

The 55th Annual Meeting of the Japanese Society of Child Neurology

May 30–June 1, 2013
Iichiko Culture Center/Oita Oasis Tower Hotel, Japan

PROGRAM

Presidential Lecture

The basic pathogenesis, heterogeneity and its therapeutic strategy of West syndrome and Tuberous sclerosis complex

Tatsuro Izumi* (Japan)

Departments of Pediatrics and Child Neurology, Oita University School of Medicine, Oita, Japan

Special Lecture 1

The community medicine and pediatric medicine in Oita Prefecture

Katsusada Hirose* (Japan)

The Governor of Oita, Oita, Japan

Special Lecture 2

Ryotaku Maeno Pioneer Spirit

Mahito Kawashima* (Japan)

Social Medical Corporation Genshindo Kawashima Orthopaedic Hospital, Oita, Japan

Keynote Lecture

The world of galactose: Pathogenesis and therapy of beta-galactosidase deficiency disorders

Yoshiyuki Suzuki* (Japan)

International University of Health and Welfare Graduate School, Tochigi, Japan

Invited Lecture 1

Education in Child Neurology: Current and Future Challenges

Paolo Curatolo* (Italy)

The Pediatric Neurology Unit, Tor Vergata University Hospital of Rome, Roma, Italy

Invited Lecture 2

Fukuyama congenital muscular dystrophy

Kevin P. Campbell* (USA)

Howard Hughes Medical Institute, Department of Molecular Physiology and Biophysics, University of Iowa, Carver College of Medicine, Iowa City, IA, USA

Invited Lecture 3

The use of NIRS in the neonatal intensive care unit. From physiology to monitoring

Gunnar Naulaers* (Belgium)

The Neonatal Intensive Care Unit, University Hospitals Leuven, Leuven, Belgium

Educational Lecture 1

Fukuyama muscular dystrophy- identification for fukutin, its pathomechanism, and therapeutic approach

Tatsushi Toda* (Japan)

Division of Neurology / Molecular Brain Science, Kobe University Graduate School of Medicine, Kobe, Japan

Educational Lecture 2

Genetic syndromes associated with the Ras/MAPK pathway

Yoko Aoki* (Japan)

Department of Medical Genetics, Tohoku University School of Medicine, Sendai, Japan

Educational Lecture 3

Epilepsy surgery for children with tuberous sclerosis complex

Hiroshi Otsubo* (Canada)

Division of Neurology, Clinical Neurophysiology, The Hospital for Sick Children, Department of Paediatrics, University of Toronto, Toronto, Canada

Educational Lecture 4

Surgical pathologic features of epileptogenic brain lesions in infants and children

Akiyoshi Kakita* (Japan)

Department of Pathology, Brain Research Institute, University of Niigata, Niigata, Japan

Educational Lecture 5

Developmental Disorders and Synapse Formation in the Brain

Masayoshi Mishina* (Japan)

Brain Science Laboratory, The Research Organization of Science and Technology, Ritsumeikan University, Kusatsu, Japan

Educational Lecture 6

Molecular genetics in early onset epileptic encephalopathy – Utilization of next generation sequencing technologies)

Hiroto Saito* (Japan)

Department of Human Genetics, Yokohama City University Graduate School of Medicine, Yokohama, Japan

Symposium 1: Neuroscience research of autismChairs: Toshiro Hara¹, Takeo Kubota² (Japan)¹Department of Pediatrics, School of Medicine, Kyushu University²Department of Epigenetic Medicine, School of Medicine, University of Yamanashi, Yamanashi, Japan

- 1) The interaction of secretin and oxidative stress in the pathogenesis of autism

Ichiko Nishijima* (Japan)

Environment and Genome Research Center, Tohoku University Graduate School of Medicine, Miyagi, Japan

- 2) Searching for the molecular pathways underlying pathogenesis of autism

Yasunari Sakai* (Japan)

Department of Pediatrics, Kyushu University, Japan

- 3) The biological studies for exploring new treatment of Rett syndrome

Masayuki Itoh* (Japan)

The Department of Mental Retardation and Birth Defect Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Kodaira, Japan

- 4) Epigenetic understanding of autistic diseases

Takeo Kubota* (Japan)

Department of Epigenetic Medicine, School of Medicine, University of Yamanashi, Yamanashi, Japan

- 5) Autism Spectrum Disorder: Current findings about phenotypic continuity and diagnostic overlap

Yoko Kamio* (Japan)

*National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan***Symposium 2: DNA repair disturbance and neurodegeneration**Chairs: Masaharu Hayashi¹, Katsuo Sugita² (Japan)¹The Mental Development Project, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan²The Division of Medical Science, Faculty of Education, Chiba University, Chiba, Japan

- 1) Xeroderma pigmentosum and Cockayne syndrome; from molecule to patient

Shinichi Moriwaki* (Japan)

Department of Dermatology, Osaka Medical College, Osaka, Japan

- 2) Neurodegeneration in xeroderma pigmentosum and Cockayne syndrome

Masaharu Hayashi* (Japan)

Mental Development Project, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan

- 3) AT and ATLD: Current approach to diagnosis, and future directions to treatment

Setsuko Kaneko* (Japan)

Department of Pediatrics and Developmental Biology, Tokyo Medical and Dental University, Tokyo, Japan

- 4) Ataxia telangiectasia: The evaluation and treatment of the neurological problems

Satoko Kumada* (Japan)

Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan

- 5) Spinocerebellar ataxias in childhood; overview and differential diagnosis

Hitoshi Osaka* (Japan)

*Division of Neurology, Kanagawa Childrens Medical Center, Yokohama, Japan***Symposium 3: Surgical indication of infantile catastrophic epilepsy, and its evaluation**Chairs: Taisuke Ohtsuki¹, Kensuke Kawai² (Japan)¹Department of Neurosurgery, National Center of Neurology and Psychiatry, Tokyo, Japan²Department of Neurosurgery, University of Tokyo, Tokyo, Japan

- 1) Etiology and clinical pictures of catastrophic epilepsy in infancy – Result from FACE study

Hirokazu Oguni* (Japan)

Dept of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

- 2) The standards for surgical adaptability and evaluation of catastrophic epilepsy in infancy: from the view point of pediatrician

Hitoshi Yamamoto* (Japan)

Department of Pediatrics, St. Marianna University School of Medicine, Kawasaki, Japan

- 3) Medical and surgical treatment strategy of infantile epileptic encephalopathy

Katsumi Imai (Japan)

National Epilepsy Center, NHO Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

- 4) The early surgical intervention, without antecedent ACTH-Zn therapy, improves the long term prognosis in patients with West syndrome

Kazuo Okanari*, Shin-ichi Uchiyama, Tomoki Maeda, Tatsuro Izumi (Japan)

The Department of Pediatrics, Oita University Faculty of Medicine / Division of Neurology, The Hospital for Sick Children, Toronto, Canada

- 5) Resective surgery for intractable epilepsy in infancy and childhood: Indication and prognosis

Taisuke Otsuki*, Akio Takahashi, Takanobu Kaido, Yuu Kaneko, Ryoko Honda, Takashi Saito, Yoshiaki Saito, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki (Japan)

Neurosurgery, National Center of Neurology and Psychiatry, Tokyo, Japan

- 6) Comments for a standard of surgical indication and evaluation for catastrophic epilepsies in infancy

Kenji Sugai* (Japan)

Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan

Symposium 4: Contribution of child neurology in community medicine : F medical treatment for pediatric patients with neurological disorders, developmental disorder, home care and severe motor and intellectual disabilitiesChairs: Taketsugu Minami¹, Asayo Ishizaki² (Japan)¹Minami Clinic, Kagoshima, Japan²The Japanese Association on Intellectual and Developmental Disorders: Oji Clinic, Division of Medicine, Japan

1) Pediatric neurologist in the street corner

Taketsugu Minami* (Japan)

Minami Clinic, Kagoshima, Japan

2) From neuron to clinical medicine, and further to society - From standpoint of a neurological clinic for children

Yoshiko Nomura* (Japan)

Segawa Neurological Clinic for Children, Tokyo, Japan

3) A pediatricians approaches to supporting of handicapped children in a community

Youji Kanehara* (Japan)

Kanehara Pediatrics Clinic, Shimonoseki, Japan

4) The role of neuropaediatrician to support in-home life of severe motor and intellectual disabilities

Keiko Shishikura* (Japan)

Social welfare corporation 'Houmonnoie' Tomo clinic for handicapped, Yokohama, Japan

Commentator: Pediatric Neurology in sparsely populated regions, follow-up of carry overed epileptic patients in urban, and the future national problems

Tateo Sugimoto* (Japan)

Sugimotos Barn Klinik, Hyogo, Japan

5) The role of Pediatricians and Child Neurologists in the community pediatrics and child health

Seigo Korematsu* (Japan)

Division of Educational Support for Regional Pediatrics, Oita University Faculty of Medicine, Oita, Japan

6) A pediatric neurologist's works related to the developmental disorders in the area

Asayo Ishizaki* (Japan)

The Japanese Association on Intellectual and Developmental Disorders: Oji Clinic, Division of Medicine, Tokyo, Japan

Symposium 5: Neuroimmunology, dysmyelinating diseases, infectious diseases and adverse effects of vaccinationChairs: Hiroyuki Nunoi¹, Takashi Ichiyama² (Japan)¹Division of Pediatrics, Department of Reproductive and Developmental Medicine, Faculty of Medicine, University of Miyazaki, Miyazaki, Japan²Department of Pediatrics, Tsudumigaura Handicapped Children's Hospital, Yamaguchi, Japan

1) Guillain-Barré syndrome

Yukihiro Nishimoto* (Japan)

Department of Pediatrics, Wakayama National Hospital, Wakayama, Japan

2) Cytokine profiles of CNS infectious immunological diseases

Takashi Ichiyama* (Japan)

Department of Pediatrics, Tsudumigaura Handicapped Children's Hospital, Yamaguchi, Japan

3) Demyelinating diseases and vaccine adverse events – Post-vaccinal ADEM

Hiroyuki Torisu* (Japan)

Comprehensive Meternity and Perinatal Care Center, Kyushu University Hospital, Kyushu University, Fukuoka, Japan

4) The involvements of antiphospholipid antibodies, their basic pathogenesis and therapeutic strategies in central nervous system autoimmune demyelination disorders

Seigo Korematsu* (Japan)

Division of Educational Support for Regional Pediatrics, Oita University Faculty of Medicine, Oita, Japan

Symposium 6: Therapeutic strategies for muscular dystrophy : F based on the international guidelineChairs: Ikuya Nonaka¹, Masafumi Matsuo² (Japan)¹Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan²Department of Medical Rehabilitation, Kobegakuin University, Kobe, Japan

1) Treatment of muscular dystrophy: Current status and perspectives

Hirofumi Komaki* (Japan)

Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan

2) Rehabilitation for Muscular Dystrophy

Takashi Maeno*, Youko Kobayashi (Japan)

Department of Rehabilitation Medicine, National Center of Neurology and Psychiatry, Tokyo, Japan

3) To disseminate standard cares for muscular dystrophy – Formulation of the Japanese clinical guideline for Duchenne muscular dystrophy

Tsuyoshi Matsumura* (Japan)

Department of Neurology, National Hospital Organization Toneyama National Hospital, Osaka, Japan

4) Management of heart failure in Duchenne muscular dystrophy

Takuhsa Tamura* (Japan)

The Department of Neurology, National Hospital Organization Higashisaitama Hospital, Saitama, Japan

5) Management of patients with muscular dystrophy

Yuka Ishikawa* (Japan)

Department of Pediatrics, National Organization Yakumo Hospital, Hokkaido, Japan

6) Development of molecular therapies for Duchenne muscular dystrophy

Yasuhiro Takeshima* (Japan)

*Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Japan***Symposium 7: Brain functional monitoring of neonates and neurodevelopmental outcome**Chairs: Shinichi Nijima¹, Jun Natsume² (Japan)¹*Department of Pediatrics, Juntendo University Faculty of Medicine Nerima Hospital, Tokyo, Japan*²*Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan*

1) Brain monitoring in perinatal brain injury

Akihisa Okumura* (Japan)

Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan

2) The evaluation of aEEG and long term prognosis in the neonatal brain hypothermia

Masaki Shimizu* (Japan)

Division of Neonatology, Saitama Children's Medical Center, Saitama, Japan

3) General Movements Assessments: The usefulness for brain functional monitoring

Tomoki Maeda* (Japan)

Department of Pediatrics and Child Neurology, Oita University, Oita, Japan

4) EEG Monitoring in the NICU and Neurodevelopmental Outcome in the Preterm Infant

Hiroyuki Kidokoro*, Jun Natsume, Masahiro Hayakawa (Japan)

Department of Pediatrics, Nagoya University Hospital, Nagoya, Japan

5) Neurological monitoring in neonates and their long term prognosis

Gunnar Naulaers* (Belgium)

*The Neonatal Intensive Care Unit, University Hospitals Leuven, Leuven, Belgium***Symposium 8: Recovery from the earthquake in the depopulated area medical – Pediatrics, child mental health care and support for children with developmental disorders**Chairs: Toshisaburo Nagai¹, Shoichi Chida² (Japan)¹*Division of Health Sciences, Osaka University Graduate School of Medicine, Osaka, Japan*²*Department of Pediatrics, Iwate Medical University, Iwate, Japan*

1) Child mentalhealth care system in the tsunami-devastated area of Iwate

Toru Fuchimukai* (Japan)

Iwate Prefectural Ofunato Hospital, Iwate, Japan

2) Present situation of support and tasks of committee for the Great East Japan Earthquake

Toshisaburo Nagai* (Japan)

Course of Health Science, Graduate School of Medicine, Osaka University, Osaka, Japan

3) Subject of a life and medical treatment with severe handicapped-children and persons in a stricken area

Soichiro Tanaka* (Japan)

The Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan

4) Mental health of children in disaster; Psychiatric point of view

Hirobumi Mashiko (Japan)

*Department of Neuropsychiatry, School of Medicine, Fukushima Medical University, Fukushima, Japan***Symposium 9: Evaluation and prevention of central nervous system complications in pediatric long-term survivors**Chairs: Yasushi Ishida¹, Yoshifumi Kawano² (Japan)¹*Department of Pediatrics, Ehime Prefetural Central Hospital, Ehime, Japan*²*Department of Pediatrics, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan*

1) Late effects of childhood cancer survivors: An introduction for the symposium

Yasushi Ishida* (Japan)

Department of Pediatrics, Ehime Prefetural Central Hospital, Ehime, Japan

2) Late effects of childhood cancer survivors in patients with ALL: The basic pathogenesis of CNS complications and their therapeutic strategies

So-ichi Suenobu*, Tomoko Okamoto, Saki Asao, Akiko Kiyota, Kensuke Akiyoshi, Tatsuro Izumi (Japan)

Division of General Pediatrics and Emergency Medicine, Oita University Faculty of Medicine, Oita, Japan / Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

3) Health related quality of life among childhood brain tumor patients

Shuichi Ozono* (Japan)

Department of Pediatrics and Child Health, Kurume University School of Medicine, Fukuoka, Japan

4) Neurological complications associated with hematopoietic stem cell transplantation

Mitsuo Toyoshima* (Japan)

Department of Pediatrics, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan

5) Growth hormone and sex hormone replacement therapy in childhood cancer survivors (CCS)

Susumu Yokoya* (Japan)

*Department of Medical Subspecialties, National Center for Child Health and Development, Tokyo, Japan***Symposium 10: Research for the pathology of intractable childhood epilepsy : molecular genetics, pathology, immunology, metabolic disturbance, neuroimaging and electrophysiology**Chairs: Takao Takahashi¹, Shinichi Hirose² (Japan)¹*Department of Pediatrics, School of Medicine, Keio University, Tokyo, Japan*²*Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan*

1) Neocortical Histogenesis and Intractable Epilepsy

Takao Takahashi* (Japan)

Department of Pediatrics, Keio University School of Medicine, Tokyo, Japan

2) Molecular genetics of intractable epilepsies

Mitsuhiro Kato* (Japan)

Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

3) Role of immunity in the pathophysiology of intractable epilepsy

Yukitoshi Takahashi*, Tokito Yamaguchi (Japan)

The Department of Pediatrics, National Epilepsy Center, Shizuoka, Japan

4) Neuropathology of epilepsy induced by iron depositions

Nobutaka Arai* (Japan)

Brain Pathology Research Center, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan

5) Electrophysiology in intractable childhood epilepsy with special reference to high-frequency EEG activity

Katsuhiro Kobayashi*, Yoshihiro Toda (Japan)

*Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan***Symposium 11: Pathophysiology of developmental disorders: insights from genomic structure and function**Chairs: Shigeo Kure¹, Toshiyuki Yamamoto² (Japan)¹*Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan*²*Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan*

1) Genomic study of developmental disorders: history and current status

Shigeo Kure* (Japan)

Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan

2) Clinical features of MECP2-, CDKL5-, and FOXP1-related disorders

Satoru Takahashi* (Japan)

Department of Pediatrics, Asahikawa Medical University, Asahikawa, Japan

3) Spread of X-chromosome inactivation into chromosome 15 is associated with Prader-Willi syndrome phenotype in a boy with a t(X;15)(p21.1;q11.2) translocation

Satoru Sakazume* (Japan)

The Department of Pediatrics, Dokkyo Medical University, Koshigaya Hospital, Saitama, Japan

4) Genetic analysis for autism and genes relating to synaptic function

Takanori Yamagata*, Ayumi Matsumoto, Koh-ichi Nagata (Japan)

Department of Pediatrics, Jichi Medical University, Tochigi, Japan

5) Genomic rearrangements and disease-sensitive genes for developmental disorders

Toshiyuki Yamamoto* (Japan)

*Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan***Symposium 12: Future view of medical support for developmental disorders**Chairs: Tatsuya Koeda¹, Yushiro Yamashita² (Japan)¹*Department of Regional Education, Tottori University, Tottori, Japan*²*Department of Pediatrics, Kurume University, Kurume, Japan*

1) Future prospects of medical support for children with developmental disorders

Tatsuya Koeda* (Japan)

Department of Regional Education, Faculty of Education, Tottori University, Tottori, Japan / Department of Clinical Research, Tottori Medical Center, Tottori, Japan

2) Toward constructing efficient collaboration between primary care hospitals and referral hospitals

Yushiro Yamashita* (Japan)

Department of Pediatrics & Child Health, Kurume University School of Medicine, Fukuoka, Japan

3) The need of cooperation between medicine and education to support the children with developmental disabilities – The trial of connection among general physicians and teachers in community

Jiro Ono* (Japan)

Department of Special Education, Faculty of Education, Wakayama University, Wakayama, Japan

4) The contribution of medical institutes to social welfare in supporting persons with developmental disorders

Akio Kiyota* (Japan)

Department of Pediatrics, Neuropediatrics and Child psychiatry, University of Oita, Oita, Japan

5) Medical care for the developmental disabilities. How do we cooperate professionals – medical clinic, community medicine, welfare, school?
Kazuhiko Ueno* (Japan)
Organization for the Study of College Admissions, National Center for Entrance Examinations, Tokyo, Japan

Research seminar of tuberulous sclerosis

mTOR inhibition in Tuberous Sclerosis: a possible global treatment for a multisystemic disease
Paolo Curatolo* (Italy)
The Pediatric Neurology Unit, Tor Vergata University Hospital of Rome, Roma, Italy

Research seminar of Fukuyama type congenital muscular dystrophy

Patient fibroblast alpha-dystroglycan glycosylation studies: A versatile tool for developing therapies to treat dystroglycanopathies
Kevin P. Campbell* (USA)
Howard Hughes Medical Institute, Department of Molecular Physiology and Biophysics, University of Iowa, Carver College of Medicine, Iowa City, IA, USA

Theme: Clinical conference of child neurology – You are the Super Child Neurologist

Chair: Toshio Hanai¹, Toyojiro Matsuishi² (Japan)
¹*Fukuoka Welfare Center for The Disabled, Fukuoka, Japan*
²*Department of Pediatrics, Kurume University, Kurume, Japan*

- 1) A 3-year-old Japanese girl exhibiting brain infarction in the territory of middle cerebral artery
Kanako Kudo*, Katsunori Fujii, Atsuko Takagi, Tadashi Shiohama, Hideki Uchikawa, Yoichi Kohno (Japan)
Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan
- 2) A case of the 1 years-old girl who showed sudden consciousness disorder
Tsuyoshi Matsuoka*, Taichi Uehara, Misaki Sugai, Masato Hiyane, Masaharu Ohfu (Japan)
Division of Child Neurology, Okinawa Prefectural Nambu Medical Center and Children's Medical Center, Okinawa, Japan
- 3) A case of 9 year-old boy with fever, vomiting, abnormal behavior, disturbance of consciousness, shock and multiple organ failure
Shinsuke Maruyama*, Mitsuo Toyoshima, Isao Sakai, Yoshifumi Kawano (Japan)
Department of Pediatrics, Kagoshima University, Kagoshima, Japan
- 4) Peculiar face, including hypoplastic nasal alae, hearing disturbance, prenatal onset-progressive failure to thrive and hypotonia in a female onset
Shinichi Uchiyama*, Nanae Sato, Osamu Kobayashi, Misaki Nakajima, Hiroaki Miyahara, Tatsuro Izumi (Japan)
Departments of Pediatrics and Child Neurology, Oita University School of Medicine, Oita, Japan

B&D Seminar: Let's write your paper in English – part 3

Chair: Makiko Kaga* (Japan)
National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan

- 1) Hint for academic use of medical journal articles
Nozomi Nagafusa* (Japan)
Society Journal, Health Sciences Division, Elsevier Japan KK
- 2) Writing English Manuscript in My Own Way
Shinichi Hirose* (Japan)
Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan
- 3) How to improve your article: B&D Session
Chair: Takao Takahashi* (Japan)
Department of Pediatrics, School of Medicine, Keio University, Tokyo, Japan

Public Seminar: The present status and problems of compensation system for birth troubles in Japan

Chairs: Kenji Sugai¹, Atsuo Nezu² (Japan)
¹*Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan*
²*Department of Pediatrics, Yokohama Residential Care and Medical Centre for Developmentally Disabled Person, Yokohama, Japan*

- 1) Update and challenges of The Japan Obstetric Compensation System for Cerebral Palsy, a case study for sharing the eligibility standards and future perspectives of the system under review process
Shigeru Ueda* (Japan)
Japan Council for Quality Health Care, Tokyo, Japan
- 2) Current status, problems and request I judging from the neonatologist making a medical certificate
Kouichi Iida* (Japan)
The Department of Neonatology, Maternal and Perinatal Care Unit, Oita Prefectural Hospital, Oita, Japan
- 3) The present affair, problems and critical opinion from a certificated neonatologist in the community hospital
Naoki Fukushima* (Japan)
Pediatrics, Almeida Memorial Hospital, Oita, Japan
- 4) The perspective from review committee
Akira Oka* (Japan)
The Department of Pediatrics, University of Tokyo, Tokyo, Japan

- 5) The present status and problems of Compensation System for Birath Troubles as seen from the practitioner obstetrician
Shigeaki Iwanaga* (Japan)
Iwanaga Ladies-Clinic, Oita, Beppu, Japan / Oita Association of Obstetricians and Gynecologists, Oita, Japan

Night Seminar 1: What should we do in order to solve the problem of off-label drug use ?

