZENZ^①, Bettina ZÖHRER^①, Siegfried GALLISTL^①, Franz LINDBICHLER^②</p> <p>①Department of Pediatrics, Karl Franzens University of Graz, Graz, Austria ②Department of Radiology, Karl Franzens University of Graz, Graz, Austria</p> |
| <p>10:30-11:25</p> <p style="text-align: right;">Chairperson : Kazuyoshi WATANABE</p> | |
| <p>4</p> | <p>A Case of Landau-Kleffner Syndrome</p> <p><u>Minoru OKABE</u>^①, Yoshio TAKAHASHI^②</p> <p>①Department of Pediatrics, National Nishi Sapporo Hospital, Sapporo, Hokkaido, Japan ②Department of Neurosurgery, Hokkaido Children's Hospital, Otaru, Hokkaido, Japan</p> |
| <p>5</p> | <p>Early Onset Childhood Epilepsy with Marked Deterioration</p> <p><u>Mana KURIHARA</u>, Komei KUMAGAI, Yoichiro NAKAE</p> <p>Department of Pediatrics, The Kanagawa Rehabilitation Center, Atsugi, Kanagawa, Japan</p> |
| <p>6</p> | <p>SPECIAL INVITATION: Spectrum of Epileptic Syndrome with Electrical Status Epilepticus during Sleep (ESES) in Children – Reversibility of Language, Neuropsychological Dysfunction and EEG Epileptic Discharges with a Trial of Benzodiazepines</p> <p><u>Virginia WONG</u>,</p> <p>Division of Neurodevelopmental Pediatrics, Department of Pediatrics, The University of Hong Kong, Hong Kong</p> |
| <p>11:25-12:05</p> <p style="text-align: right;">Chairperson : Kazuie IINUMA</p> | |

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| <p>7</p> | <p>Age-Dependent Changes in Neurotransmitter Production in Cerebrospinal Fluid of Convulsive Children and Seizure Susceptibility</p> <p><u>Hitoshi YAMAMOTO</u>, Hiroshi MURAKAMI, Masako ASOH, Noriko KAMIYAMA</p> <p>Department of Pediatrics, St. Marianna University School of Medicine, Kawasaki, Kanagawa, Japan</p> |
| <p>8</p> | <p>SPECIAL INVITATION: Creatine Prevents Seizures in an Animal Model of Neonatal Hypoxia</p> <p><u>David HOLTZMAN</u>, Tea KEKELIDZE, Igor KHAIT, Jorge BENZECRY, Anthony TOGLIATTI</p> <p>Departments of Neurology and Radiology, Massachusetts General Hospital and Harvard Medical School, Boston, MA, USA</p> |
| <p>11:25-13:20</p> | <p>Lunch time, Council meeting</p> |
| <p>12:05-14:05</p> | <p style="text-align: center;">Chairperson: Tohru KONISHI</p> |
| <p>9</p> | <p>The Clinical Study of Febrile Seizures in Children with MRI Abnormality</p> <p><u>Tatsuya TANABE</u>^①, Shuhei SUZUKI^②, Keita HARA^①, Shuichi SHIMAKAWA^②, Eiji WAKAMIYA^②, Hiroshi TAMAI^②</p> <p>①Department of Pediatrics, Hirakata Municipal Hospital, Hirakata, Osaka, Japan ②Department of Pediatrics, Osaka Medical College, Takatsuki, Osaka, Japan</p> |
| <p>10</p> | <p>A Clinical and Electroencephalographic Study of Patients with Generalized Epilepsy with Febrile Seizures Plus</p> <p><u>Takashi KIJITANI</u>, Takafumi KIMURA, Motonori KANEKO, Yohko TAKEDA</p> <p>Department of Pediatrics, Kawasaki Hospital, Kawasaki Medical School, Okayama, Japan</p> |

11**Significant Evidence for Linkage of Febrile Seizures to Chromosome 5q14-q15**

Junko NAKAYAMA^{①③}, **Kenzo HAMANO**^②, **Nobuaki IWASAKI**^①,
Akira MATSUI^①, **Hideo HAMAGUCHI**^③, **Tadao ARINAMI**^③

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②Department of Pediatrics, Kitaibaraki Municipal General Hospital, Kitaibaraki,
Ibaraki, Japan

③Department of Medical Genetics, Institute of Basic Science, University of Tsukuba,
Tsukuba, Ibaraki, Japan