Chairs: Masaharu Hayashi¹, Makiko Osawa² (Japan)

¹*The Mental Development Project, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan*

²*Dept of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan*

- 1) Pharmacotherapy in pediatrics with developmental disorders?

Eiji Nakagawa* (Japan)

Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

- 2) Ministry of Health, Labour and Welfare, Tokyo, Japan

- 3) How to file a public knowledge-based application for off-label drugs

Tatsuya Fujii* (Japan)

Shiga Medical Center for Children, Moriyama, Japan

- 4) Muscular Dystrophy Clinical Trial Network

Reiko Shimizu¹, En Kimura², Katsuhisa Ogata³, Hirofumi Komaki⁴

¹*Translational Medical Center, National Center of Neurology and Psychiatry, Tokyo, Japan*

²*Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan*

³*Department of Neurology, National Hospital Organization Higashisaitama Hospital, Saitama, Japan*

⁴*Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan(*)*

Night Seminar 2: Support issues infantile medical care, such as long-term care insurance act amended

Chair: Tateo Sugimoto* (Japan)

Sugimotos Barn Klinik, Hyogo, Japan

- 1) Problems of support in school for children with severe disability who need daily medical care

Eiji Kitazumi* (Japan)

The National Rehabilitation Center for Disabled Children, Tokyo, Japan

- 2) Regional support in severely handicapped persons with gastrostomy and artificial ventilation

Tateo Sugimoto* (Japan)

Sugimotos Barn Klinik, Hyogo, Japan

Morning Education Seminar 1: Joint researches supported by Japanese Society of Child Neurology (JSCN)

Chairs: Masayuki Sasaki¹, Hideo Sugie² (Japan)

¹*The Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan*

²*Department of Pediatrics, Jichi Medical University School of Medicine, Tochigi, Japan*

- 1) Genetic analyses of patients with porencephaly and related brain hemorrhagic disease

Kazuhiro Haginoya*, Hiroto Saito, Hiroshi Arai, Hitoshi Osaka, Mitsuhiro Kato, Mariko Kodama, Kenji Yokochi (Japan)

Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Miyagi, Japan

- 2) Research on making diagnostic criteria for Perisylvian syndrome based on epidemiologic evidence

Mitsuhiro Kato*, Hideaki Shiraiishi, Jun Tohyama, Kaeko Ogura, Hiroshi Arai, Hiroyuki Torisu, Makiko Kaga (Japan)

Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

- 3) Study on the actual condition and diagnosis and treatment guideline of glucose transporter-1 deficiency syndrome

Hirokazu Oguni* (Japan)

** Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan*

- 4) Genetic research of hemiconvulsion hemiplegia epilepsy syndrome

Sawako Yamazaki*, Jun Tohyama, Astushi Ishii, Shinichi Hirose (Japan)

** Department of Pediatrics, Niigata City General Hospital, Niigata, Japan*

Morning Education Seminar 2: How can we approach to acute encephalopathy in childhood?

Chairs: Hideo Yamanouchi¹, Hideo Sugie² (Japan)

¹*Department of Pediatrics, Saitama Medical University School of Medicine, Saitama, Japan*

²*Department of Pediatrics, Jichi Children's Medical Center Tochigi, Jichi Medical University, Tochigi, Japan*

- 1) Cumulative approach to validate the efficacy of treatments for infection-associated acute encephalopathies

Tomohide Goto* (Japan)

Department of Neurology, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan

- 2) Biomarker of acute encephalopathy in childhood

Hideo Yamanouchi* (Japan)

Department of Pediatrics, Saitama Medical University School of Medicine, Saitama, Japan

3) EEG in patients with acute encephalitis/encephalopathy

Akihisa Okumura* (Japan)

Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan

4) Comprehensive gene analysis of acute encephalopathy

Masashi Mizuguchi*, Sachio Takashima, Shin-Ichi Hirose, Hideo Yamanouchi, Masayuki Itoh, Masashi Shiomi, Masaya Kubota, Jun-ichi Takanashi, Hiroshi Sakuma (Japan)

*Department of Developmental Medical Sciences, the University of Tokyo, Tokyo, Japan***Symposium: Development of nervous system and child mind – Basic course**Chair: Ikuya Nonaka¹, Ryoichi Sakuta² (Japan)¹*Department of Child Neurology, National Center of Neurology and Psychiatry, Japan*²*Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University, Koshigaya Hospital, Saitama, Japan*

1) Psychological approach in the field of child neurology

Ryoichi Sakuta* (Japan)

Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University, Koshigaya Hospital, Saitama, Japan

2) Continuity of neural functions from prenatal to postnatal life

Yukuo Konishi* (Japan)

Department of Psychology, Doshisha University, Kyoto, Japan

3) Developmental test battery for infants using preferential looking method

So Kanazawa* (Japan)

Department of Psychology, Japan Women's University, Kanagawa, Japan

4) Clinical Neuropsychology and neuropsychiatric disorders

Mie Matsui* (Japan)

*Department of Psychology, University of Toyama, Toyama, Japan***JSCN Award for Asia-Oceania Young Investigator**

Clinic-neurologic status of HIV infected children depending on the routes of infection

Mirzaeva Dilnoza Farkhadovna*

*Tashkent Medical Institute of Postgraduate Education, Tashkent, Uzbekistan***The 2013 JSCN International Educational Fellowship**

Electroretinographic (ERG) responses in epileptic children treated with vigabatrin

Mohammad Kazem Bakhshandeh Bali*

*Mofid Pediatrics Educational Hospital, Tehran, Iran***Night Seminar: The child neurologists, their residency programs and the expertise**

Chair: Kousaku Ohno* (Japan)

Department of Child Neurology, Tottori University, Tottori, Japan

1) What is required to be a child neurologist

Takao Takahashi* (Japan)

Department of Pediatrics, Keio University School of Medicine, Tokyo, Japan

2) Professional training for child neurologists in Japan

Masayuki Sasaki* (Japan)

The Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan

3) The residency program for Pediatrics and Child Neurology, and its contributions for community medicine and academic research, in the Departments of Pediatrics and Child Neurology, Oita University School of Medicine

Tatsuro Izumi* (Japan)

Departments of Pediatrics and Child Neurology, Oita University School of Medicine, Oita, Japan

4) Pediatric Neurologists in Japanese Medical Specialty Board System

Mariko Momoi* (Japan)

*Department of Pediatrics, Jichi Medical University, Tochigi, Japan***Practical Education Seminar I: Annual seminar on interpretation of neonatal EEG**Chairs: Akihisa Okumura¹, Jun Natsume² (Japan)¹*Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan*²*Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan*

1) Conventional and amplitude-integrated EEG in fullterm infants

Tetsuo Kubota* (Japan)

Department of Pediatrics, Anjo Kosei Hospital, Aichi, Japan

2) Conventional and amplitude-integrated EEG in preterm infants

Akihisa Okumura* (Japan)

Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan

- 3) Electroencephalography and amplitude-integrated Electroencephalography in neonatal seizures
Hiroyuki Kidokoro* (Japan)
Department of Pediatrics, Nagoya University Hospital, Nagoya, Japan

Practical Education Seminar II: Special seminar in neuroimaging for pediatrician 2013

Chairs: Jun-ichi Takanashi¹, Hiroshi Ohba² (Japan)

¹*Department of Pediatrics, Kameda Medical Center, Chiba, Japan*

²*Department of Radiology, Teikyo University Hospital, Tokyo, Japan*

- 1) Brain Anatomy on MRI
Mika Kitajima* (Japan)
Department of Diagnostic Radiology, Kumamoto University, Kumamoto, Japan
- 2) Imaging diagnosis of the diseases with basal ganglia and diencephalon lesions
Hiroshi Oba* (Japan)
Department of Radiology, Teikyo University Hospital, Tokyo, Japan
- 3) Diagnostic imaging of brainstem and cerebellum
Harushi Mori* (Japan)
Department of Radiology, Graduate School and Faculty of Medicine, The University of Tokyo, Tokyo, Japan
- 4) Nuclear Medicine in pediatric neurology
Hiroshi Matsuda* (Japan)
Integrative Brain Imaging Center, National Center of Neurology and Psychiatry, Tokyo, Japan
- 5) Topics on Pediatric Neuroimaging in 2013
Jun-ichi Takanashi* (Japan)
Department of Pediatrics, Kameda Medical Center, Kamogawa, Japan

Special seminar of therapeutic strategies for neurogenetic diseases

Chair: Kunihiko Suzuki* (USA)

Neuroscience Center, Professor Emeritus, Departments of Neurology and Psychiatry, University of North Carolina School of Medicine, Chapel Hill, NC, USA

- 1) Structure and function of NPC1/NPC2
Haruaki Ninomiya* (Japan)
Department of Biological Regulations, Tottori University Faculty of Medicine, Tottori, Japan
- 2) Diagnosis and treatment for Niemann-Pick disease type C
Norio Sakai* (Japan)
Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan
- 3) Suspicion Index tool for Niemann-Pick disease type C
Masami Togawa*, Kousaku Ohno (Japan)
Division of Child Neurology Faculty of Medicine, Tottori University, Tottori, Japan

Luncheon Seminar 1

Current topics of epilepsy treatment -from the viewpoint of patient's QOL
Hidemoto Kubota* (Japan)
Shizuoka Institute Of Epilepsy and Neurological Disorders, Shizuoka, Japan

Luncheon Seminar 2

Topics of intractable epilepsy in childhood
Hirokazu Oguni* (Japan)
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Tokyo, Japan

Luncheon Seminar 3

The Importance of proper Anti-epileptic drug regimen management
Masayuki Shimono* (Japan)
Department of Pediatrics, School of Medicine, University of Occupational and Environmental Health, Fukuoka, Japan

Luncheon Seminar 4

Current innovation in anti-epileptic medication for children by newly-marketed drugs
Hideaki Shiraishi* (Japan)
Department of Pediatrics, Hokkaido University Hospital, Hokkaido, Japan

Luncheon Seminar 5

The Biology of ADHD
Hideki Negoro* (Japan)
Nara University of Education, Nara, Japan

Luncheon Seminar 6

Efficacy of medication for ADHD: Assessment by actigraph and NIRS

Akiko Araki* (Japan)

*Department of Pediatrics Asahikawa Medical University & Medical Research Center for Children's Development, Hokkaido, Japan***Luncheon Seminar 7**

Molecular Pathophysiology and Targeted Therapy of Tuberous Sclerosis Complex

David Neal Franz* (USA)

*Cincinnati Children's Hospital Medical Center, Ohio, USA***Luncheon Seminar 8**

Practice of medical treatment for childhood epilepsy. The role of video-EEG monitoring

Jun Tohyama*

*Department of Child Neurology, Nishi-Niigata Chuo National Hospital, Niigata, Japan / Niigata University Medical and Dental Hospital, Niigata, Japan***Luncheon Seminar 9**

Endocrine and metabolic complications associated with pediatric neurological disorders

Tohru Yorifuji* (Japan)

*Pediatric Endocrinology and Metabolism, Children's Medical Center, Osaka City General Hospital, Osaka, Japan***Luncheon Seminar 10**

Choice of antiepileptic drugs for intractable partial epilepsies based on seizure symptoms and mechanism of action

Kenji Sugai* (Japan)

*Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan***Luncheon Seminar 11**

The present condition of the severely disabled institution, and micronutrients deficiency of inpatients

Akihiko Kimura* (Japan)

*Kumamoto-Ashikita Medical Center for The Severely Disabled, Ashikita-gun, Kumamoto, Japan***Luncheon Seminar 12**

Essential Points to Diagnose Treatable Lysosomal Storage Diseases in Clinical Practice

Chair: Hiroyuki Ida* (Japan)

*Department of Pediatrics, Tokyo Jikei University School of Medicine, Tokyo, Japan***Luncheon Seminar 13**

Role of ITB therapy for treatment of childhood spasticity in Japan: Results of post-marketing surveillance studies

Nobuhito Morota* (Japan)

*Division of Neurosurgery, National Medical Center for Children and Mothers, National Center for Child Health and Development, Tokyo, Japan***Evening Seminar 1**

Clinical manifestation of Dravet syndrome - consecutive clinical course of mild and typical cases and treatment with new antiepileptic drugs

Masako Sakauchi*

*Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan***Evening Seminar 2**

Management of hyperammonemia in children

Kei Murayama* (Japan)

*Department of Metabolism, Chiba Children's Hospital, Chiba, Japan***Public Forum: The policy of Oita Prefecture as "The best satisfaction of parenting in Japan" – Contributions of pediatricians and their evaluation for further development of pediatric care and satisfaction of citizens**

Chair: Shigetoshi Anan* (Japan)

Anan Pediatric Clinic, Oita, Japan

1) The medical practice, education and academic research in the Department of Pediatrics and Child Neurology, Oita University School of Medicine: Our activity and contributions

Tatsuro Izumi* (Japan)

Departments of Pediatrics and Child Neurology, Oita University School of Medicine, Oita, Japan

2) A new trial of the community pediatrics, preventive medicine and their education/residency system for the medical students and residents, assisted with the support and encouraging grant-in-aid project from Oita Prefecture

Seigo Korematsu* (Japan)

Division of Educational Support for Resional Pediatrics, Oita Univertisy Faculty of Medicine, Oita, Japan

3) Pediatric overtime, emergency, and disaster medicine in the depopulated rural district, as an essential infrastructure

So-ichi Suenobu (Japan)

Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan / Division of General Pediatrics and Emergency Medicine, Department of Pediatrics, Oita University Faculty of Medicine, Oita, Japan

4) Present situation of child mental health in Oita; the significance and problems of the medical checkup of five-year-children and cooperation between medical care and education

Akio Kiyota* (Japan)

Department of Pediatrics, Neuropediatrics and Child psychiatry, University of Oita, Oita, Japan

5) Wishing for children's development, growth and welfare every day, any hour

Tamotsu Fujimoto* (Japan)

Oita Children's Hospital, Oita, Japan

6) The policy of Oita Prefecture "The best satisfaction of parenting in Japan"

Oita Prefectural Office, Oita, Japan

The 5th Annual Meeting of Japanese Society for Pediatric immune-mediated brain diseases

Chairs: Toshiro Hara¹, Akira Oka² (Japan)

¹*Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*

²*The Department of Pediatrics, Kyorin University, Tokyo, Japan*

English Session 1

E-001 Usefulness of SWI for evaluation of subtle intracranial hemorrhage in infancy

Hiroko Kakei*, Masakazu Honda, Tetsuya Kunikata, Toru Miyaji, Hideo Yamanouchi (Japan)

Department of Neonatology, Saitama Medical University Hospital, Saitama, Japan

E-002 The characteristics of general movements in extremely preterm infants until 30 weeks gestation

Tomoki Maeda*, Kazuhito Sekiguchi, Mutsumi Akaishi, Kouichi Iida, Tatsuro Izumi (Japan)

Department of Pediatrics and Child Neurology, Oita University, Oita, Japan

E-003 Functional alpha1-adrenergic receptor accounts for the cause of AD/HD in LC neurons in a model rat

Sachiyo Igata*, Masaru Ishimatsu (Japan)

Department of Medical Technology, Faculty of Health Science, Kyushu University, Fukuoka, Japan / Department of Physiology, School of Medicine, Kurume University, Kurume, Japan

E-004 MPH-induced fNIRS monitoring to explore attention-related cortical hemodynamics in ADHD children

Masako Nagashima*, Yukifumi Monden, Ipeita Dan, Tutomu Mizutani, Yuji Gunji, Takanori Yamagata, Eiju Watanabe, Mariko Momoi .Y (Japan)

Department of Pediatrics, Jichi Medical University, Tochigi, Japan / Department of Pediatrics, International University of Health and Welfare Hospital, Tochigi, Japan

E-005 A 3.1 Mb deletion at 2q22.1-q22.3 including NXP2 gene in a boy with intellectual disability

Yoshihara Naoko*, Kenji Kurosawa, Ikuko Oohashi, Yukiko Kuroda, Takahito Wada, Rie Anzai, Kyouko Takano, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)

Division of Medical Genetics, Kanagawa Children's Medical Center, Yokohama, Japan / Division of Pediatric Neurology, Kanagawa Children's Medical Center, Yokohama, Japan

English Session 2

E-006 Comparison of brain activation at right fronto-parietal cortex between naïve and medicated ADHD

Yukifumi Monden*, Ipeita Dan, Masako Nagashima, Tsutomu Mizutani, Takanori Yamagata, Eiju Watanabe, Mariko Momoi (Japan)

The Department of Pediatrics, University of Jichi, Tochigi, Japan

E-007 FGD-PET at 10 months predicts developmental status during adolescence in cryptogenic West syndrome

Jun Natsume*, Norihide Maeda, Kazuya Itomi, Akihisa Okumura, Tetsuo Kubota, Kiyokuni Miura, Kosaburo Aso, Tateki Morikawa, Tamiko Negoro, Kazuyoshi Watanabe (Japan)

Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan

E-008 Does diffusion tensor imaging abnormality reflect delayed myelination in cryptogenic West syndrome?

Chihiro Hatano*, Jun Natsume, Tatsuya Fukasawa, Hiroyuki Yamamoto, Chikako Ogawa, Naoko Ishihara, Hiroyuki Kidokoro, Tomoya Takeuchi, Yoshiteru Azuma, Naoki Ando, Tetsuo Kubota, Kiyokuni Miura, Tamiko Negoro, Kazuyoshi Watanabe (Japan)

Department of Pediatrics, Nagoya University, Nagoya, Japan

E-009 Clinical spectrum of SCN2A mutations expanding to Ohtahara syndrome

Kazuyuki Nakamura*, Mitsuhiro Kato, Hitoshi Osaka, Sumimasa Yamashita, Eiji Nakagawa, Kazuhiro Haginoya, Jun Tohyama, Mitsuko Okuda, Takahito Wada, Shuichi Shimakawa, Katsumi Imai, Saoko Takeshita, Masaharu Ohfu, Kiyoshi Hayasaka, Hirotomo Saito (Japan)

Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan / Department of Human Genetics, Yokohama City University Graduate School of Medicine, Yokohama, Japan

E-010 Early diagnosis and EEG findings of childhood-onset Juvenile myoclonic epilepsy (JME)

Sawa Yasumoto*, Takako Fujita, Yukiko Ihara, Yuko Tomonoh, Noriko Nakamura, Hiroshi Ideguchi, Takahito Inoue, Shinichi Hirose (Japan)

Department of Pediatrics, Faculty of Medicine, Fukuoka University, Fukuoka, Japan

English Session 3

- E-011 Increased oligodendroglial like cells correlating with intractable pediatric epilepsy
Satoru Sakuma*, Tohru Okanishi, Kazuo Okanari, Ayako Ochi, Hiroshi Otsubo (Canada)
Division of Neurology, The Hospital for Sick Children, Toronto, ON, Canada
- E-012 Seizure symptoms and effective anticonvulsants for intractable and non-intractable partial seizures
Kenji Sugai*, Eiji Nakagawa, Yoshiaki Saito, Takashi Saito, Akihiko Ishiyama, Hirofumi Komaki, Masayuki Sasaki (Japan)
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- E-013 Resection of cortex with fast ripples for patients with wide epileptic network in tuberous sclerosis
Tohru Okanishi*, Tomoyuki Akiyama, Ayako Ochi, Hiroshi Otsubo (Canada)
Division of Neurology, The Hospital for Sick Children, Toronto, ON, Canada
- E-014 The function of Tuberous Sclerosis 1 in the formation of actin cytoskeleton and cell polarity
Maki Ohsawa*, Masashi Mizuguchi, Okio Hino (Japan)
Department of Developmental Medical Sciences, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan / Department of Pediatrics, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan / Department of Pathology and Oncology, Juntendo University School of Medicine, Tokyo, Japan
- E-015 Clinical profiles in epilepsy children with postictal generalized EEG suppression (PGES)
Kazuo Okanari*, Ayako Ochi, Tohru Okanishi, Satoru Sakuma, Hiroshi Otsubo (Canada)
Division of Neurology, The Hospital for Sick Children, Toronto, ON, Canada

English Session 4

- E-016 Unique magnetoencephalography interictal spikes and seizure onset: known and unknown advantages
Yosuke Kakisaka*, Shigeo Kure (Japan)
Epileptology, Tohoku University / Pediatrics, Tohoku University, Miyagi, Japan
- E-017 Apparent diffusion coefficient values predict outcomes of abusive head trauma
Koji Tanoue*, Kiyoshi Matsui (Japan)
General medicine, Kanagawa Childrens Medical Center, Yokohama, Japan
- E-018 Whole-exome sequencing identifies FLNB variant in a unique brain malformation
Akihisa Okumura*, Masaharu Hayashi, Keiko Shimojima, Mitsuru Ikeno, Shinpei Abe, Jun-ichi Takanashi, Nobuhiko Okamoto, Toshiaki Shimizu, Toshiyuki Yamamoto (Japan)
Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan
- E-019 DYNC1H1 mutations cause dominant spinal muscular atrophy, CMT2 and intellectual disability
Shinji Saitoh*, Hiroto Saito, Akira Sudo, Naoko Asahina, Hideaki Shiraiishi, Jun-ichi Ito, Hajime Tanaka, Naomichi Matsumoto (Japan)
Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan
- E-020 Phenotype of Patients with a Common c.649_650C PRRT2 Mutation
Ayuko Igarashi*, Akihisa Okumura, Shino Shimada, Keiko Shimojima, Shinpei Abe, Mitsuru Ikeno, Toshiaki Shimizu, Toshiyuki Yamamoto (Japan)
Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan

English Session 5

- E-021 A 3-year-old boy with GLUT1 deficiency syndrome presenting with episodic ataxia
Akiko Ohshiro*, Rie Anzai, Mariko Takagi, Mitsuko Okuda, Kyoko Takano, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)
Division of Pediatric Neurology, Kanagawa Childrens Medical Center, Yokohama, Japan
- E-022 An atypical case of Alexander disease preceded by central precocious puberty
Moe Tamaura*, Kyoko Takano, Mariko Takagi, Rie Anzai, Mitsuko Okuda, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)
Division of Neurology, Kanagawa Children's Medical Center, Yokohama, Japan
- E-023 A rapid screening for the genetic diagnosis of Leigh syndrome
Hitoshi Osaka*, Mariko Takagi, Mitsuko Okuda, Rie Anzai, Kyoko Takano, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Kei Murayama, Akira Ohtake (Japan)
Division of Neurology, Kanagawa Childrens Medical Center, Yokohama, Japan
- E-024 Whole Exome Sequencing Analysis on hereditary muscle disease with tubular aggregates
Yukari Endo*, Kazushi Motomura, Yukiko Hayashi, Hirofumi Komaki, Ikuya Nonaka, Ichizo Nishino (Japan)
Department of Clinical Development, Translational Medical Center, National Center of Neurology and Psychiatry / Department of Neuromuscular Research, National Institute of Neuroscience, NCNP, Tokyo, Japan
- E-025 Molecular function of BTBD9, genetic association with Restless Legs Syndrome, in dopaminergic neuron
Kazuhiro Muramatsu*, Noriko Sawaura, Tomomi Ogata, Keiko Kamayachi, Yoko Urano, Kyoko Hazama, Hirokazu Arakawa (Japan)
Department of Pediatrics, Gunma University Graduate School of Medicine, Gunma, Japan / Department of Neurology, University Hospital, Philipps University Marburg, Marburg, Germany

Oral Presentation: Psychiatric disorder, behavioral disorder

- O-001 A case of Kleine-Levin syndrome without compulsive eating (KLS WOCE)
Madoka Kajimoto*, Takashi Kanbayashi, Hirohumi Inoue, Takeshi Matsushige, Hiroshi Momonaka (Japan)
The Department of Pediatrics, Yamaguchi University of Medicine, Yamaguchi, Japan
- O-002 Precritical clinical features of childhood-onset schizophrenia
Keitaro Sueda*, Toru Yamazaki (Japan)
Shizuoka Child's Hospital / Shizuoka Medical Welfare Center, Shizuoka, Japan
- O-003 Eating Disorder of Children "Great Ormond Street Criteria of The Prepubertal onset group"
Atsuko Ayabe*, Ryoko Otani, Rie Kanaya, Toshiro Nagai, Ryoichi Sakuta (Japan)
The Pediatrics, Dokkyo Medical University Koshigaya Hospital, Saitama, Japan
- O-004 The Efficacy of Lamotrigine about Behavior Problems for Patients with Severe Mental Retardation
Junichi Furusho*, Tetsuji Kubagawa (Japan)
College of Education, Psychology and Human Studies, Department of Education, Aoyamagakuin University, Tokyo, Japan
- O-005 The epidemiologic survey of the anorexia nervosa of schoolstudents in Kumamoto
Hiroyo Mabe*, Mari Suzuki, Reiko Horikawa, Yoshihiro Ogawa (Japan)
Child Development, University of Kumamoto, Kumamoto, Japan

Oral Presentation: Metabolic, degenerative disorder 1

- O-006 CSF concentrations and CSF/plasma ratios of amino acids: reference data for Japanese children
Tomoyuki Akiyama*, Katsuhiko Kobayashi, Harumi Yoshinaga (Japan)
Department of Child Neurology, Okayama University Hospital, Okayama, Japan
- O-007 A case of Static Encephalopathy of childhood with Neurodegeneration in Adulthood
Takao Morimune*, Seichirou Yoshioka, Hukiko Ryuuzin, Noriko Nisikura, Tomoyuki Takano, Yoshihiro Takeuchi, Takashi Shiihara, Rima Andou (Japan)
Department of Pediatrics, Pediatric, Shiga University of Medical Science, Shiga, Japan
- O-008 Aspects of establishment molecular biological diagnosis and follow-up system of Cockayne Syndrome
Toshino Motojima*, Taku Omata, Katsuo Sugita, Katsunori Fujii (Japan)
The Department of Child Neurology, Chiba Children Hospital, Chiba, Japan / Department of pediatrics, Motojima General Hospital, Gunma, Japan
- O-009 Sensitivity to oxidative DNA damage and repair capacity in Cockayne syndrome patient-derived cells
Kazuko Kita*, Katsuo Sugita (Japan)
Department of Environmental Biochemistry, Graduate School of Medicine, Chiba University, Chiba, Japan
- O-010 A cases of Pelizaeus-Merzbacher disease with a mild phenotype of mutations of the initiation codon
Ayako Yamamoto*, Rie Anzai, Mariko Takagi, Mitsuko Okuda, Kyoko Takano, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka (Japan)
Division of Pediatric Neurology, Kanagawa Children's Medical Center, Kanagawa, Japan
- O-011 Molecular mechanism of Pelizaeus-Merzbacher disease and Charcot-Marie-Tooth disease
Yurika Numata*, Shigeo Kure, Yuichi Goto, Ken Inoue (Japan)
Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan / Department of Mental Retardation and Birth Defect Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP), Tokyo, Japan

Oral Presentation: Acute encephalitis / encephalopathy 1

- O-012 Examination of AESD concerning with prediction of prognosis
Hiroko Tada*, Jun-ichi Takanshi, Takanori Yamagata, Hideo Okuno, Masaya Kubota, Tsuyoshi Kawano, Takashi Shiihara, Shinichirou Hamano, Shinichi Hirose, Masashi Mizuguchi (Japan)
Chibaken Saiseikai Hospital, Division of Pediatrics, Chiba, Japan
- O-013 Serum and cerebrospinal biomarkers in children with acute neurological disorders
Takashi Shiihara*, Mio Watanabe, Susumu Sugihara (Japan)
Department of Neurology, Gunma Children's Medical Center, Gunma, Japan
- O-014 An analysis of cytokine profile in 12 children with acute virus-associated encephalopathy
Hiroshi Matsumoto*, Kiyotaka Zaha, Yasuko Nakamura (Japan)
The Department of Pediatrics, National Defense Medical College, Tokorozawa, Japan
- O-015 A study on differentiation of acute encephalitis/encephalopathy by measurement of Neopterin
Asako Horino*, Masashi Siomi, Hitomi Tsuji, Megumi Nukui, Takeshi Inoue, Ichiro Kuki, Shin Okazaki, Hisashi Kawawaki, Kiyotaka Tomiwa, Junichi Ishikawa, Kiyoko Amo, Masao Togawa (Japan)
Department of Pediatric Neurology, Pediatric Medical Center, Osaka City General Hospital, Osaka, Japan
- O-016 Analysis of cytokine genes polymorphism in acute encephalopathy with status epilepticus
Makiko Saitoh*, Ai Hoshino, Masaya Kubota, Kenjiro Kikuchi, Gaku Yamanaka, Shinichi Hirose, Masashi Mizuguchi (Japan)
Department of Developmental Medical Science, The University of Tokyo, Tokyo, Japan

Oral Presentation: Epilepsy, seizure 1

- O-017 An epidemiological study on childhood epilepsy and its care
Yoshiyuki Hanaoka*, Takashi Shibata, Makio Oka, Tomoyuki Akiyama, Katsuhiko Kobayashi, Harumi Yoshinaga (Japan)
Department of Neurology Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan

O-018 Clinical study of epilepsy onset with status convulsive in children

Hisashi Kawawaki*, Shin Okazaki, Ichirou Kuki, Takeshi Inoue, Megumi Nukui, Asako Horino, Nozomi Tuji, Kiyotaka Tomiwa, Masashi Shiomi (Japan)

Division of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan

O-019 Depression and anxiety in children with epilepsy

Mitsuru Kashiwagi*, Takuya Tanabe, Syuuichi Shimakawa, Chidu Ooba, Shinya Murata, Syouhei Nomura, Miho Fukui, Sousuke Yoshikawa, Ryouhei Miyamoto, Kouji Azumakawa, Eiji Wakamiya, Syuuichi Oozono, Hiroshi Tamai (Japan)

Department of Pediatrics, Hirakata City Hospital, Osaka, Japan

O-020 Cognitive outcome of epileptic patients with focal cortical dysplasia

Nobusuke Kimura*, Yukitoshi Takahashi, Hideo Shigematsu, Katsumi Imai, Hiroko Ikeda, Hideyuki Ootani, Rumiko Takayama, Koichi Baba, Kazumi Matsuda, Takayasu Tottori, Naotaka Usui, Yushi Inoue (Japan)

Red Cross Hospital, Otsu, Japan / National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

O-021 The basic pathogenesis of seizures in 3 patients with thrombotic disorder during neonate and infancy

Kyoko Kiyota*, Kazuo Okanari, So-Ichi Suenobu, Tatsuro Izumi (Japan)

Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

O-022 The cases of hemimegalencephaly that pharmacotherapy is effective

Rumiko Takayama*, Katsumi Imai, Kaito Yamaguchi, Mamiko Hotate, Yuki Ueda, Hirosato Nasu, Hideyuki Ohtani, Hiroko Ikeda, H Shigema, Y Takahashi, Yushi Inoue (Japan)

National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorder, Shizuoka, Japan

Oral Presentation: Epilepsy, seizure 2

O-023 Early clinical features and efficacy of antiepileptics in PCDH19-related epilepsy

Norimichi Higurashi*, Shinichi Hirose (Japan)

Department of Pediatrics, Fukuoka University School of Medicine, Fukuoka, Japan / Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan

O-024 Differential diagnosis and its therapeutic strategies for patients with JME and/or NMS

Masahiro Takeguchi*, Kazuo Okanari, Tatsuya Kawano, Keisuke Sato, Seigo Korematsu, Tatsuro Izumi (Japan)

Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

O-025 Questionnaire survey for vaccination to febrile seizure, epilepsy and severely handicapped children

Takuya Tanabe*, Yuko Imakita, Kazuyo Nishijima (Japan)

Department of Pediatric Neurology, Tanabe-Kadobayashi Children's Clinic, Osaka, Japan / Osaka Pediatric Association, Japan

O-026 Discrimination of the patients with Epileptic seizures and/or Psychogenic Non-Epileptic Seizures

Yuri Narita*, Shin-Ichiro Hamano, Mai Kuroda, Motoyuki Minamitani, Manabu Tanaka, Kenjiro Kikuchi (Japan)

Division of Psychology, Center for Child Health and Development, Saitama Children's Medical Center

O-027 The characteristics of epileptic seizures in children with perinatal PHP or PHH

Motomasa Suzuki*, Atsuko Ohno, Kazuya Itomi, Naoko Kurahashi, Ayako Umemura, Keitaro Yamada, Hirokazu Kurahashi, Koichi Maruyama, Masato Nagasaka (Japan)

Department of Pediatric Neurology, Aichi Children's Health and Medical Center, Obu, Japan

O-028 Malignant Migrating Partial Seizures in Infancy with Ipsiversive Seizures

Shoichi Endo*, Yumi Fujihara, Sigehiro Nagai, Suzuka Matuoka, Tomoko Kirino (Japan)

The Department of Neurology, Kagawa National, Children's Hospital, Zentuji, Kagawa, Japan

Oral Presentation: Epilepsy, seizure 3

O-029 Ictal bradycardia and central apnea in a ten-year-old girl with focal cortical dysplasia

Tomokazu Kimizu*, Sadami Kimura, Tae Ikeda, Yukiko Mogami, Keiko Yanagihara, Yasuhiro Suzuki (Japan)

Pediatric Neurology, Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan

O-030 A case of Benign myoclonus of early infancy with the cortical tuber in the brain

Katsuhiko Yamaguchi*, Masaru Tatsuno, Kazuo Itahashi (Japan)

The Pediatrics of Machida Municipal Hospital, Tokyo, Japan / Department of Pediatrics Showa University of Medicine, Japan

O-031 Self-induced epileptic spasms in a 5-year-old boy with MCT8 gene deficiency

Tae Ikeda*, Tomokazu Kimizu, Sadami Kimura, Yukiko Mogami, Keiko Yanagihara, Yasuhiro Suzuki (Japan)

Osaka Medical Center And Research Institute For Maternal And Child Health, Osaka, Japan

O-032 Sibling cases with migrating partial seizures in infancy

Shota Yuasa*, Kenji Sugai, Akihiko Ishiyama, Takashi Saitou, Yoshiaki Saitou, Hirohumi Komaki, Eiji Nakagawa, Masayuki Sasaki, Hiroshi Matumoto (Japan)

Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

O-033 Two cases of 5p deletion syndrome, suffering from epileptic spasms induced by eating, or micturition

Kentarou Shirai*, Atushi Yokoyama, Youko Nishimura, Akiko Tamasaki, Yoshihiro Maegaki, Kousaku Ohno (Japan)

Division of Child Neurology, Institute of Neurological Science, Faculty of Medicine, Tottori University, Yonago, Japan

O-034 A boy with benign myoclonus of early infancy

Masahiro Ito*, Hisamitsu Tamaki, Hisako Ishiwata (Japan)

The Department of Pediatrics, Tokyo Metropolitan Bokuto Hospital, Tokyo, Japan

Oral Presentation: Epilepsy, seizure 4

O-035 The last prolonged seizure in Dravet syndrome

Tokito Yamaguchi*, Yukitoshi Takahashi, Mamiko Hotate, Yuuki Ueda, Hirosato Nasu, Rumiko Takayama, Hideyuki Ootani, Hiroko Ikeda, Katsumi Imai, Hideo Shigematsu, Yusi Inoue (Japan)

National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorder, Shizuoka, Japan

O-036 Long-term efficacy of Stiripentol in 19 patients with Dravet syndrome

Hirosato Nasu*, Yukitoshi Takahashi, Yuhki Ueda, Mamiko Hotate, Tokito Yamaguchi, Rumiko Takayama, Hideyuki Ohtani, Hiroko Ikeda, Hideo Shigematsu, Katsumi Imai, Yushi Inoue (Japan)

National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

O-037 Efficacy by removal of Carbamazepine and Lamotrigine in severe myoclonic epilepsy in infancy

Mamiko Hotate*, Yukitoshi Takahashi, Yuuki Ueda, Hirosato Nasu, Tokito Yamaguchi, Rumiko Takayama, Hideyuki Ootani, Hiroko Ikeda, Katsumi Imai, Hideo Shigematsu (Japan)

Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

O-038 Intracranial EEG recording and functional mapping for pediatric intractable focal epilepsy

Kentaro Tamura*, Takafumi Sakakibara (Japan)

The Department of Neurosurgery, Nara Medical University, Kashihara, Japan

O-039 New analyzing methods (gradient magnetic-field topography; GMFT) of MEG for BECTS

Hiroshi Shirozu*, Jun Toyama, Noriyuki Akasaka, Tsukasa Ohashi, Takeshi Ono, Hiroatsu Murakami, Yosuke Ito, Hiroshi Masuda, Shigeki Kameyama (Japan)

*Department of Functional Neurosurgery, Nishi-Niigata Chuo National Hospital, Niigata, Japan***Oral Presentation: Cerebral palsy 1 conductive education 1**

O-040 Plasma substance P concentration in adult severely disabled patients

Hiroaki Ono* (Japan)

The Department of Pediatrics, Hiroshima Prefectural Hospital, Hiroshima, Japan

O-041 Chronological Change of osteo sono-assessment index in physically handicapped school children

Seiji Watanabe*, Yoshinori Okumura, Hideo Aiba (Japan)

The Department of Pediatric Neurology, Shizuoka Children's Hospital, Shizuoka, Japan

O-042 High prevalence of early repolarization in patients with severe motor and intellectual disabilities

Tatsuya Kawano*, Miki Shimizu, Koji Sonoda, Masahiro Takeguchi, Tatsuro Izumi (Japan)

Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

O-043 Study of proximal convoluted tubular dysfunction in fanconi syndrome caused by valproic acid

Sawako Yamazaki*, Kanjyu Ikeno, Hajime Yamazaki, Hideto Yoshikawa (Japan)

Department of Pediatrics, Niigata City General Hospital, Niigata, Japan

O-044 MR imaging and long-term outcomes in pediatric hypoxic ischemic encephalopathy

Yukihiro Kitai*, Satori Hirai, Hiroshi Arai (Japan)

The Department of Child Neurology, Morinomiya Hospital, Osaka, Japan

O-045 clinical profile of children with border-zone infarction

Satori Hirai*, Yukihiro Kitai, Hiroshi Arai (Japan)

*The Department of Child Neurology, Morinomiya Hospital, Osaka, Japan***Oral Presentation: Cerebral palsy 1 conductive education 2**

O-046 Incidence of Cerebral Palsy in Himeji City in 1983–2007

Keiko Koterazawa*, Yuka Okada, Hiroyoshi Miyata (Japan)

Himeji City Center for the Handicapped, Himeji, Hyogo, Japan

O-047 Epilepsy and cerebral palsy

Kyoko Hirasawa*, Akiko Takeshita, Youko Yoshikawa, Hirokazu Oguni, Makiko Osawa (Japan)

The Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

O-048 Intrathecal Baclofen therapy for pediatric spasticity: 5-year-experience in Japan

Nobuhito Morota*, Masaya Kubota, Akinobu Nemoto, Yoichi Katayama (Japan)

Division of Neurosurgery, National Medical Center for Children and Mothers, National Center for Child Health and Development, Tokyo, Japan

O-049 Efficacy of intravenous alendronate on osteoporosis in severe motor intellectual disabilities

Yoshimi Kaga*, Yuuko Kamiya, Kaoru Fujioka, Kousuke Nakamura, Sonoko Mizorogi, Hideaki Kanemura, Kanji Sugita, Masao Aihara (Japan)

Department of Pediatrics, NHO Kofu National Hospital, Yamanashi, Japan / Department of Pediatrics, Faculty of Medicine, Yamanashi University, Yamanashi, Japan

O-050 A clinical and etiological study of 142 cerebral palsied children with spastic diplegia

Masamichi Ariga*, Yukikatsu Ochiai, Masayuki Imai, Mika Hayakawa, Sakiko Oshima, Erina Ono, Mika Iwamura, Hiroyuki Ida (Japan)

Tokyo Metropolitan Kita Medical and Rehabilitation Center for the Disabled, Tokyo, Japan/Tokyo Jikei University School of Medicine, Department of Pediatrics, Tokyo, Japan

O-051 Study of Upper gastrointestinal tract bleeding in severely handicapped patients

Yuji Mizuno*, Momoko Sasazuki, Miyuki Aibe (Japan)

Department of Pediatrics, Hukuoka-Higashi Medical Center, Fukuoka, Japan

Oral Presentation: Cerebral palsy/conductive education 3

O-052 Effectiveness of botulinum toxin A for rehabilitation in children with acquired brain damages