14:05-15:05

Special Guest Lecture**Chairperson: Shunsuke OHTAHARA****Clinical and Molecular Genetics of Febrile Seizures****Samuel F. BERKOVIC****Professor, Department of Medicine, University of Melbourne;****Director, Epilepsy Research Institute, Austin and Rehabilitation Medical Centre;****Honorary Neurologist, Royal Children's Hospital, Melbourne, Australia**15:05-
15:25**INTERMISSION**

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| <p>12</p> | <p>A Japanese Family with Autosomal Dominant Nocturnal Frontal Lobe Epilepsy</p> <p>Masatoshi ITO^①, Kenichiro KOBAYASHI^①, Tatsuya FUJII^①, Takehiko OKUNO^①, Shinichi HIROSE^②, Hiromi IWATA^②, Akihisa MITSUDOME^②, Sunao KANEKO^③</p> <p>①Department of Pediatrics, Shiga Medical Center for Children, Moriyama, Shiga, Japan ②Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan ③Department of Neuropsychiatry, Hirosaki University, Hirosaki, Aomori, Japan</p> |
| <p>13</p> | <p>A Novel Mutation of the KLNQ3 Gene (c925T>C) in a Japanese Family with Benign Neonatal Familial Convulsions (BFNC2)</p> <p>Shinichi HIROSE^①, Fumio ZENRI^①, Hidetaka AKIYOSHI^①, Goryu FUKUMA^①, Hiromi IWATA^①, Takahito INOUE^①, Minako YONETANI^①, Makoto TSUTSUMI^①, Hideki MURANAKA^②, Toru KUROKAWA^③, Toshio HANAI^④, Kazumaru WADA^⑤, Sunao KANEKO^⑤, Akihisa MITSUDOME^⑤</p> <p>①Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan ②Department of Pediatrics, School of Medicine, Hirosaki University, Hirosaki, Aomori, Japan ③Department of Pediatrics, National Sanatorium Nishi-Beppu Hospital, Beppu, Oita, Japan ④Department of Pediatric Neurology, Fukuoka Children's Hospital Medical Center, Fukuoka, Japan ⑤Department of Neuropsychiatry, School of Medicine, Hirosaki University, Hirosaki, Aomori, Japan</p> |
| <p>15:55-17:10 Workshop on West Syndrome – Monotherapy with Zonisamide</p> | |
| <p>15:55-16:00 Introduction</p> <p style="text-align: right;">Yukio FUKUYAMA</p> | |
| <p>16:00-16:10 Report 1</p> | |
| <p>14</p> | <p>Treatment of West Syndrome with Zonisamide – Summary of 13 Cases</p> <p>Akio HIKIMA^①, Nobuzou SHIMIZU^②, Nobuko TAKEZAWA^②</p> <p>①Department of Pediatrics, Gunma University School of Medicine, Maebashi, Gunma, Japan ②Gunma Children's Medical Center, Seta-Gun, Gunma, Japan</p> |

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| 16:10-16:20 | |
| Report 2 | |
| 15 | Efficacy of Zonisamide in West Syndrome <u>Hisashi KAWAWAKI</u> Department of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan |
| 16:20-16:30 | |
| Report 3 | |
| 16 | Summary Report of Other 3 Original Articles <u>Yukio FUKUYAMA</u> Child Neurology Institute, Tokyo, Japan |
| 16:30-17:10 | |
| Presentation and Discussion on the Protocol | |
| <u>Jun KOHYAMA</u>^①, <u>Shinichi NIJIMA</u>^②, <u>Hitoshi YAMAMOTO</u>^③, <u>Kenji SUGAI</u>^④ | |
| ①Department of Pediatrics, Tokyo Medical and Dental University, Tokyo, Japan ②Department of Pediatrics, Izunagaoka Hospital, Juntendo University, Izunagaoka, Kanagawa, Japan ③Department of Pediatrics, St. Marianna University School of Medicine, Kawasaki, Kanagawa, Japan ④Department of Pediatric Neurology, National Center of Neurology and Psychiatry, Musashi Hospital, Kodaira, Tokyo, Japan | |
| 17:10-17:20 | General Business Meeting <u>Chikaya OTSUKA</u> |
| 17:20 | Closing Remarks <u>Chikaya OTSUKA</u> |
| 17:30-19:00 | Social Party |