Nobuaki Iwasaki*, Jyunko Nakayama, Hideyo Kinugasa, Kenji Shin, Tomohiro Nakayama, Keiko Miura, Hisato Suzuki (Japan)
Department of Pediatrics, Ibaraki Prefectural University of Health Science, Inashiki, Ibaraki, Japan

O-053 Combination of electrotherapy and botulinum toxin therapy improve clinical gait pattern

Ohnishi Shingo*, Masao Adachi (Japan)
Department of Rehabilitation, Kakogawa West-City Hospital, Hyogo, Japan

O-054 Long-term outcome of botulinum toxin treatment in children with cerebral palsy

Atsuo Nezu*, Haruhiko Aoyama, Kumiko Karasawa, Yuri Chikumar, Kaori Kaneko, Makiko Kurosawa, Yuka Masuda (Japan)
Clinic for Neuroepidemiology, Yokohama Residential Care and Medical Centre for Developmentally Disabled Person, Kanagawa, Japan

O-055 The use of laryngotracheal separation for intractable aspiration

Mio Watanabe*, Susumu Sugihara, Takashi Shiihara, Yumiko Usuda (Japan)
Department of Neurology, Gunma Children's Medical Center, Gunma, Japan

O-056 Adverse effects of intrapulmonary percussive ventilation

Masaki Miura*, Ryuji Kageyama, Sawako Yamazaki, Keiko Shikura, Hideto Yoshikawa, Tooru Konishi (Japan)
Department of Pediatric Neurology, Nagaoka Rehabilitation and Medical Center for Severely Handicapped Children, Nagaoka, Japan

O-057 Treatment of pneumonia without antibiotics in a boy with severe motor and intellectual disability

Hiroshi Oouchi*, Tsukasa Higuchi (Japan)
The Department of General Pediatrics, Nagano Children's Hospital, Azumino, Japan

Oral Presentation: Neonatology

O-058 Short term outcome in term/late-preterm infants with punctate white matter lesions

Toru Kato*, Takeshi Tsuji, Fumio Hayakawa (Japan)
Department of Pediatrics, Okazaki City Hospital, Aichi, Japan

O-059 A clinical study of 26 cases with neonatal brain hypothermia therapy

Masato Hiyane*, Taichi Uehara, Misaki Sugai, Tsuyoshi Matsuoka, Masaharu Ohfu (Japan)
Division of Child Neurology, Okinawa Prefectural Nanbu Medical Center and Children Medical Center, Okinawa, Japan / Division of Neonatology, Okinawa Prefectural Nanbu Medical Center and Children Medical Center, Okinawa, Japan

O-060 Neurodevelopmental significance of diffuse excessive high signal intensity on MRI in preterm infants

Yohane Miyata*, Yoko Nakano, Yuitiro Matuoka, Makiko Simazaki, Yumiko Komatu, Yukiko Nakamura, Akira Oka (Japan)
The Department of Pediatrics, Kyorin University Faculty of Medicine, Tokyo, Japan

O-061 Academic Achievement in very low birth weight children at 10 years old

Hideo Nagao* (Japan)
Education of Special Support Education, Faculty of Education, of Special Support Education, Faculty of Education, Ehime University, Matsuyama, Japan

O-062 Cerebeller volumetry and diffusion tensor imaging of preterm infant

Mitsuru Ikeno*, Akihisa Okumura, Shinpei Abe, Eri Nakahara, Yuri Kitamura, Mika Nakazawa, Tomoyuki Nakazawa, Toshiaki Shimizu (Japan)
Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan

O-063 Does neuronal activity affect the spontaneous oscillations of hemoglobin oxygenation?

Takashi Ohya*, Osuke Iwata, Yushiro Yamashita, Takahiro Ikuno, Keiji Iramina, Toyojiro Matsuishi (Japan)
The Department of Pediatrics and Child Health Kurume University School of Medicine, Fukuoka, Japan

Oral Presentation: Muscle 1

O-064 Steroid therapy for Duchenne Muscular Dystrophy: A large-retrospective study with patient registry

Fumi Takeuchi*, En Kimura, Reiko Shimizu, Hirofumi Komaki, Yukiko Hayashi, Ichizo Nishino, Mitsuru Kawai (Japan)
Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan

O-065 Body weight in Duchenne muscular dystrophy and nutrition support team

Yasuko Kobayashi*, Kiyoshi Omura (Japan)
Division of Pediatric Neurology, Nishitaga National Hospital, Sendai, Japan

O-066 The frequency of the carrier in the mothers of 168 cases with Duchenne/Becker muscular dystrophy

Tomoko Lee*, Noriko Kusunoki, Hiroyuki Awano, Mariko Yagi, Yasuhiro Takeshima, Masafumi Matsuo, Kazumoto Iijima (Japan)
Department of Pediatrics, Kobe university graduate School of Medicine, Kobe, Japan

O-067 Review of serum transaminase and creatinine levels in Duchenne Muscular Dystrophy cases

Noriko Kusunoki*, Tomoko Lee, Hiroyuki Awano, Mariko Yagi, Yasuhiro Takeshima, Masahumi Mathuo, Kazumoto Iijima (Japan)
Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Japan

O-068 Pervasive developmental disorder in patients with dystrophinopathies: Assessed by PARS

Manae Funakoshi*, Saki Shibata, Yuko Iwata, Haruo Fujino, Naoko Maeda, Toshio Saito, Tsuyoshi Matsumura, Osamu Imura (Japan)
Graduate School of Human Sciences, Osaka University, Osaka, Japan

O-069 Pervasive developmental disorder in patients with dystrophinopathies: Assessed by SRS

Naoko Maeda*, Saki Shibata, Yuko Iwata, Haruo Fujino, Manae Funakoshi, Toshio Saito, Tsuyoshi Matsumura, Osamu Imura (Japan)
Graduate School of Human Sciences, Osaka University, Osaka, Japan

Oral Presentation: Involuntary movement, basal ganglia

O-070 Stimulus-induced startle-like behavior in tic disorders

Yoshiaki Saito*, Kenji Sugai, Akihiko Ishiyama, Takashi Saito, Hirofumi Komaki, Eiji Nakagawa, Masayuki Sasaki, Kaori Sasa, Yuichi Abe (Japan)

Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan

O-071 Anaplastic ependymoma in a 12-years-old-girl associated with involuntary movement by haloperidol

Hideki Uchikawa*, Atsuko Takagi, Tadashi Shiohama, Katsunori Fujii, Yoichi Kohno (Japan)

Department of Pediatrics, Graduate School of Medicine, Chiba University, Chiba, Japan

O-072 Two cases of Paroxysmal tonic upgaze of childhood due to Exanthema subitum caused by HHV-6 infection

Hiroshi Ideguchi*, Yukiko Ihara, Takako Fujita, Shinichi Hirose, Sawa Yasumoto (Japan)

Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan

O-073 Levetiracetam improved involuntary movements in a case of paroxysmal exertion-induced dyskinesia

Shohei Nomura*, Shuichi Shimakawa, Miho Fukui, Takuya Tanabe, Hiroshi Tamai (Japan)

The Department of Pediatrics, Osaka Medical College, Osaka, Japan

O-074 Two cases of Leigh syndrome with m.3697G)A/ND1

Mariko Takagi*, Rie Anzai, Mitsuko Okuda, Kyouko Takano, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka, Akira Ohtake, Kei Murayama (Japan)

*Division of Neurology, Kanagawa Childrens Medical Center, Yokohama, Japan***Oral Presentation: Developmental disorder / conductive education and support 1**

O-075 Treatment for Secondary symptoms in Children with ADHD cooperating with Occupational Therapist

Yuko Hayashi*, Yukie Tabata (Japan)

Department of Pediatrics, Faculty Health and Welfare, Prefectural University of Hiroshima, Mihara, Japan / Department of Occupational Therapy, Faculty Health and Welfare, Prefectural University of Hiroshima, Mihara, Japan

O-076 When is the suitable time of disclosure of high functioning pervasive developmental disorder?

Taishi Miyachi* (Japan)

Nagoya Akebono Gakuen, Nagoya, Japan

O-077 Recent trend survey of outpatients with developmental disorders

Kazuo Hatakeyama*, Kakuro Aoyagi, Sayaka Ishii, Tomoko Tando, Hideaki Kanemura, Kanji Sugita, Masao Aihara (Japan)

The Department of Pediatrics, AKEBONO Medical Welfare Center, Yamanashi, Japan / The Department of Pediatrics, Faculty of Medicine, University of Yamanashi / The Department of Health Science and Community, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan

O-078 Support and therapy for clumsiness in infants with high functioning developmental disorders

Taishi Miyachi*, Satoshi Sumi, Shinji Saitou (Japan)

Nagoya Akebono Gakuen, Nagoya, Japan / Nagoya West District Care Center for Disabled Children, Nagoya, Japan / The Department of Neonatology and Pediatrics, Nagoya City University Graduate School Medical Science, Nagoya, Japan

O-079 The social interaction, communication and play at Early Intervention of Autistic Spectrum Infant

Keiko Maeda*, Keitaro Sueda, Sachiyo Hayakawa, Izumi Hara (Japan)

*The Department of Neuropediatrics, Sizuoka Iryou Fukusi Center, Shizuoka, Japan***Oral Presentation: Developmental disorder / conductive education and support 2**

O-080 Disagreement between self- and parent-reported QOL in children with epilepsy and ADHD

Fumikazu Sano*, Tomoko Tando, Hideaki Kanemura, Kanji Sugita, Masao Aihara (Japan)

Department of Pediatrics, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan

O-081 Differences in parental needs and content to professional support in relation to the IQ of ASD child

Toshiya Yamashita*, Takashi Hayashi (Japan)

Home Education Support Office NOW, Yamaguchi, Japan

O-082 Characteristics of Physicians and Parents who Support Children with Developmental Disabilities

Tomoka Kobayashi*, Masumi Inagaki, Kouta Suzuki, Karin Moriyama, Makiko Kaga (Japan)

Department of Pediatrics, Social Health Insurance Central General Hospital, Tokyo, Japan / Department of Developmental Disorders, National Center of Neurology and Psychiatry, Tokyo, Japan

O-083 Menstrual pattern and menstrual disorders among female adolescents with disabilities

Satoko Tsuda*, Satoshi Takada (Japan)

The Department of Community Health Sciences, Kobe University Graduate School of Health Sciences, Hyogo, Japan

O-084 Peer counseling of parents with the child of Asperger's disorder

Hiroko Haneda*, Makiko Okuyama, Masutomo Miyao, Mitsuko Nakano (Japan)

National Center for Child Health and Development, Tokyo, Japan

O-085 History of the special support class's students at health check ups by using text mining

Shima Nakatsuka*, Satoshi Takada (Japan)

*The Graduate School of Health Science, University of Kobe, Hyogo, Japan***Oral Presentation: Developmental disorder / examination**

O-086 Social Perception in preterm children: features and developmental changes

Mariko Hosozawa*, Kana Ehara, Kumiko Kato, Satomi Mitomo, Nao Oikawa, Tomohiro Iwasaki, Naomi Yoshikawa, Kyoko Tanaka, Toshiaki Shimizu (Japan)

Department of Pediatrics and adolescent medicine, Juntendo University School of Medicine, Tokyo, Japan

O-087 Characteristics of frontal inhibitory function in children with AD/HD

Sayaka Ishii*, Yoshimi Kaga, Tomoko Tando, Kakuro Aoyagi, Hideaki Kanemura, Kanji Sugita, Masao Aihara (Japan)
Department of Pediatrics, University of Yamanashi, Yamanashi, Japan/Yamanashi Prefectural Medical Welfare Center, Yamanashi, Japan

O-088 Function of the frontal lobe in AD/HD: A NIRS study

Kenji Mori*, Hiromichi Ito, Yoshihiro Tohda, Tatsuo Mori, Aya Gohji, Masahito Miyazaki, Masafumi Harada, Shoji Kagami (Japan)
Department of Child Health & Nursing, Institute of Health Biosciences, The University of Tokushima Graduate School, Tokushima, Japan

O-089 Clinical use of DN-CAS for children with autistic spectrum disorders (ASD);second report

Kitami Hayashi*, Yuri Shirato, Ayako Muto, Misako Akiyama (Japan)
Division of Neurology and Developmental Pediatrics, Tokyo Women's Medical University, Yachiyo, Japan

O-090 Diagnostic approach for autism spectrum disorders/developmental delay by the cytogenetic microarray

Kenji Kurosawa*, Yukiko Kuroda, Ikuko Ohashi, Kouji Kanoue, Kyouko Takano, Takahito Wada, Mizue Iai, Kiyoshi Matsui, Hitoshi Osaka (Japan)
Division of Medical Genetics, Kanagawa Children's Medical Center, Yokohama, Japan

O-091 Effect of methyphenidate on event-related potential in children with AD/HD

Hiroyuki Wakamoto*, Hideo Nagao, Kozue Kuwabara, Takehiko Morimoto (Japan)
The Department of Pediatric Neurology, Ehime Rehabilitation Center for Children, Ehime, Japan

Oral Presentation: Learning disorder

O-092 Clinical studies of reading ability in children with autistic spectrum disorder

Jun-Ichi Ito* (Japan)
Developmental Clinic, Taiyo-no-Sono, Hokkaido, Japan

O-093 The correlation between numerocity and calculation skills

Eiji Wakamiya*, Makoto Nakanishi, Takashi Takeshita, Mekumi Mizuta, Naoko Kurimoto, Tomohito Okumura, Tomoko Miura, Hiroshi Tamai (Japan)
Faculty of Nursing and rehabilitations, Aino University, Ibaraki, Japan

O-094 Influence of vision-related skills on development of syllable and word reading speed

Tomohito Okumura*, Akihiro Kawasaki, Tomoko Miura, Makoto Nakanishi, Mekumi Mizuta, Naoko Kurimoto, Takashi Takeshita, Eiji Wakamiya, Hiroshi Tamai (Japan)
Osaka Medical College, LD Center, Takatsuki, Japan

O-095 Development of a reading task for implementing the response to instruction model in primary schools

Ayumi Seki*, Yukiyasu Yaguchi, Hisakazu Yanaka, Daisuke Tanaka, Hitoshi Uchiyama, Noriko Hirasawa, Naotaka Iketani, Ken Katou, Tatsuya Koeda (Japan)
Department of Regional Education, Faculty of Regional Sciences, Tottori University, Tottori, Japan

O-096 Influence of vision-related skills on development of writing accuracy

Akihiro Kawasaki*, Tomohito Okumura, Tomoko Miura, Yuuko Ogino, Makoto Nakanishi, Mekumi Mizuta, Naoko Kurimoto, Eiji Wakamiya, Hiroshi Tamai (Japan)
University of Toyama Faculty of Human Development, Toyama, Japan

O-097 The influence of the reading and writing skills and the visual system gives in scholastic ability

Yuko Ogino*, Akihiro Kawasaki, Tomohito Okumura, Makoto Nakanishi, Tomoko Miura, Mekumi Mizuta, Eiji Wakamiya (Japan)
Graduate School of Education, Hokkaido university, Hokkaido, Japan

O-098 A case of dyslexia due to Irlen syndrome (visual stress, scotopic sensitivity syndrome)

Yusuke Kusano*, Tomonari Awaya, Keiko Saito, Takeshi Yoshida, Minoru Shibata, Takeo Kato, Toshio Heike, Toshihiro Kato (Japan)
Rehabilitation Units, Kyoto University Hospital, Kyoto, Japan / Department of Brain Function and Rehabilitation, Kyoto University Graduate School of Medicine, Kyoto, Japan

O-099 A study of prevalence of developmental dyslexia

Tatsuya Koeda*, Ayumi Seki, Hitoshi Uchiyama, Daisuke Tanaka, Yukiyasu Yaguchi, Hisakazu Yanaka (Japan)
Department of Regional Education, Faculty of Regional Sciences, Tottori University, Tottori, Japan / Department of Clinical Research, Tottori Medical Center, Tottori, Japan

Oral Presentation: Autonomic nerve, headache

O-100 NGF and the Physiology of Pain: Lessons from Congenital Insensitivity to Pain with Anhidrosis

Yasuhiro Indo* (Japan)
Department of Pediatrics, Kumamoto University Hospital, Kumamoto, Japan

O-101 Efficacy of Gorei-san for treatment of chronic headache in children

Konomi Shimoda*, Emi Kasai, Ikuko Shirai, Eiji Kurihara (Japan)
Neuropediatrics, Tokyo Metropolitan neurological Hospital, Japan / Department of Pediatrics, The University of Tokyo Hospital, Tokyo, Japan

O-102 The three cases of children that being in neurological department

Mitsuhiko Ohta*, Takashi Mitsufuji, Yoshihiko Nakazato, Toshimasa Yamamoto, Naotoshi Tamura, Nobuo Araki (Japan)
The Department of Neurology, Saitama Medical University, Saitama, Japan

O-103 A case of headace related with CSF leak after injuring trauma

Masayuki Nakano*, Takashi Mitsufuji, Syunsuke Kinoshita, Yoshihiko Nakazato, Toshimasa Yamamoto, Naotoshi Tamura, Hidetomo Nakamoto (Japan)
General internal medicine of Saitama Medical University, Saitama, Japan

Oral Presentation: Developmental disorder / general 1

- O-104 Efficacy of Traditional Herbal Therapy for Misbehaviour in 5 children with developmental disorder
Shohei Watanabe* (Japan)
Department of Pediatrics, Ehime Prefectural Imabari Hospital, Ehime, Japan
- O-105 Brief checklist of developmental disorders: Evaluation of usefulness when 5-year-old medical check
Masahito Miyazaki*, Hiromichi Ito, Yoshihiro Tohda, Kenji Mori, Shoji Kagami (Japan)
Department of Pediatrics, Miyoshi Medical Clinic, Higashikagawa, Japan / Department of Pediatrics, The Institute of Health Bioscience, The University of Tokushima Graduate School, Tokushima, Japan
- O-106 Hemodynamic response to a happy or angry facial expression in children with AD/HD
Hiroko Ichikawa*, Emi Nakato, Keiichi Shimamura, Yuiko Sakuta, Masami K. Yamaguchi, So Kanazawa, Ryoichi Sakuta (Japan)
Research and Development Initiative, Chuo University, Tokyo, Japan / Japan Society for the Promotion of Science, Tokyo, Japan
- O-107 A study of coexistence symptoms in infancy with pervasive developmental disorders
Kuniaki Fukuda*, Toshiaki Hashimoto, Michinori Ito, Ichizo Nishino, Ikuya Nonaka (Japan)
The Department of Neuropediatrics, Asada General Hospital, Marugame, Japan
- O-108 Effect of atomoxetine & OROS-methylphenidate combination therapy on ADHD children with ASD
Naomitsu Suzuki* (Japan)
Tsukuba Clinic for Mental Sick Children and Adolescents, Ibaraki, Japan

Oral Presentation: Developmental disorder / general 2

- O-109 Outcome in Autism Spectrum Disorders: Changes in IQ
Toru Kurokawa*, Yuko Yokomizo, Yuki Shigetou (Japan)
Department of Neurology (Division of Pediatrics), Seiai Rehabilitation Hospital, Ohnojou, Japan
- O-110 Investigation of balance skill in children with autism spectrum disorder using visual cue
Taro Ohtoshi*, Satoshi Takada (Japan)
Kansai University of Welfare Sciences, Osaka, Japan
- O-111 The effect of drug therapy on children with attention deficit hyperactivity disorder
Kazunori Motoyama*, Mutsuko Miyazaki, Tetsuo Matsuzaka, Tamao Nagaoka (Japan)
Nagasaki Prefectural Center for Handicapped Children, Nagasaki, Japan
- O-112 Hippocampal fissure's sign of developmental disorder using MRI at 3 Tesla
Toshinori Kato*, Kayoko Yoshino (Japan)
Department of Brain Environment Research, KATOBRAIN Co., Ltd. Tokyo, Japan
- O-113 Estimated Prevalence of DAMP syndrome in Japan: A Nation-Wide Study, using DCDQ-J and ADHD-RS-J
Akio Nakai*, Yoshinori Mitsuhashi, Masatada Yoshizawa, Masao Kawatani, Brenda N. Wilson (Japan)
Research Center for Child Mental Development, University of Fukui, Fukui, Japan

Oral Presentation: Infectious, immunological disease (excluding acute encephalitis / encephalopathy) 1

- O-114 A case of acute transverse myelitis associated with Polio vaccination
Masaharu Ohfu*, Tsuyoshi Matsuoka, Masato Hiyane, Misaki Sugai, Taichi Uehara (Japan)
Division of Child Neurology, Okinawa Prefectural Nanbu Medical Center, Children's Medical Center, Okinawa, Japan
- O-115 A case of mumps vaccine-associated encephalitis
Mika Goto*, Takeshi Kimura, Akito Watanabe, Taro Matsuoka (Japan)
Toyonaka Municipal Hospital, Osaka, Japan
- O-116 Analysis of SNPs associated with measles vaccine-induced immune responses in patients with SSPE
Yoshito Ishizaki*, Hiroyuki Torisu, Yasunari Sakai, Sooyoung Lee, Masafumi Sanefuji, Toshiro Hara (Japan)
Department of Pediatrics, Graduate School of Kyushu University, Fukuoka, Japan
- O-117 An effective case of opsoclonus myoclonus syndrome with rituximab treatment
Daisaku Toyoshima*, Naoya Morisada, Taku Nakagawa, Yuichi Takami, Yasuhiro Takeshima, Satoshi Takada, Kazutomo Iijima (Japan)
Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Japan
- O-118 Clinical feature and outcome of Chronic relapse cerebellar ataxia
Kotoko Suzuki*, Shin-ichiro Hamano, Ryuki Matsura, Atsuko Oba, Kenjiro Kikuchi, Manabu Tanaka, Atsuyuki Minamitani, Hiroyuki Ida (Japan)
The Department of Pediatrics, The Jikei University Katsushika Medical Center, Tokyo, Japan
- O-119 central nervous system complications in children with chronic active EBV infection
Nobutsune Ishikawa*, Yoshiyuki Kobayashi, Yuji Fujii (Japan)
Department of Pediatrics, Hiroshima University Hospital, Hiroshima, Japan

Oral Presentation: Development

- O-120 Attention to faces in patients with Williams syndrome -a study using an eye tracking system-
Miho Nakamura*, Masahiro Hirai, Naoko Kurahashi, Yukako Muramatsu, Hirokazu Kurahashi, Seiji Mizuno (Japan)
Institute for Developmental Research, Aichi Human Service Center, Aichi, Japan
- O-121 Developmental prognosis and respiratory management of congenital central hypoventilation syndrome
Kaori Irahara*, Hiroshi Ozawa, Kazuhiro Muramatsu, Tomomi Ogata, Hirokazu Arakawa, Takehiro Ishizuka, Kiyoshi Arimoto, Satoshi Kimiya (Japan)
Department of Pediatrics, Shimada Ryoiku Center, Tokyo, Japan

- O-122 Development of sleep-wake rhythm, locomotion and visual joint attention in infants
Aki Ando*, Akiko Shibata, Hiroshi Terashima, Hirohumi Kashii, Masaya Kubota (Japan)
National Center for Child Health and Development, Tokyo, Japan
- O-123 The introduction of Developmental Evaluation Center in National Center for Child Health and Development
Yamauchi Yuko*, Manami Honda, Masutomo Miyao, Keiji Hashimoto, Hiroyuki Ida (Japan)
Developmental Evaluation Center of National Center for Child Health and Development / The Jikei University of Medicine, Tokyo, Japan
- O-124 Study for development of lexicon-concept link by a match-mismatch method
Katsuo Sugita*, Kiyoko Sugita (Japan)
The Division of Medicine, Faculty of Education, Chiba University, Chiba, Japan
- O-125 The relation with face recognition and the development of the very low birth weight infants
Yuko Yamauchi*, Tomoko Nishida, Takashi Kusaka, Kenichi Isobe, Susumu Itoh (Japan)
Department of Pediatrics, Faculty of Medicine, Kagawa University, Kagawa, Japan
- O-126 L1-knockdown perturbs neuronal migration and expression of transcription factors in murine cortex
Tomokazu Kishimoto*, Madoka Tonosaki, Kyoko Itoh, Kenji Fukui, Shinji Fushiki (Japan)
Department of Pathology and Applied Neurobiology, Kyoto Prefectural University of Medicine, Kyoto, Japan / Department of Psychiatry, Kyoto Prefectural University of Medicine, Kyoto, Japan

Oral Presentation: Electrophysiology (EEG, EMG, MEG etc.,)

- O-127 Clinical course and ABR findings of three types of congenital cerebular hypomyelination
Manabu Tanaka*, Shin-ichiro Hamano, Kenzi Kurosawa, Hiroto Saito, Ken Inoue, Kenziro Kikuchi, Ryuuki Matsuura, Atsuko Ooba (Japan)
Division of Neurology, Saitama Children's Medical Center, Saitama, Japan
- O-128 Analysis of intracortical and interhemispheric inhibition using TMS in various movement disorders
Masaya Kubota*, Hirofumi Kashii, Hiroshi Terashima, Aki Ando, Akiko Shibata (Japan)
Division of Neurology, National Center for Child Health and Development, Tokyo, Japan
- O-129 Ictal records on continuous electroencephalogram monitoring in pediatric intensive care unit
Tomohiro Arakuma*, Tomohide Goto, Yoji Ikuta, Hiromi Arai, Yuri Sakaguchi, Sunao Tomita, Naoki Shimizu, Sahoko Miyama (Japan)
Division of Neurology, Tokyo Metropolitan Children Medical Center, Fuchu, Japan
- O-130 Use effect of Ramelteon at the time of electroencephalography
Hirotoshi Akaike*, Eisuke Kondo, Mina Horiya, Atsushi Kato, Hiroki Fujimoto (Japan)
Department of Pediatrics, Kawasaki Medical School, Okayama, Japan

Oral Presentation: Imaging

- O-131 A case of bilateral frontoparietal polymicrogyria with GPR 56 gene mutation
Yuji Fujii*, Yoshiyuki Kobayashi, Nobutsune Ishikawa, Hiroaki Ono, Mitsuhiro Kato (Japan)
Department of Pediatrics, Hiroshima University, Hiroshima, Japan
- O-132 Spinal disease which caused by a slight degree of trauma
Shintaro Yamashita*, Akihisa Okumura, Shinichi Niijima, Toshiaki Shimizu, Megumi Kasai, Satoko Kumada, Atsuko Yamamoto, Yuji Sugawara, Katsunori Fujii, Masaharu Hayashi (Japan)
Department of Pediatrics, Juntendo University Nerima Hospital, Tokyo, Japan / Tokyo metropolitan Institute for Neuroscience, Tokyo, Japan
- O-133 New classification and clinical characteristic of Callosal Agenesis with Interhemispheric cyst
Shinpei Abe*, Akihisa Okumura, Ayuko Igarashi, Mitsuru Ikeno, Masako Saito, Toshiaki Shimizu, Masakazu Miyajima (Japan)
The Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan
- O-134 Transient aggravation of cranial MRI findings by ACTH therapy in a patient with a COL4A1 mutation
Naoki Ando*, Yutaka Negishi, Ayako Hattori, Tetsuya Ito, Hiroto Saito, Shinji Saitoh (Japan)
Department of Pediatrics and Neonatology, Nagoya City University, Graduate school of Medical Sciences, Nagoya, Japan

Oral Presentation: Peripheral nerve

- O-135 An infantile case of spinal muscular atrophy type I with hydrocephalus
Sotaro Kanai*, Kozue Shiomi, Hiroko Matsushita, Sozo Okano, Katsumi Hayakawa, Masafumi Morimoto (Japan)
The Department of Pediatrics, Kyoto City Hospital, Kyoto, Japan
- O-136 clinical courses of 4 children with SMA type I
Taeka Httori*, Kanako Yamashita, Ayako Konishi, Norikatsu Hikita, Toshiyuki Seto, Katuji Tanaka, Osamu Matsuoka, Haruo Shintaku, Hideji Hattori (Japan)
The Department of Pediatrics, University of Osaka City, Osaka, Japan / Sunago medical Welfare Center of Nishinomiya City, Hyogo, Japan
- O-137 Genotype-phenotype relationship in autosomal recessive demyelinating Charcot-Marie-Tooth disease
Makiko Hayashi*, Akiko Abe, Kiyoshi Hayasaka (Japan)
Department of Pediatrics, Yamagata University School of Medicine, Yamagata, Japan
- O-138 A case with chronic hypertrophic motor polyneuropathy
Yuichi Abe*, Hiroshi Terashima, Hideki Hoshino, Kaori Sassa, Tetsuro Sakai, Akira Ohtake, Masaya Kubota, Hideo Yamanouchi (Japan)
Department of Pediatrics, Saitama Medical University, Saitama, Japan
- O-139 The change of blood brain barrier and spinal fluid cytokine in Hopkins syndrome during acute phase
Ryuuki Matsuura*, Shin-ichiro Hamano, Atsuko Ooba, Kenjiro Kikuchi, Manabu Tanaka, Motoyuki Minamitani, Hiroyuki Ida (Japan)
Division of Neurology, Saitama Children's Medical Center / Division of Pediatrics, The Jikei University School of Medicine, Tokyo, Japan

Oral Presentation: Developmental disorder / general 3

O-140 Estimated Prevalence of DAMP syndrome in Japan: A Nation-Wide Study, using MOQ-T-J and ADHD-RS-J

Akio Nakai*, Yoshinori Mitsuhashi, Masao Kawatani, Marina M. Schoemaker (Japan)

Research Center for Child Mental Development, University of Fukui, Fukui, Japan

O-141 Simultaneous urine metabolome analysis in the patients with autism in early childhood

Yoko Sugie*, Tokiko Fukuda, Yuusau Endo, Kouichi Hirano, Yumi Kono, Noriko Oguro, Jun Shimizu, Hideo Sugie (Japan)

Department of Pediatrics, Hamamatsu University School of Medicine, Shizuoka, Japan / Aoi-cho Children's Clinic, Shizuoka, Japan

O-142 Quantitative diagnosis of word comprehension using oxygen consumption by near-infrared spectroscopy

Kayoko Yoshino*, Toshinori Kato (Japan)

Department of Brain Environment Research, KATOBRAIN Co., Ltd. Tokyo, Japan

O-143 Workflow of targeted sequencing by next generation sequencer

Yukiko Kuroda*, Ikuko Ohashi, Kyouko Takano, Takahito Wada, Kiyoshi Matsui, Hitoshi Osaka, Kenji Kurosawa (Japan)

The Division of Medical Genetics, Kanagawa Children's Medical Center, Yokohama, Japan

O-144 Morphological relationship between HIR and primary motor cortex in developmental disorder

Noriyuki Oka*, Kayoko Yoshino, Toshinori Kato (Japan)

Department of Brain Environment Research, KATOBRAIN Co., Ltd. / Graduate School of Health and Welfare Sciences, International University of Health and Welfare

Oral Presentation: Developmental disorder / general 4

O-145 Sex difference in Autism spectrum disorders

Masayuki Imaeda*, Yoshimi Funahashi, Taishi Miyaji, Tomoko Asai, Yoshifumi Mizuno, Satoshi Sumi, Shinji Saitou (Japan)

Treatment and Education Center, Northern Region, Nagoya, Aichi, Japan / Department of Pediatrics, Nagoya City University Graduate School of Medicine, Aichi, Japan

O-146 Synapse related genes in CNV detected in the patients with developmental disorder

Ayumi Matsumoto*, Takanori Yamagata, Yasuyuki Nozaki, Eriko F. Jimbo, Koh-ichi Nagata, Mariko Y. Momoi (Japan)

Department of Pediatrics, Jichi Medical University, Shimotsukeshi, Japan

O-147 the standard value of the Japanese version Impairment Rating Scale (IRS): Validity and reliability

Ryoko Otani*, Rie Kanaya, Takeshi Inoue, Keiichi Shimamura, Yushiro Yamashita, Ryoichi Sakuta (Japan)

Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University Koshigaya Hospital, Saitama, Japan

O-148 Combination therapy of extended release methylphenidate and atomoxetine on drug therapy for AD/HD

Michiko Sugama*, Asayo Ishizaki (Japan)

Oji Clinic; Division of Medicine The Japanese Association on Intellectual and Developmental Disorders, Tokyo, Japan

O-149 Screening patients for the inherited GPI deficiency to establish the concept of this new disease

Yoshiko Murakami*, Norimitsu Inoue, Ichiro Kuki, Yukitoshi Takahashi, Taroh Kinoshita (Japan)

Department of Immunoregulation, Research Institute for Microbial Diseases, Osaka University, Japan / Laboratory of Immunoglycobiology, WPI Immunology Frontier Research Center, Osaka University, Osaka, Japan

Oral Presentation: Epilepsy, seizure 5

O-150 Clinical efficacy and side effects of new antiepileptic drugs for patients up to 6 with epilepsy

Toshihide Watanabe*, Shinobu Fukumura, Kimio Minagawa (Japan)

The Department of Pediatric Neurology, Hokkaido Medical Center for Child Health and Rehabilitation, Hokkaido, Japan

O-151 Efficacy and safety of intravenous anticonvulsant drug when exchanging oral antiepileptic drugs

Masahiro Ishii*, Masayuki Shimono, Tomohumi Fukuda, Ayako Senjyu, Naoki Shiota, Koichi Kusuhara (Japan)

The Department of Pediatrics, University of Occupational Environmental Health, Fukuoka, Japan

O-152 The importance of determination of blood lamotrigine levels for its optimal dosage regimen

Kimio Minagawa*, Toshihide Watanabe, Shinobu Fukumura (Japan)

Department of Pediatric Neurology, Hokkaido Medical Center for Child Health and Rehabilitation, Hokkaido, Japan

O-153 Long-term effect of levetiracetam on intractable epilepsy patients

Mitsuhiro Matsuo*, Tetsuo Matsuzaka, Tatsuharu Sato, Akiko Fujii, Hiroyuki Moriuchi (Japan)

Nagasaki Prefectural Center of handicapped children, Nagasaki, Japan / The Department of Pediatrics, Nagasaki University Hospital, Nagasaki, Japan

O-154 Efficacy and safety of levetiracetam in refractory epilepsy occurred for childhood

Shinichiro Morichi*, Gaku Yamanaka, Shingo Oana, Yuu Ishida, Kazunori Suzuki, Mika Takeshita, Tasuku Miyajima, Akinori Hoshika (Japan)

Department of Pediatrics, Tokyo Medical University, Tokyo, Japan

Oral Presentation: Epilepsy, seizure 6

O-155 long term efficacy of intractable epilepsy on children

Shin Okazaki*, Hisashi Kawawaki, Hitomi Tshuji, Asako Horino, Megumi Nukui, Takeshi Inoue, Ichiro Kuki, Masao Togawa,

Masashi Shiomi, Kiyotaka Tomiwa (Japan)

Department of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan

O-156 Long term effectiveness of levetiracetam high dose therapy

Yukio Sawaishi*, Miyuki Toyono (Japan)

Akita Prefectural Center on Development and Disability, Akita, Japan

O-157 Clinical characteristics of newer antiepileptic drugs in the effective cases

Kiyotaka Murakami* (Japan)

Nakano Children's Hospital, Osaka, Japan

O-158 Effects of topiramate on headache in children with epilepsy

Hideaki Kanemura*, Fumikazu Sano, Tomoko Tando, Kanji Sugita, Masao Aihara (Japan)

Department of Pediatrics, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan

Oral Presentation: Epilepsy, seizure 7

O-159 Experience of the treatment with fosphenytoin for neonates and infants

Mika Nakazawa*, Akihisa Okumura, Mitsuru Ikeno, Shinpei Abe, Eri Nakahara, Ayuko Igarashi, Shintarou Yamashita, Shinichi Nijima, Toshiaki Shimizu (Japan)

Department of Pediatrics, Juntendo University Nerima Hospital, Tokyo, Japan / Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan

O-160 Status of use and effect of Phenobarbital and Fosphenytoin for status cluster of convulsion

Yuuki Ishidou*, Kenji Sugai, Akihiko Ishiyama, Takashi Saitou, Yoshiaki Saitou, Hirofumi Komaki, Eiji Nakagawa, Masayuki Sasaki (Japan)

National Center of Neurology and Psychiatry, Tokyo, Japan

O-161 Comparison of seizure reduction between the modified Atkins diet and the classical ketogenic diet

Tomohiro Kumada*, Tomoko Miyajima, Fumihito Nozaki, Ikuko Hiejima, Anri Hayashi, Tatsuya Fujii (Japan)

Department of Pediatrics, Shiga Medical Center for Children, Shiga, Japan

O-162 Efficacy of Saikokaryukotsuboreito for Epilepsy in Children

Eiji Kurihara* (Japan)

Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan

O-163 An AED selection for duo-therapy with LEV and their clinical effectiveness for epileptic seizures

Shin-ichi Uchiyama*, Kazuo Okanari, Tatsuro Izumi (Japan)

Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

O-164 Efficacy of the ACTH therapy for epileptic spasms developed after early childhood

Miho Fukui*, Shuichi Shimakawa, Mitsuru Kashiwagi, Takuya Tanabe, Ichiro Kuki, Hisashi Kawawaki, Yukiko Mogami, Yasuhiro Suzuki, Sayaka Nakano, Takeshi Okinaga, Toshisaburo Nagai (Japan)

Department of Pediatrics, Osaka Medical College, Osaka, Japan

O-165 Effectiveness of ACTH therapy for patients with West syndrome secondary to tuberous sclerosis

Naoko Ishihara*, Jun Natsume, Yoshiteru Azuma, Tomohiko Nakata, Koichi Maruyama, Kiyokuni Miura, Tamiko Negoro, Kazuyoshi Watanabe (Japan)

Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan

Oral Presentation: Epilepsy, seizure 8

O-166 Examination of 2nd ACTH for West syndrome

Tomoshi Nakajiri*, Harumi Yoshinaga, Fumika Endoh, Takushi Inoue, Yumiko Hayashi, Emiko Momoki, Katsuhiro Kobayashi (Japan)

Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan

O-167 Discontinuation of treatment in patients with West syndrome

Yasuhiro Suzuki*, Tomokazu Kimizu, Sadami Kimura, Tae Ikeda, Yukiko Mogami, Keiko Yanagihara, Yasuhisa Toribe (Japan)

Department of Pediatric Neurology, Osaka Medical Center for Maternal and Child Health, Osaka, Japan

O-168 Discrepancy between clinical signs & EEG findings during ACTH therapy in a infant with West syndrome

Takamasa Kishi*, Yoshiyuki Kobayashi, Yuji Fujii, Nobutsune Ishikawa (Japan)

Department of Pediatrics, KKR Hiroshima Memorial Hospital, Hiroshima, Japan

O-169 EEG in infants of epileptic spasms following VitB6 therapy

Motoyuki Minamitani*, Shin-ichiro Hamano, Manabu Tanaka, Kenjiro Kikuchi, Ryuki Matsuura, Atsuko Oba (Japan)

Saitama Children's Medical Center, Center for Child Health and Human Development, Saitama, Japan / Jikeikai Medical University School of Medicine, Tokyo, Japan

O-170 Urinary retention after introduction of levetiracetam in 8 cases of severely handicapped patients

Masao Adachi*, Shuichi Tsuneishi, Yoko Kawasaki (Japan)

Department of Pediatrics, Kakogawa West-City Hospital, Hyogo, Japan

O-171 Effect of antihistamines on febrile seizure duration in a prospective study

Takeshi Kimura*, Mika Goto, Akito Watanabe, Taro Matsuoka (Japan)

The Department of Pediatrics, Toyonaka Municipal Hospital, Osaka, Japan

Oral Presentation: Acute encephalitis / encephalopathy 2

O-172 Investigation to hypoxic encephalopathy in children (1) Prognosis and support

Mana Kurihara*, Atsushi Shishido, Manabu Yoshihashi, Hiroyuki Fujita, Toshitaka Kohagizawa, Hiroyuki Ida (Japan)

Department of Pediatrics, The Kanagawa Rehabilitation Center / Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan

O-173 Sequelae of hypoxic encephalopathy in children (2) A 13-year-old girl with hypotonia and low vision

Hiroyuki Fujita*, Mana Kurihara, Atsushi Shishido, Manabu Yoshihashi, Toshitaka Kohagizawa (Japan)

Department of Pediatrics, The Kanagawa Rehabilitation Center, Atsugi, Japan

- O-174 ABC-classification of acute encephalopathy in childhood: Severity Variation of A-type
 Hiroyuki Yamamoto*, Fumio Hayakawa, Takeshi Tsuji, Tatsuya Fukasawa, Tetsuo Kubota, Yutaka Negishi, Hiroyuki Kidokoro, Naoko Ishihara, Naoki Ando, Akihisa Okumura, Shinji Saito, Jun Natsume (Japan)
Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan
- O-175 ABC-classification of acute encephalopathy 2nd report: Symptoms of C-type acute encephalopathy
 Yutaka Negishi*, Naoki Ando, Fumio Hayakawa, Takeshi Tsuji, Tatsuya Fukazawa, Tetsuo Kubota, Hiroyuki Yamamoto, Akihisa Okumura, Jun Natsume, Shinji Saitoh (Japan)
Department of Pediatrics and Neonatology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Aichi, Japan
- O-176 ABC classification of acute encephalopathy in childhood. Category of B type acute encephalopathy
 Fumio Hayakawa*, Takeshi Tsuji, Toru Kato, Yousuke Hosokawa, Tatsuya Hukazawa, Tetsuo Kubota, Yutaka Negishi, Naoki Ando, Shinji Saito, Hiroyuki Yamamoto, Jun Natsume, Naoko Kurahashi, Akihisa Okumura (Japan)
Department of Child Neurology, Okazaki City Hospital, Okazaki, Japan
- O-177 ABC classification of acute encephalopathy in childhood. The significance of BTA
 Yousuke Hosokawa*, Fumio Hayakawa, Takeshi Tsuji, Toru Kato, Tatsya Fukazawa, Tetsuo Kubota, Yutaka Negishi, Naoki Ando, Shinji Saito, Hiroyuki Yamamoto, Jun Natsume, Naoko Kurahashi, Akihisa Okumura (Japan)
Department of Child Neurology, Okazaki City Hospital, Okazaki, Japan
- O-178 ABC- classification of acute encephalopathy in childhood: 5th report: the time of emergence of BTA
 Tatsuya Fukasawa*, Tetsuo Kubota, Fumio Hayakawa, Takeshi Tuji, Toru Kato, Yutaka Negishi, Naoki Ando, Shinji Saito, Hiroyuki Yamamoto, Jun Natsume, Akihisa Okumura (Japan)
Department of Pediatrics, Anjo kosei Hospital, Aichi, Japan
- O-179 A hemophagocytic syndrome mimics clinically mild encephalopathy with reversible splenic lesion
 Satoru Ikemoto*, Kenjiro Kikuchi, Ryuki Matsuura, Hiroyuki Ida, Shin-ichiro Hamano (Japan)
Fuji City General Hospital, Department of Pediatrics, Shizuoka, Japan
- O-180 Mild encephalitis/encephalopathy with a reversible splenic lesion complicated by VAHS
 Megumi Nukui*, Asako Horino, Hisashi Kawawaki, Hitomi Tsuji, Takeshi Inoue, Ichiro Kuki, Shin Okazaki, Kiyooka Tomiwa, Jyunichi Ishikawa, Kiyoko Amo, Masao Togawa, Masashi Shiomi (Japan)
The Department of pediatric neurology, Osaka City General Hospital, Osaka, Japan

Oral Presentation: Acute encephalitis / encephalopathy 3

- O-181 Detection of antineuronal antibodies by immunohistochemistry using rodent brain section
 Hiroshi Sakuma*, Masaharu Hayashi (Japan)
Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan / Department of Immunology, National Institute of Neuroscience, Tokyo, Japan
- O-182 Examination of autoantibody detection against of N-methyl-d-aspartate receptor by cell-based assay
 Kazushi Miya*, Tomomi Tanaka, Toshio Miyawaki, Yukitoshi Takahashi, Hisashi Mori (Japan)
Department of Pediatrics Faculty of Medicine University of Toyama, Toyama, Japan
- O-183 Treatment of non-herpetic limbic encephalitis: Effectiveness of immunosuppressant
 Yukiko Ihara*, Yuuko Tomonoh, Takako Fujita, Hiroshi Ideguchi, Takahito Inoue, Yukitoshi Takahashi, Sawa Yasumoto, Shinichi Hirose (Japan)
Department of pediatrics, Fukuoka University School of Medicine, Fukuoka, Japan
- O-184 A case of anti-NMDAR Encephalitis treated with cyclophosphamide and rituximab
 Akihiko Miyauchi*, Takanori Yamagata, Sayo Nakayama, Yukihumi Monden, Masato Mori, Tokiko Fukuda, Hideo Sugie, Yukitoshi Takahashi, Mariko Momoi (Japan)
Department of Pediatrics, Jichi Medical University, Tochigi, Japan
- O-185 Two cases of RS associated encephalopathy: examination of the mechanism
 Kiyotaka Zaha*, Hiroshi Matumoto, Yasuko Nakamura, Makiko Saitoh, Masashi Mizuguchi (Japan)
The Department of Pediatrics, National Defense Medical College, Saitama, Japan
- O-186 Serum levels of soluble CD163 in patients with influenza-associated encephalopathy
 Hirofumi Inoue*, Hiroshi Momonaka, Madoka Kajimoto, Takeshi Matsushige (Japan)
Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan
- O-187 Triatal ADEM with mycoplasma infection having possible implication of antibody against human brain
 Ikuma Musha*, Jun Takayanagi, Yu-ichi Abe, Eri Nakahara, Hiroshi Sakuma, Masaharu Hayashi, Hideo Yamanouchi (Japan)
Department of Pediatrics, Saitama Medical University School of Medicine, Saitama, Japan

Oral Presentation: Acute encephalitis / encephalopathy 4

- O-188 A case of acute encephalopathy complicating with rhabdomyolysis due to norovirus infection
 Hiromichi Ito*, Kenji Mori, Tatsuo Mori, Shoji Kagami (Japan)
The Department of Pediatrics, University of Tokushima, Tokushima, Japan
- O-189 Clinical and radiographic characteristics of Escherichia coli O111 outbreak in Japan
 Takako Misaki*, Yuichiro Yahata, Junnichi Takanashi, Akihisa Okumura, Masafumi Harada, Yuki Tada, Nobuhiko Okabe (Japan)
National Institute of Infectious Diseases, Tokyo, Japan
- O-190 A case with Severe transient splenic lesions with rotavirus infection associated with thyroid storm
 Misako Kinoshita*, Kotoko Suzuki, Kenjiro Kikuchi, Hiroyuki Ida, Shin-ichiro Hamano (Japan)
The Department of Pediatrics, The Jikei University Katsushika Medical Center, Tokyo, Japan

- O-191 A case of the brain stem encephalitis and polymyelitis, presented variegated neurological symptoms
Satoko Harada*, Sho Kimura, Takuya Matsui, Nozomi Hirai, Yasuhiro Maeda, Yoko Moriyama, Keiko Watanabe, Yuri Shirato, Ayako Muto, Kitami Hayashi, Junichi Takanashi (Japan)
Tokyo Womens Medical University Yachiyo Medical Center, Chiba, Japan / Kameda Medical Center, Chiba, Japan
- O-192 Two cases of acute encephalopathy with biphasic seizures associated with head injury
Masahiro Nishiyama*, Tukasa Tanaka, Kyoko Fujita, Azusa Maruyama, Hiroaki Nagase (Japan)
Department of Neurology, Hyogo Prefectural Kobe Children's Hospital, Kobe, Japan
- O-193 Nine patients with acute encephalopathy with biphasic seizures and late reduced diffusion
Soichiro Toda*, Jun-ichi Takanashi, Shota Yuasa, Hiroko Tada (Japan)
Department of Pediatrics, Kameda Medical Center, Kamogawa, Japan
- O-194 11 cases of acute encephalopathy with biphasic seizures and late reduced diffusion (AESD)
Masatoshi Nakata*, Akira Kumakura, Hiroko Uchio, Daisuke Hata (Japan)
Department of Pediatrics, Kitaono Hospital, the Tazuke Kofukai Medical Research Institute, Osaka, Japan
- Oral Presentation: Metabolic, degenerative disorder 2**
- O-195 Hypoalbuminemia in dentatorubral-pallidolysian atrophy due to leakage of albumin in multiple organs
Yoshiaki Saito*, Shigehiro Nagai, Yukari Endo, Yuko Saito, Takashi Saito, Kenji Sugai, Akihiko Ishiyama, Hirofumi Komaki, Eiji Nakagawa, Masayuki Sasaki, Sayuri Sukigara, Masayuki Ito, Yuichi Goto (Japan)
Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan
- O-196 Segawa disease having the dystonia with the change in the day
Mitsuko Okuda*, Rie Anzai, Rie Takagi, Kyoko Takano, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka, Haruo Shintaku (Japan)
Division of Neurology, Kanagawa Children's Medical Center, Yokohama, Japan
- O-197 A case of Respiratory chain complex 4 deficiency
Yuichi Suzuki*, Atsushi Ono, Shinichiro Ohara, Kazuhide Suyama, Asako Kato, Yukihiko Kawasaki, Mituaki Hosoya, Kei Murayama (Japan)
The Department of Metabolics, Chiba Children's Hospital, Chiba, Japan
- O-198 The diversity of brain MRI in Leigh encephalopathy
Ayumi Endo*, Tadashi Ito, Emiko Momoki, Yuki Kawamura, Wakako Ishii, hikako Arakawa, Ryutarou Kohira, Tatsuo Fuchigami, Yukihiko Fujita, Hideo Mugishima (Japan)
Department of Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan
- O-199 Clinical, pathological and genetic analysis in 308 patients with the mtDNA A3243G mutation
Masakazu Mimaki*, Eri Takeshita, Ichizo Nishino, Ikuya Nonaka, Yu-Ichi Goto (Japan)
Department of Pediatrics, Graduate School of Medicine, University of Tokyo, Tokyo, Japan / Department of Mental Retardation and Birth Defect Research, National Institute of Neuroscience, NCNP, Tokyo, Japan
- O-200 Comparison study of clinical features between the MELAS syndrome with A3243G and other mutations
Reiko Koichihara*, Hirofumi Komaki, Akihiko Ishiyama, Takashi Saito, Yoshiaki Saitou, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki (Japan)
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- O-201 Neuroimaging findings of GLUT1 deficiency syndrome
Shunsuke Ogaya*, Jun Natsume, Hirokazu Oguni, Naoko Ishihara, Yasushi Ito, Satoru Takahashi, Keiko Yanagihara, Kuriko Shimono, Tatsuya Fujii (Japan)
The Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan
- Oral Presentation: Metabolic, degenerative disorder 3**
- O-202 The effect of MCT milk and oil treatment for pyruvate dehydrogenase complex deficiency
Kazutoshi Nakano* (Japan)
Nakano Children's Clinic, Fujimino-city, Saitama, Japan / The Department of Pediatrics, Tokyo, Japan
- O-203 Two siblings with pyruvate dehydrogenase deficiency showed similar MRI findings
Kenji Orii*, Masahiro Morimoto, Hidenori Ohnishi, Yukiko Kasahara, Takahide Teramoto, Zenichiro Kato, Toshiyuki Fukao, Naomi Kondo (Japan)
Neonatal Intensive Care Unit, Graduate School of Medicine, Gifu University, Gifu, Japan
- O-204 The efficacy of pyruvate therapy for PDH E1-alpha deficiency
Sanae Yamazaki*, Sayaka Nakano, Michiko Shinpou, Junji Azuma, Yusuke Hamada, Syouko Iwatani, Kouji Tominaga, Shin Nabatame, Kuriko Shimono, Takeshi Okinaga, Norio Sakai, Toshisaburo Nagai, Keiichi Ozono (Japan)
Department of pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan
- O-205 Domestic surveillance of infantile-onset Pompe disease
Tomonari Awaya*, Shiro Ozasa, Takeo Kato, Tetsuya Kibe, Shigemi Kimura, Yasutoshi Koga, Masayuki Sasaki, Masafumi Sanefuji, Konomi Shimoda, Mitsuo Toyoshima, Ayako Hattori, Yoshiyuki Miwa, Kenji Yokochi, Chihiro Yonee, Ikuya Nonaka (Japan)
Kyoto University Hospital, Kyoto, Japan
- O-206 Electron microscopic analysis in brain of iduronate 2-sulfatase knock-out mouse
Akemi Tanaka* (Japan)
Department of Pediatrics, Osaka City University Graduate School of Medicine, Osaka, Japan

O-207 Efficacy of HSCT vs. ERT on brain involvement in patients with MPS II

Akemi Tanaka*, Takashi Hamazaki, Norio Sakai, Torayuki Okuyama, Yasuyuki Suzuki, Tomo Sawada, Toya Ohashi, Toshihiro Ohura, Hideo Mugishima, Takanobu Otomo (Japan)

Department of Pediatrics, Osaka City University Graduate School of Medicine, Osaka, Japan

O-208 Two cases with mucopolysaccharidosis type VII of different clinical phenotypes

Kanako Yamashita*, Takashi Hamazaki, Akemi Tanaka, Yoko Takeda, Kiyotaka Tomiwa, Haruo Shintaku (Japan)

Department of Pediatrics, Osaka City University Graduate School of Medicine, Osaka, Japan

Oral Presentation: Genetics 1

O-209 Application of disease-specific iPSC cells for investigation of neurological disorders in children

Keiko Shimojima*, Toshiyuki Yamamoto (Japan)

Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

O-210 Pathophysiological analyses of SIL1, a causative gene of Marinesco-Sjogren syndrome

Koh-ichi Nagata*, Yutaka Inaguma, Motomasa Suzuki, Toshiyuki Kumagai (Japan)

Institute for Developmental Research, Aichi Human Service Center, Aichi, Japan

O-211 Alternating hemiplegia of childhood: successful treatment with midazolam, a case report

Atsushi Araki*, Yuko Tanabe, Atsushi Ishii, Shinichi Hirose (Japan)

Department of Pediatrics, Kansai Medical University, Osaka, Japan

O-212 Identifying ATP1A3 in Alternating hemiplegia of childhood and the present state of genetic analysis

Atsushi Ishii*, Yoshiaki Saito, Hidee Arai, Sumimasa Yamashita, Sadami Kimura, Hirokazu Oguni, Toshiro Ikeda, Tsukasa Ohashi, Yoichiro Oda, Hisashi Kawawaki, Masayuki Sasaki, Shinichi Hirose (Japan)

Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan

O-213 The somatic growth failure and its gender effects in patients with neurofibromatosis type 1

Naoki Hirano*, Atsuko Matsuzuka, So-ichi Suenobu, Tatsuro Izumi (Japan)

Department of Pediatrics and Child neurology, Oita University Faculty of Medicine, Oita, Japan

O-214 Phenotypic Spectrum of COL4A1 mutations: Porencephaly to Schizencephaly

Kazuhiro Haginoya*, Mitsuhiro Kato, Hitoshi Osaka, Kenji Yokochi, Hiroshi Arai, Takahiro Wada, Norihisa Koyama, Noriko Kondo, Satoru Takahashi, Shinichi Hirabayashi, Satori Harai, Hirotomo Saito (Japan)

Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Miyagi, Japan

Oral Presentation: Cerebral palsy / conductive education 4

O-215 Matters of the physical disability certificate for the younger less than three years in our center

Masako Isaka*, Mieko Yoshioka (Japan)

Kobe City Pediatric and General Rehabilitation Center for the Challenged, Hyogo, Japan

O-216 The reason why she's gotten a power chair at preschool age, a case of spinal muscular atrophy; SMA

Misaki Sugai*, Masaharu Ohfu, Tsuyoshi Matsuoka, Masato Hiyane, Taichi Uehara (Japan)

Division of Child Neurology, Okinawa Prefectural Nanbu Medical Center, Children's Medical Center, Okinawa, Japan

O-217 Practical survey of severe motor and intellectual disabilities in Yokohama

Takuya Kobayashi*, Hiroki Kouzaki (Japan)

Nokendai Children Clinic, Yokohama, Japan

O-218 Account in day time short stay for severe motor and intellectual disabilities

Hiroki Kouzaki*, Takuya Kobayashi (Japan)

Nokendai Children Clinic, Yokohama, Japan

O-219 Communication tools in patients with SMA type 1: Questionnaire survey to patients' parents in Japan

Yurika Hoshi*, Chiho Sasaki, Naoko Sakai, Yoko Sato, Kazuki Yoshida, Satoshi Sakuraba, Makoto Maki, Shinya Sakai, Mitsuhiro Kato (Japan)

Graduate School of Health Sciences, Hokkaido University, Sapporo, Hokkaido, Japan

O-220 An analysis of factors effect on the body mass index for persons with severe disabilities

Kenji Kihara*, Yoko Kawasaki, Hiroyuki Imanishi, Tomohiro Usuku, Takashi Mito, Satoshi Takada (Japan)

Kobe University Graduate School of Health Sciences, Kobe, Japan / Physical Medicine and Rehabilitation, Nikonikohouse Medical Welfare Center, Kobe, Japan

O-221 Toward better rehabilitation for children with acquired brain injury

Yumiko Usuda*, Mio Watanabe, Takashi Shihara (Japan)

Gunma Children's Medical Center, Gunma, Japan

Oral Presentation: Cerebral palsy / conductive education 5

O-222 The efforts to transfer handicapped infants from NICU to home care through our pediatric department

Eiko Takada*, Mitiaki Nagura, Masanori Tamura (Japan)

The Department of Pediatrics, Saitama Medical Center, Saitama, Japan

O-223 About the present conditions of our hospital's new at-home respiratory child

Sunao Tomita* (Japan)

The Department of Neurology, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan / The Department of child and family support, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan

O-224 A survey focused on the medical service of the short-term stay for patients with SMID

Kazuya Goto*, Shigenori Yamamoto, Ken Miyanomae, Hiromitsu Omori (Japan)
Nishibeppu National Hospital, Division of Pediatrics, Beppu, Japan

O-225 A clinical investigation of profiles of our patients using our short-stay services

Yumi Takahashi*, Kohsuke Ohtsuka, Kazuyori Yagyu, Akashi Ishikawa (Japan)
Department of Pediatrics, Nire-no-kai Child Clinic, Sapporo, Japan

O-226 Model Project to Support SMID Patients Living at Home

Shigenori Yamamoto* (Japan)
NHO Shimoshizu National Hospital, Chiba, Japan

O-227 The efficacy of Squatting Posture for the acquisition of walk in Down syndrome

Shigeru Hanaoka*, Fumie Kimura (Japan)
Tokyo Metropolitan Medical Rehabilitation Center for the Disabled, Tokyo, Japan

Oral Presentation: Tumor

O-228 The pathogenesis and its therapeutic strategy for growth failure in patients with ALL survivors

So-ichi Suenobu*, Tomoko Okamoto, Tatsuo Kakiuchi, Kensuke Akiyoshi, Tatsuro Izumi (Japan)
Division of General Pediatrics and Emergency Medicine, Oita University Faculty of Medicine, Oita, Japan/Department of Pediatrics and Child Neurology

O-229 Recent Changes in Seizures Associated with Childhood Acute Lymphoblastic Leukemia

Yoriko Konishi*, Toshiki Takenouchi, Sachiko Shimozato, Takayuki Mitsuhashi, Takao Takahashi (Japan)
Department of Pediatrics, School of Medicine, Keio University, Tokyo, Japan

O-230 The cognitive development and its disturbance in patients with NB during infancy and childhood

Yosuke Handa*, Tomoko Okamoto, Kensuke Akiyoshi, So-ichi Suenobu, Tatsuro Izumi (Japan)
Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

O-231 Atypical Teratoid/Rhabdoid Tumor (AT/RT) with symptom of eye

Goro Kondo*, Mihoko Kato, Atsuko Ono, Motomasa Suzuki, Kazuya Itomi, Masato Nagasaka (Japan)
Neurosurgery, Aichi Children's Health and Medical Center / Department of Neurosurgery Nagoya University, Graduate School of Medicine, Aichi, Japan

O-232 Surgical Outcomes of Intraventricular Tumors Associated with Suberous Sclerosis

Hiroaki Sakamoto*, Yasuhiro Matsusaka, Ryoko Umaba, Hisashi Kawawaki, Yuzou Terakawa, Naohiro Tsuyuguchi, Kenji Ohata, Haruo Shintaku (Japan)
Department of Pediatric Neurosurgery, Children's Medical Center, Osaka City General Hospital, Osaka, Japan

O-233 Neuropsychological assessment and follow-up of pediatric pineal tumor: a case study

Kana Komatsu*, Yasuo Aihara, Seichiro Eguchi, Ayako Horiba, Hitoshi Dairoku, Yoshikazu Okada (Japan)
Department of Neurosurgery, Tokyo Women's Medical University, Tokyo, Japan

O-234 A case of hypothalamic hamartoma with gelastic seizures and afebrile generalized seizures

Shino Taniguchi*, Takako Matsumoto, Toshiro Maihara (Japan)
Hyogo Prefectural Tsukaguchi Hospital, Hyogo, Japan / Hyogo Children's Hospital, Hyogo, Japan

O-235 Three children with temporal lobe epilepsy associated with dysembryoplastic neuroepithelial tumor

Noriyuki Akasaka*, Takeshi Ohno, Yu Kobayashi, Tsukasa Ohashi, Jun Thoyama, Yousuke Itoh, Hiroshi Shirozu, Hirotsu Murakami, Hiroshi Masuda, Shigeki Kameyama (Japan)
Department of Pediatric Neurology, Epilepsy Center, Nishi-Niigata Chuo National Hospital, Niigata, Japan

Oral Presentation: Neurosurgery / Morphology, pathology / Others

O-236 Diagnosis and management of macrocephaly

Atsuko Harada*, Takumi Yamanaka, Mami Yamasaki, Masahiro Nonaka, Kenjiro Kosaki, Nobuhiko Okamoto, Yukihiko Fujii (Japan)
Department of Pediatric Neurosurgery, Takatsuki General Hospital, Osaka, Japan

O-237 treatment for isolated fourth ventricle

Yasuhiro Matsusaka*, Hiroaki Sakamoto (Japan)
Department of Pediatric Neurosurgery Osaka City General Hospital, Osaka, Japan

O-238 Fetal development of the oculomotor nuclear complex in man: accessory nuclei

Katsuyuki Yamaguchi* (Japan)
Department of Pathology, Dokkyo University School of Medicine, Tochigi, Japan / Department of Pediatrics, Southern Tohoku General Hospital

O-239 Increased expression of GAP43 in interneuron of experimental polymicrogyria

Tomoyuki Takano*, Fukiko Ryujin, Noriko Nishikura, Seiichirou Yoshioka, Yuko Sakaue, Chihiro Sawai, Yoshihiro Takeuchi (Japan)
Department of Pediatrics, Shiga University of Medical Science, Otsu, Japan

O-240 Case report:

Nanae Sato*, Tomoko Okamoto, Chika Goto, Hiroaki Miyahara, Kensuke Akiyoshi, Souichi Suenobu, Tatsuro Izumi (Japan)
Department of pediatrics, Oita university, Oita, Japan

O-241 A nationwide survey on melatonin and ramelteon uses in children

Michio Fukumizu*, Masaharu Hayashi, Tasuku Miyajima, Asayo Ishizaki, Hajime Tanaka, Jun Kohyama (Japan)
Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled, Tokyo, Japan / Japanese Melatonin Consortium

O-242 Infants with brain damage caused by physical abuse can be returned to the parent?

Mitsuko Ishii*, Kasumi Nagasawa, Tomoko Uchida (Japan)
Division of Pediatric Neurology Chiba Rehabilitation Center, Chiba, Japan

Oral Presentation: Malformations, chromosomal abnormalities

O-243 Correlation between chromosomal abnormalities and motor development

Mieko Yoshioka*, Masako Isaka (Japan)

Department of Pediatric Neurology, Kobe City Pediatric and General Rehabilitation Center for the Challenged, Hyogo, Japan

O-244 A case of Mowat-Wilson syndrome with deletion of the ZFX1B region

Shizuka Matsuoka*, Yumi Fujihara, Shigehiro Nagai, Tomoko Kirino, Syoichi Endo, Kenji Kurosawa (Japan)

Department of Neurology, Kagawa National Children's Hospital, Zentsuji, Japan

O-245 Genotype-phenotype correlation study for 1p36 deletion syndrome

Toshiyuki Yamamoto*, Shino Shimada, Keiko Shimojima, Mari Matsuo, Kyoko Hirasawa, Yoshihiro Maegaki, Katsumi Imai, Nobuhiko Okamoto (Japan)

Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

O-246 Efficacy of various drugs on circadian rhythm disorder of Smith-Magenis syndrome in 3cases

Mie Iwakoshi* (Japan)

Department of Healthcare Science, Kobe-Tokai University, Kobe, Japan / Department of Pediatrics, Nishinomiya Municipal Central Hospital, Nishinomiya, Japan/Department of Pediatrics, Osaka Medical College, Takatsuki, Japan

O-247 A case report of porencephaly with COL4A1 gene abnormality distinguished from TORCH syndrome

Kurokawa Daisuke*, Michio Inoue, Hirofumi Ban, Yuichi Takami, Tomohiro Saito (Japan)

The Department of Pediatrics, Himeji Red Cross Hospital, Himeji, Japan

O-248 A case with megalencephaly caused by an AKT3 mutation

Ayako Hattori*, Yutaka Negishi, Takao Togawa, Fuyuki Miya, Naoki Ando, Tetsuya Ito, Tatsuhiko Tsunoda, Yonehiro Kanemura, Mami Yamazaki, Kenjiro Kosaki, Shinji Saitoh (Japan)

Department of Pediatrics and Neonatology, Nagoya City University, Graduate school of Medical Sciences, Nagoya, Japan

O-249 Hypopituitarism in Hallermann-Streiff syndrome: differences from septo-optic dysplasia

Osamu Kobayashi*, Shinniti Utiyama, Hiroaki Miyahara, Kensuke Akiyoshi, Tatsuro Izumi (Japan)

Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita Japan

O-250 Neuropsychological traits in two patients with 2q37-deletion syndrome

Kaeko Ogura*, Chikako Arakawa, Keiko Shimojima, Kenzou Takesita, Toshiyuki Yamamoto (Japan)

Developmental Disability Study Section, Department of Rehabilitation for Brain Functions, Research Institute of National Rehabilitation Center for Persons with Disabilities, Tokorozawa, Japan

Oral Presentation: Vascular disorder

O-251 A case of stroke caused by reversible cerebral vasoconstriction syndrome

Atsuko Oba*, Shin-ichiro Hamano, Ryuki Matuura, Kenjiro Kikuchi, Manabu Tanaka, Motoyuki Minamitani (Japan)

Division of Neurology, Saitama Children's Medical Center, Saitama, Japan

O-252 Two cases with stroke after chickenpox

Takafumi Higashiguchi*, Tetsuzo Tagawa (Japan)

Department of Pediatrics, Osaka Kouseinenkin Hospital, Osaka, Japan

O-253 Multiple Cerebral Aneurysms after Pediatric Myxomatous Stroke

Toshiki Takenouchi*, Sachiko Shimojima, Takao Takahashi (Japan)

Department of Pediatrics, School of Medicine, Keio University, Tokyo, Japan

O-254 Two cases of localized brain infarction caused by benign angiopathy of the central nervous system

Kouji Tagawa*, Toshio Osamura, Hiroshi Kubo, Masafumi Hasegawa, Satoshi Kidowaki, Tadaki Oomae (Japan)

Department of Pediatrics, Kyoto Second Red Cross Hospital, Kyoto, Japan

Oral Presentation: Infectious, immunological disease (excluding acute encephalitis / encephalopathy) 2

O-255 Epidemiology and prognosis of bacterial meningitis in Fukushima from 1987 to 2012

Yukihiko Kawasaki*, Yuichi Suzuki, Kiyoko Ichii, Hiroyuki Morita, Asako Kato, Mitsuaki Hosoya (Japan)

Department of Pediatrics, Fukushima Medical University School of Medicine, Fukushima, Japan

O-256 Importance of pneumococcal pneumonia in children with severe motor and intellectual disabilities

Yu Fujiwara* (Japan)

Department of Pediatrics, Yokohama Minami Kyosai Hospital, Kanagawa, Japan

O-257 Two cases of acute disseminated encephalomyelitis that enforced hypothermia therapy

Hirotsuka Motoi*, Yoshihiro Watanabe, Saoko Takashita (Japan)

University of Yokohama City, Yokohama, Japan

O-258 A case of anti-aquaporin-4 antibody-positive optic neuritis after stem cell transplantation

Yoshiyuki Kobayashi*, Yuji Fujii, Nobutsune Ishikawa (Japan)

Department of Pediatrics, Hiroshima University Hospital, Hiroshima, Japan

O-259 Efficacy of Tacrolimus for ocular myasthenia gravis

Yumi Fujihara*, Shigehiro Nagai, Shizuka Matsuoka, Tomoko Kirino, Shoichi Endo (Japan)

Department of Neurology, Kagawa National Children's Hospital, Zentsuji, Japan

Oral Presentation: Infectious, immunological disease (excluding acute encephalitis / encephalopathy) 3

O-260 Two patients with influenza vaccine-related optic neuritis with anti-phospholipid antibody
Seigo Korematsu*, Tatsuro Izumi (Japan)

Division of Educational Support for Regional Pediatrics, Oita University Faculty of Medicine, Oita, Japan

O-261 Fingolimod therapy for a 17 years girl with multiple sclerosis
Souichi Mukaida*, Naoko Sakai, Rie Suzuki, Kazuhiro Shiraiishi (Japan)

National hospital organization Utano Hospital, Kyoto, Japan

O-262 Rasmussen syndrome in a girl: the tryptophan-column immune adsorption therapy and its efficacy

Atsuko Matsuzuka*, Mayo Ikeuchi, Misaki Nakashima, Naoki Hirano, Hiroaki Miyahara, Seigo Korematsu, Tatsuro Izumii, Yukitoshi Takahashi (Japan)

The Department of Pediatrics and Child Neurology, Oita University, Faculty of Medicine, Oita, Japan

O-263 Seven cases of Anti-NMDA-receptor encephalitis in children

Yuko Taniguchi*, Takanori Yamagata, Takahiro Ikeda, Akihiko Miyauchi, Yukifumi Monden, Masato Mori, Yasuyuki Nozaki, Hideo Sugie, Yukitoshi Takahashi, Mariko Momoi (Japan)

Department of Pediatrics, Jichi Medical University School of Medicine, Tochigi, Japan

Oral Presentation: Genetics 2

O-264 Diagnosis of Fragile X syndrome and related disorders in Japan

Kaori Adachi*, Hideo Sugie, Yuichi Goto, Tsukasa Sasaki, Kousaku Ohno, Eiji Nanba (Japan)

Division of Functional Genomics, Research Center for Bioscience and Technology, Tottori University, Yonago, Japan / Division of Child Neurology, Faculty of Medicine, Tottori University, Yonago, Japan

O-265 Overexpression of p53 in CNS and mesenchymal tissue accelerates progeria in Cockayne syndrome

Hiroaki Miyahara*, Tomoyo Itonaga, Tatsuro Izumi (Japan)

Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

O-266 Brain MRI database for congenital hypomyelinating leukodystrophies

Ken Inoue*, Jun-ichi Takanashi, Hitoshi Osaka, Noriko Sato (Japan)

Department of Mental Retardation & Birth Defect Research, National Institute of Neuroscience, NCNP, Tokyo, Japan

O-267 FISH as a tool in estimating risk of Wilms tumor in the patient with congenital aniridia

Yui Takada*, Yasunari Sakai, Michiko Torio, Natsumi Isobe, Yoshito Ishizaki, Masafumi Sanefuji, Hiroyuki Torisu, Toshiro Hara (Japan)

Japanese Red Cross Fukuoka Hospital, Fukuoka, Japan / Faculty of Medicine, Kyushu University, Fukuoka, Japan

Oral Presentation: Epilepsy, seizure 9

O-268 Modifier effects of CACNA1A variants on epileptic phenotype of Dravet syndrome

Iori Ohmori*, Katsuhiko Kobayashi, Mamoru Ouchida, Yoko Ohtsuka (Japan)

Department of Physiology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan

O-269 Novel missense PCDH19 mutations in a patient with typical PCDH19-related epilepsy

Megumi Hoshina*, Hiroshi Mishima, Tojo Nakayama, Norimichi Higurashi, Shinichi Hirose (Japan)

Department of Pediatrics, Ohara General Hospital, Fukushima, Japan

O-270 A girl presenting with infantile partial epilepsy in an ICCA family with a PRRT2 mutation

Hiroyuki Torisu*, Kyoko Waranabe, Keiko Shimojima, Shino Shimada, Masafumi Sanefuji, Yoshito Ishizaki, Yasunari Sakai, Toshiyuki Yamamoto, Akihisa Okumura, Toshiro Hara (Japan)

Department of Pediatrics, Graduate School of Medicine, Kyushu University, Fukuoka, Japan

O-271 A case with PRRT2 mutation of benign infantile convulsion and paroxysmal kinesinegic dyskinesia

Toshihiko Kohji*, Shino Shimada, Keiko Shimojima, Toshiyuki Yamamoto (Japan)

Department of Pediatrics, Musashino Red Cross Hospital, Tokyo, Japan

O-272 A case of classical GLUT1 deficiency with a mutation in the SLC2A1 gene

Tomoko Kobayashi*, Mitsugu Uematsu, Tojo Nakayama, Naomi Fukuyo, Atsuo Kikuchi, Yuuko Sato, Mituji Moriya, Ryo Sato, Yosuke Kakisaka, Shigeo Kure (Japan)

Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan

O-273 A case of glucose transporter 1 deficiency syndrome with remarkable response to ketogenic diet

Takeshi Matsushige*, Hirofumi Inoue, Madoka Kajimoto, Hiroshi Momonaka, Shunji Hasegawa, Takashi Ichiyama (Japan)

Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan

Oral Presentation: Epilepsy, seizure 10

O-274 Resective surgery for infantile epilepsy with multilobar cortical dysplasia in the posterior cortex

Akio Takahashi*, Taisuke Otsuki, Ryoko Honda, Takashi Saito, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki (Japan)

Department of Neurosurgery, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

O-275 Evaluation of post op. higher brain function and medication for 4 cases with intractable epilepsy

Ayataka Fujimoto*, Takuya Yokota, Hideo Enoki, Takamichi Yamamoto (Japan)

Seirei Hamamatsu General Hospital, Comprehensive Epilepsy Center, Shizuoka, Japan

O-276 The effects of edarabone on electroencephalograms of EL mice

Asami Baba*, Yasuhiko Kawakami, Kenichi Saito, Kentaro Kuwabara, Takehisa Fujita, Osamu Fujino (Japan)

Department of Pediatrics, Nippon Medical School, Tokyo, Japan

O-277 Selective disruption of Scn1a gene in parvalbumin cells causes epileptic seizures and ataxia in mice
Ikuo Ogiwara*, Kazuhiro Yamakawa (Japan)

Laboratory for Neurogenetics, RIKEN Brain Science Institute, Wako, Saitama, Japan

O-278 IL-1beta play a role in causing temporal lobe epilepsy after experimental prolonged febrile seizures
Mitsumasa Fukuda*, Yuka Suzuki, Mika Kawabe, Takehiko Morimoto (Japan)

Department of pediatrics, Ehime University Hospital, Toon, Japan

Oral Presentation: Muscle 2

O-279 Risk factors of cerebral infarction in Duchenne muscular dystrophy

Yusuke Aoki*, Hirohumi Komaki, Akihiko Ishiyama, Takashi Saitou, Yoshiaki Saitou, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki (Japan)

Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

O-280 Pervasive developmental disorder in patients with DMD/BMD assessed by nurses

Saki Shibata*, Yuko Iwata, Haruo Fujino, Manae Funakoshi, Naoko Maeda, Toshio Saito, Tsuyoshi Matsumura, Osamu Imura (Japan)

Graduate School of Human Sciences, Osaka University, Osaka, Japan

O-281 How many Duchenne muscular dystrophy patients are there in Japan?

Mitsuru Kawai* (Japan)

Department of Neurology, NHO Higashisaitama National Hospital, Saitama, Japan

O-282 Steroid Treatment for acute exacerbation of muscle weakness after viral infectious episode in FCMD

Terumi Murakami*, Keiko Ishigaki, Takatoshi Sato, Takashi Saito, Makiko Osawa (Japan)

Department of Pediatrics, School of Medicine, Tokyo Women's Medical University, Tokyo, Japan

O-283 Chronic respiratory failure in patients with Fukuyama congenital muscular dystrophy

Sato Takatoshi*, Keiko Ishigaki, Sachiko Kajino, Takashi Saito, Terumi Murakami, Makoto Funatsuka, Kayoko Saito, Makiko Osawa (Japan)

Department of Pediatrics, School of Medicine, Tokyo Women's Medical University, Tokyo, Japan

O-284 Therapeutic intervention for dysphagia in patients with Fukuyama congenital muscular dystrophy

Keiko Ishigaki*, Terumi Murakami, Takatoshi Sato, Makoto Funatsuka, Yasushi Ito, Ikuko Kato, Takashi Saito, Mutsuki Shioda, Osamu Segawa, Kayoko Saito, Makiko Osawa (Japan)

Department of Pediatrics, Tokyo Women's Medical University, School of Medicine, Tokyo, Japan

Oral Presentation: Muscle 3

O-285 Muscular Dystrophy Clinical Trial Network: To promote clinical research for rare diseases

Reiko Shimizu*, Katsuhisa Ogata, En Kimura, Hirofumi Komaki (Japan)

National Center of Neurology and Psychiatry, Translational Medical Center, Tokyo, Japan / Tokyo Women's Medical University, Department of Pediatrics, Tokyo, Japan

O-286 A patient with mild form of Ullrich congenital muscular dystrophy confirmed by molecular diagnosis

Yukitoshi Ishikawa*, Yuka Ishikawa (Japan)

NHO Yakumo National Hospital, Department of Pediatrics, Yakumo, Japan

O-287 Expression of SMN transcripts in SMA I with SMN1 compound heterozygous mutation

Nobutada Tachi*, Kousuke Sugama, Satoru Takahashi, Kouki Nikaido (Japan)

School of Health Sciences, Sapporo Medical University, Sapporo, Japan

O-288 The utility of 3-Dimensional echocardiography for cardiac assessment in Duchenne muscular dystrophy

Rie Suzuki*, Naoko Sakai, Souichi Mukaida, Kazuhiro Shiraishi (Japan)

The National Hospital Organization Utano Hospital, Kyoto, Japan

O-289 High prevalence of defected SMA gene-copy numbers in medulloblastoma tissue

Kensuke Akiyoshi*, Tatsuro Izumi, Yukitoshi Ishikawa (Japan)

Department of Pediatrics, Oita University, Oita, Japan

O-290 Mitochondrial genetic diagnosis with long PCR, southern blotting and full-length mtDNA sequencing

Eri Takeshita*, Masakazu Mimaki, Ichizo Nishino, Ikuya Nonaka, Yu-ichi Goto (Japan)

Department of Mental Retardation and Birth Defect Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry (NCNP), Tokyo, Japan / Department of laboratory medicine, National Center Hospital, National Center of Neurology and Psychiatry (NCNP), Tokyo, Japan

Oral Presentation: Muscle 4

O-291 Clinical Study of the Childhood Onset Myasthenia Gravis at Nihon University Itabashi Hospital

Wakako Ishii*, Yukihiko Fujita, Kaori Kimura, Emiko Momoki, Yuki Kawamura, Ayumi Endo, Chikako Arakawa, Ryutaro Kohira, Tatsuo Fuchigami (Japan)

Department of Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan

O-292 Molecular biomarker of angiogenesis in neuromuscular disorders

Toshio Saito*, Tsuyoshi Matsumura (Japan)

Division of Child Neurology, Department of Neurology, National Hospital Organization Toneyama National Hospital, Osaka, Japan

O-293 Actigraph as the treatment evaluation of the myopathy for children

Shigemi Kimura*, Shiro Ozasa, Keiko Nomura, Hirohumi Kosuge (Japan)

Department of Child Development, Kumamoto University Graduate School, Kumamoto, Japan

O-294 Paramyotonia Congenita treated with topiramate

Yoshie Kurokawa*, Takanori Yamagata, Akihiko Miyauchi, Tomoyuki Ishii, Masato Mori, Hideo Sugie, Mariko Momoi (Japan)

Department of Pediatrics, Jichi Medical University, Tochigi, Japan

O-295 The clinical characterizations and supplement therapy of selenium-deficient specific disorders

Kazuhito Sekiguchi*, Seigo Korematsu, Tatsuro Izumi (Japan)

The department of pediatrics and child neurology, Oita university faculty of medicine, Oita, Japan

Oral Presentation: Metabolic, degenerative disorder 4

O-296 Neuropathology of a long survived case of childhood cerebral ALD, comparison with a surviving case

Konomi Shimoda*, Satoko Kumada, Ikuko Shirai, Emi Kasai, Yasuo Hachiya, Eiji Kurihara (Japan)

Neuropediatrics, Tokyo Metropolitan neurological Hospital, Japan / Department of Pediatrics, The University of Tokyo Hospital, Tokyo, Japan

O-297 Effects of intracerebroventricular administration of cyclodextrin for Niemann-Pick Type C disease

Muneaki Matsuo*, Daisuke Tajima (Japan)

Saga University, Saga, Japan

O-298 Chaperone therapy with ambroxol for neuronopathic Gaucher disease

Aya Narita*, Shinji Itamura, Kentarou Shirai, Norika Kubota, Rumiko Takayama, Yukitoshi Takahashi, Yoshihiro Maegaki,

Yoshiyuki Suzuki, Kousaku Ohno (Japan)

Division of Child Neurology, Tottori University Faculty of Medicine, Tottori, Japan

O-299 Chaperone therapy for GM1-gangliosidosis

Eiji Nanba*, Kaori Adachi, Kosaku Ohno, Yoshiyuki Suzuki (Japan)

Division of Functional Genomics, Research Center for Bioscience and Technology, Tottori University, Yonago, Japan / Clinical Genetics,

Tottori University Hospital, Yonago, Japan

O-300 Investigation of prognosis with neurological and hematological Wilson disease

Hiroe Konishi*, Misako Suzuki, Ayako Ogawa, Norikazu Shimizu, Takashi Sekine, Yumi Sugawara, Shinichi Kuriyama, Tsugutoshi Aoki (Japan)

The Department of Pediatrics, Toho University Ohashi Medical Center, Tokyo, Japan

Oral Presentation: Acute encephalitis / encephalopathy 5

O-301 Severe prognosis in Familial ANE patients without RANBP2 mutation: Case report and literature review

Naoko Nishimura*, Yoshihisa Higuchi, Makiko Iguchi, Nobusuke Kimura, Fumihito Nozaki, Tomohiro Kumada, Tatsuya Fujii,

Ai Hoshino, Makiko Saitoh, Masashi Mizuguchi (Japan)

Department of Pediatrics, Japanese Red Cross Otsu Hospital, Shiga, Japan

O-302 Genetic background in Japanese patients with acute necrotizing encephalopathy

Ai Hoshino*, Makiko Saitoh, Masaya Kubota, Junich Takanashi, Mitsuo Toyoshima, Akie Miyamoto, Akihisa Okumura,

Masashi Mizuguchi (Japan)

Department of Developmental Medical Sciences, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

O-303 Efficacy of cyclosporine therapy for acute encephalopathy with febrile convulsive status epilepticus

Yoshihiro Watanabe*, Hiroataka Motoi, Yoshitaka Ooyama, Saoko Takeshita (Japan)

Department of Pediatrics, Yokohama City University Medical Center, Yokohama, Tokyo, Japan

O-304 Utility of EEG amplitude spectral analysis in diagnosis of febrile convulsion and AESD

Sooyoung Lee*, Hiroyuki Torisu, Yoshito Ishizaki, Masafumi Sanefuji, Yasunari Sakai, Toshiro Hara (Japan)

Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

O-305 Amplitude spectral analysis of continuous EEG monitoring of AESD patient

Sooyoung Lee*, Hiroyuki Torisu, Yoshito Ishizaki, Masafumi Sanefuji, Yasunari Sakai, Toshiro Hara (Japan)

Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

O-306 Assessment of treatment effect on status epilepticus with acute encephalopathy, encephalitis and FSE

Chizu Oba*, Mituru Kashiwagi, Takuya Tanabe, Takeshi Ueno, Shinya Murata, Hiroshi Tamai (Japan)

Hirakata City Hospital, Osaka, Japan

Oral Presentation: Acute encephalitis / encephalopathy 6

O-307 SPECT of B type acute encephalopathy

Takeshi Tsuji*, Akihisa Okumura, Yosuke Hosokawa, Toru Kato, Tatsuya Fukasawa, Tetsuo Kubota, Seiko Itomi, Motomasa Suzuki,

Fumio Hayakawa, Naoki Ando, Shinji Saito, Jun Natsume (Japan)

Department of Pediatrics, Okazaki City Hospital, Okazaki, Japan

O-308 A study of diagnosis and outcome in 9 children with suspected HSES

Tsukasa Tanaka*, Masahiro Nishiyama, Kyoko Fujita, Azusa Maruyama, Hiroaki Nagase (Japan)

The Department of Neurology, Hyogo Children's Hospital, Kobe, Japan / The Department of Emergency Medicine, Hyogo Children's Hospital, Kobe, Japan

O-309 Multicystic encephalomalacia complicating Isolated sulfite oxidase deficiency

Namiko Kawai*, Yoshina Kinouti, Yoshiko Kurashige, Masaki Takayanagi, Taku Omata (Japan)

Chiba Childre's Hospital, Chiba, Japan

O-310 Repeatedly appearing form of MERS: A case report

Kaori Sassa*, Yuichi Abe, Kazumi Baba, Kunio Hirasawa, Hideo Yamanouchi (Japan)

Department of Pediatrics, Saitama Medical University School of Medicine, Saitama, Japan

O-311 Bilateral white matter lesions followed by a reversible splenial lesion: rethinking MERS

Tetsuo Kubota*, Yoko Sakaguchi, Tatsuya Fukasawa, Tamiko Negoro (Japan)

Department of Pediatrics, Anjo Kosei Hospital, Anjo, Japan

Oral Presentation: Acute encephalitis / encephalopathy 7

- O-312 Long-term outcomes of recurrent acute encephalopathy with febrile convulsive status epilepticus
Gaku Yamanaka*, Mika Takeshita, Shinichiro Morichi, Yu Ishida, Yasuyuki Morishima, Kazunori Suzuki, Kawashima Hisashi, Tasaku Miyajima, Akinori Hoshika (Japan)
Department of Pediatrics, Tokyo Medical University, Tokyo, Japan
- O-313 regularly evaluate training for acute encephalopathy sequelae with higher brain dysfunction
Atsushi Shishido*, Mana Kurihara, Manabu Yoshihashi, Hiroyuki Fujita, Tositaka Kohagisawa, Hiroyuki Ida (Japan)
Department of Pediatrics, The Kanagawa Rehabilitation Center / Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan
- O-314 Clinical study of high dose erythropoietin in patients with acute encephalitis and encephalopathy
Ichihiro Kuki*, Hisashi Kawawaki, Shin Okazaki, Hitomi Tsuji, Asako Horino, Takeshi Inoue, Megumi Nukui, Kiyoko Amo, Masao Togawa, Jyunichi Ishikawa, Kiyotaka Tomiwa, Masashi Shiomi (Japan)
The Department of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan
- O-315 Post-encephalitic/encephalopathic cases with epileptic spasms
Hitomi Tsuji*, Hisashi Kawawaki, Asako Horino, Takeshi Inoue, Megumi Nukui, Itirou Kuki, Shin Okazaki, Kiyotaka Tomiwa, Kiyoko Amou, Masao Togawa, Masashi Shiomi (Japan)
Department of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan
- O-316 Seizure types of epilepsy after acute encephalopathy with bright tree appearance
Yuji Ito*, Hiroyuki Yamamoto, Naoko Ishihara, Kaori Aiba, Motomasa Suzuki, Tetsuo Kubota, Kenji Tuji, Humio Hayakawa, Akihisa Okumura, Shinji Saito, Tamiko Negoro, Kazuyoshi Watanabe, Jun Natsume (Japan)
Department of Pediatric Neurology, Toyota City Children's Developmental Center, Aichi, Japan
- O-317 Risk factor of epilepsy in acute encephalopathy with bright tree appearance and laboratory finding
Junji Azuma*, Sanae Yamazaki, Michiko Shinpo, Sayaka Nakano, Yoshiko Iwatani, Koji Tominaga, Shin Nabatame, Kuriko Shimono, Takeshi Okinaga, Toshisaburo Nagai, Keiichi Ozono (Japan)
Department of pediatrics, Osaka University Graduate School of Medicine / Osaka University Hospital Epilepsy Center, Osaka, Japan

Poster Presentation: Developmental disorder / examination – Developmental disorder / conductive education and support

- P-001 Executive function tests in childhood: Correlations between test scores by age groups
Kousuke Nakano*, Tatsuya Ogino, Kiyoko Watanabe, Yoko Ohtsuka, Makio Oka (Japan)
Department of Pediatrics, Matsuyama Red Cross Hospital, Matsuyama, Japan
- P-002 Usefulness of oxidative stress markers to distinguish PDD from AD/HD
Masao Kawatani*, Genrei Ohta, Hiroshi Kometani, Yusei Ohshima, Michio Hiratani, Akemi Tomoda, Hirokazu Tsukahara (Japan)
Department of Pediatrics, Faculty of Medical Sciences, University of Fukui, Fukui, Japan
- P-003 Cognitive characteristics in children with AD/HD according to DSM-V new draft classification
Yoko Kado*, Satoshi Sanada, Masafumi Yanagihara, Tatsuya Ogino, Shigeru Ohno, Kiyoko Watanabe, Kousuke Nakano, Teruko Morooka, Makio Oka, Katsuhiro Kobayashi (Japan)
Department of Psychology, Faculty of Letters, Kansai University, Osaka, Japan
- P-004 Survey of developmental pediatrics outpatient hospital using PARS
Mina Horiya*, Hiroto Akaike, Eisuke Kondo (Japan)
Department of Pediatrics, Kawasaki Medical School, Okayama, Japan
- P-005 Genetic analysis in the developmental disorder with intellectual disability
Shigehiro Nagai*, Eiji Nakagawa, Eri Takeshita, Yu-ichi Goto (Japan)
National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- P-006 Study for the frontal lobe function using by NIRS in relation to the autistic behavior
Taemi Niimi*, Yuji Inaba, Shoko Yamauchi, Mitsuo Motobayashi, Takafumi Nishimura, Naoko Shiba (Japan)
Department of Pediatrics, Shinshu University School of Medicine, Nagano, Japan
- P-007 The qualitative differences of word reading in schoolage children
Hitoshi Uchiyama*, Ayumi Seki, Daisuke Tanaka, Yukiyasu Yaguchi, Hisakazu Yanaka, Takahiro Niida, Tatsuya Koeda (Japan)
School of Health Sciences, International University of Health and Welfare, Ohtawara, Japan
- P-008 Correlation between reflection-impulsivity and development in five to six years by using MFF Test
Noriko Yamakawa*, Noriko Sugino, Shigeki Tanaka, Masatoshi Kawai, Hatsumi Yamamoto (Japan)
Pediatrics, Mie-Chuo Medical Center, National Hospital Organization, Tsu, Japan
- P-009 Efficacy of Methylphenidate in ADHD Child on Summer Treatment Program
Masayuki Nakashima*, Yushiro Yamashita, Toyojiro Matsuishi (Japan)
Chikugo City Hospital, Chikugo, Japan / Department of Pediatrics and Child Health Kurume University school of Medicine, Kurume, Japan
- P-010 Usefulness of the picture cards in vaccination for children with autism spectrum disorder
Toko Mori*, Toshisaburo Nagai, Emi Furukawa, Yuta Koto (Japan)
Course of Health Science, Osaka University Graduate School of Medicine, Osaka, Japan
- P-011 Experience of the medical care using social stories and comic strip conversation
Kazue Takagi* (Japan)
Habilitation and Consultation Center for child and Adolescent, Kanagawa, Japan
- P-012 habilitation lessons for preschool children with developmental disorders
Machiko Hosoya* (Japan)
Saku Central Hospital, Nagano, Japan

P-013 Training for the Coordinators of Developmental Disorders in Kumamoto City

Yoshinobu Ootani*, Kyouko Nakamura (Japan)

Child Development Support Center, Kumamoto City, Japan

P-014 Rehabilitation of visual selective attention for a child born with extremely low birth weight

Mekumi Mizuta*, Tomohito Okumura, Naoko Kurimoto, Takashi Takeshita, Miho Hukui, Eiji Wakamiya, Hiroshi Tamai (Japan)

Osaka Medical College, LDcenter, Osaka, Japan

P-015 Neurodevelopmental evaluation and support assessments in children with congenital heart disease

Yuka Suzuki*, Kaori Hino, Kozue Kuwaabra, Takehiko Morimoto, Mika Kawabe, Mitsunari Fukuda (Japan)

Community Emergency Medicine, Ehime University, Ehime, Japan / Department of Pediatrics, Yawatahama City General Hospital, Ehime, Japan

P-016 Low dose L-dopa contribute on cognitive improvement and language acquisition in an autistic girl

Genkichi Izumi*, Kyouko Hoshino, Sachiyo Arai (Japan)

Department of Pediatrics, NHO Minamiwakayama Medical Center, Wakayama, Japan

P-017 Investigation of the introduction time of children with developmental disorders to the hospital

Hiroshi Isumu*, Naoko Ishikawa, Hironori Matsufuji, Yoko Sugio, Takashi Ichiyama, Yoshitsugu Sugio (Japan)

Tsuzumigaura Handicapped Children's Hospital, Yamaguchi, Japan

P-018 Analysis of visit discontinuance cases to our developmental disorder outpatient clinic

Kanao Nakano* (Japan)

Pediatrics, Rokko Island Kohnan Hospital, Kobe, Hyogo, Japan

P-019 Changes of occupational performance ability of high-school students in the Creating a place Project

Hiroko Sasagawa*, Satoshi Takada, Kaoru Tsuji, Taro Ohtoshi (Japan)

Graduate School of Health Sciences Kobe University, Kobe, Japan

P-020 A PDD case revealed marvelous change in music therapy with Low dose L-dopa therapy; a case report

Urara Komatsubara*, Kyoko Hoshino (Japan)

MinamiWakayama Medical Center Music Therapy, Tanabe, Wakayama, Japan

P-021 Interregional comparison of support systems for developmental disorders in Japan: the second report

Kaeko Ogura*, Yasoichi Nakajima (Japan)

*Developmental Disability Study Section, Department of Rehabilitation for Brain Functions, Research Institute of National Rehabilitation Center for Persons with Disabilities, Tokorozawa, Japan***Poster Presentation: Epilepsy, seizure 1**

P-022 The proposal of a Higashi-Katsushika version epilepsy Quality of Life (QOL) questionnaire

Tomohiro Nakayama*, Naoko Nakayama, Yoshihide Iwakawa, Hiroshi Maruyama (Japan)

Department of Pediatrics, Matsudo Clinic, Chiba, Japan

P-023 Risk of seizure recurrence after a first unprovoked seizure in children

Yuichi Takami*, Michio Inoue, Daisuke Kurokawa, Hirofumi Ban (Japan)

Department of Pediatrics, Himeji Red Cross Hospital, Himeji, Hyogo, Japan

P-024 Twelve cases with paroxysmal kinesigenic choreoathetosis

Takeshi Ono*, Yu Kobayashi, Tsukasa Ohashi, Noriyuki Akasaka, Jun Tohyama, Mutsuo Sasagawa, Toshiyuki Yamamoto (Japan)

Department of Pediatrics, Nishi-Niigata Chuo National Hospital, Niigata, Japan

P-025 Long-term course of glucose transporter 1 deficiency syndrome – 14 cases study

Shin Nabatame*, Kuriko Shimono, Natsuko Hashimoto, Sanae Yamazaki, Michiko Shinpou, Sayaka Nakano, Junji Azuma, Yoshiko Iwatani, Kouji Tominaga, Takeshi Okinaga, Keiko Yanagihara, Toshisaburo Nagai, Keiichi Ozono (Japan)

Department of Pediatrics, Osaka University, Graduate School of Medicine, Suita, Osaka, Japan

P-026 Clinical characterizations of childhood photosensitive occipital lobe epilepsy

Oyama Ryusuke*, Seigo Korematsu, Tatsuro Izumi (Japan)

Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

P-027 Association among febrile seizure, hemoglobin and platelet

Eisuke Kondo*, Hiroto Akaike, Mina Horiya, Athushi Kato, Hiroki Fujimoto (Japan)

Kawasaki Medical School, Okayama, Japan

P-028 Efficacy of Small Dose Topiramate with ACTH Therapy in a Patient with Symptomatic West Syndrome

Azusa Oshiro*, Kunihito Tamashiro (Japan)

Department of Pediatrics, Faculty of Medicine, University of the Ryukyus, Okinawa, Japan

P-029 Long-term outcome and physiology in West syndrome with favorable intelligence at 5 years of age

Mihoko Matsuzaki*, Misa Asai, Makiko Osawa (Japan)

Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan / Nakagawa-No-Sato, Hospital for the Disabled, Saitama, Japan

P-030 Study of West syndrome, which ended ACTH therapy without tapering

Kazuo Kodama*, Taku Omata, Hidee Arai, Yuzo Tanabe (Japan)

Division of Child Neurology, Chiba Children's Hospital, Chiba, Japan

P-031 The serial MRS study of 2 cases with symptomatic West syndrome

Atsushi Imamura*, Naoki Matsuo, Emiko Kojima, Kanao Maruta (Japan)

The Department of Pediatrics, Gifu General Medical Center, Gifu, Japan

P-032 Electrophysiological properties of CACNA1A mutations in patients with Dravet syndrome

Iori Ohmori*, Mamoru Ohuchida (Japan)

Department of Physiology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan

P-033 Two cases of Dravet syndrome treated with levetiracetam

Atsuko Nakagawa*, Sora Okita, Yoshinori Oyazato, Atsushi Nishiyama, Masao Adachi (Japan)
The Department of Pediatrics, Kakogawa West City Hospital, Kakogawa City Hospital Organization, Hyogo, Japan

P-034 Analysis of the blood test findings in infantile convulsions with gastroenteritis

Keiji Soebijanto*, Pinfii Chong, Reina Ogata, Ryutaro Kira (Japan)
Department of Pediatric Neurology, Fukuoka Children Hospital, Fukuoka, Japan

P-035 Preventive medication of carbamazepine for repeat convulsions with mild gastroenteritis

Michio Inoue*, Daisuke Kurokawa, Hirofumi Ban, Yuichi Takami (Japan)
Department of Pediatrics, Himeji Red Cross Hospital, Hyogo, Japan

P-036 Epileptic and neurological courses of patients with STXBPI-related encephalopathy

Yuki Ueda*, Katsumi Imai, Mamiko Hotate, Tokito Yamaguchi, Hirosato Nasu, Rumiko Takayama, Hideyuki Ohtani, Hiroko Ikeda, Hideo Shigematsu, Yukitoshi Takahashi, Yushi Inoue, Keiko Shimojima, Toshiyuki Yamamoto (Japan)
National Epilepsy Center Shizuoka institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

P-037 Blink-induced photoparoxysmal response in a girl

Yoshiaki Saito*, Yuko Matsuda, Hirofumi Komaki, Akihiko Ishiyama, Takashi Saito, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Akiko Miyata (Japan)
Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan

P-038 A clustering of convulsions due to hypocalcaemia in an one-month-old boy with aseptic meningitis

Kana Ogawa*, Yasuhiro Suzuki (Japan)
Department of Pediatrics, Osaka Emergency Hospital, Osaka, Japan/Department of Pediatric Neurology, Osaka Medical Center And Reserch Insitute For Maternal And Child Health, Osaka, Japan

P-039 A girl case of pericallosal lipoma with severe psychomotor retardation and refractory epilepsy

Mayumi Yamamoto*, Wataru Jinnai, Tomoko Nishida, Yukihiko Konishi, Susumu Itoh (Japan)
Department of Pediatrics, Uchinomi Hospital, Kagawa, Japan

P-040 A case of congenital ichthyosiform erythroderma presenting with central nervous system involvements

Yusuke Goto*, Kazuo Hatakeyama, Masao Aihara (Japan)
Department of Pediatrics, Yamanashi Prefectural Central Hospital, Yamanashi, Japan/Department of Pediatrics, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan

P-041 Transient seizure-related MRI abnormalities with Epstein-Barr virus infection

Tae Kamakura*, Akiyoshi Hiraki, Masahiro Kikuchi (Japan)
Hitachi General Hospital, Ibaraki, Japan

P-042 Epileptic seizures in infants with neonatal total asphyxia

Yuri Sakaguchi*, Sunao Tomita, Tomohide Goto, Yoji Ikuta, Hiromi Arai, Tomohiro Arakuma, Sahoko Miyama (Japan)
Division of Neurology, Tokyo Metropolitan Children Medical Center, Tokyo, Japan

P-043 The two cases with acquired epileptiform opercular syndrome

Hidetsugu Nakatsukasa*, Mutsuki Shioda, Yoshiko Hirano, Keiko Ishigaki, Makoto Funatsuka, Hirokazu Oguni, Makiko Osawa (Japan)
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

P-044 A case with Panayiotopoulos syndrome developing continuous spikes and waves during slow sleep

Yoshiko Hirano*, Hirokazu Oguni, Makiko Osawa (Japan)
Department of pediatrics, Tokyo Women's Medical University School of Medicine, Tokyo, Japan

P-045 A case report of XLAG: the basic pathogenesis of intractable epileptic seizures

Mayo Ikeuchi*, Naho Abe, Kazuhito Sekiguchi, Tomoki Maeda, Tatsuro Izumi (Japan)
Department of Pediatrics, Oita university, Oita, Japan

P-046 A case of bacterial meningitis with burst wave of local onset in ictal EEG

Hisako Yamamoto*, Yusaku Miyamoto, Shuji Hashimoto, Miho Fukuda, Natsuko Arai, Noriko Udagawa, Hiroshi Murakami, Hitoshi Yamamoto (Japan)
Department of Pediatrics, Kawasaki Tama Municipal Hospital, Kawasaki, Japan / Department of Pediatrics, St. Marianna University School of Medicine Hospital, Kawasaki, Japan

Poster Presentation: Developmental disorder / general

P-047 Long term effectiveness of Low dose L-dopa (0.5mg/kg) therapy for Autistic children

Kyoko Hoshino, Yukiko Isono, Yuri Nagao, Kazue Kimura, Kei Hachimori, Yoshiko Nomura, Masaya Segawa (Japan)
Segawa Neurological Clinic for Children, Tokyo, Japan / Minamiwakayama Medical Center, Wakayama, Japan

P-048 Study of the effects of drug treatment for ADHD on the sleep: assessment by actigraph

Akiko Araki*, Akie Okayama, Nao Suzuki, Naoya Matsumoto, Satiru Takahashi, Hiroshi Azuma (Japan)
Department of pediatrics, Asahikawa Medical University, Asahikawa, Japan

P-049 Twenty year-old ADHD male diagnosed as Narcolepsy

Kumi Kato* (Japan)
Ota Memorial Sleep Center, Kanagawa, Japan

P-050 Background and Atomoxetine's Effect and Safety in under or over 12 years of Japanese ADHD children

Yuko Hirata*, Yasushi Takita, Hiroyoshi Yamazaki, Michihiro Takahashi (Japan)
Medical Sciences, Eli Lilly Japan K.K., Tokyo, Japan

P-051 Analysis of Patients who visited Mental Health Division for Children of Shimane University Hospital

Kazuko Kishi*, Rei Wake, Yuri Uchida, Hitoshi Sejima, Jun Mine, Seiji Yamaguchi (Japan)
Department of Pediatrics, Shimane University, Shimane, Japan

P-052 Relationship of AD/HD and developmental prognosis of Acquired Idiopathic Microcephaly

Shunji Kita*, Yoshihiro Maegaki, Kousaku Ohno (Japan)

Department of Pediatrics, Dokkyo Medical University Koshigaya Hospital, Saitama, Japan / Division of Child Neurology, Tottori University Hospital, Tottori, Japan

P-053 Sleeping problems in children with autism spectrum disorders

Ikuko Hirata*, Ayano Kuwada, Masaya Tachibana, Kumi Kato, Kuriko Shimono, Ikuko Mohri, Masako Taniike, Keiichi Ozono (Japan)

Department Of Pediatrics, Osaka University, Osaka, Japan / Osaka University Graduate School of Medicine Molecular Research Center for Children's Mental Development of Pediatrics, Osaka, Japan

P-054 The questionnaire study about obesity in children with high functioning autism spectrum disorder

Yoshifumi Mizuno*, Taishi Miyachi, Tomoko Asai, Masayuki Imaeda, Shinzi Saito (Japan)

Department of Pediatrics, Nagoya City West Medical Center, Nagoya, Japan

P-055 Hypersomnia during early adolescence is often combined with developmental disorders

Ayano Kuwada*, Ikuko Hirata, Masaya Tachibana, Shihoko Kimura, Kuriko Shimono, Ikuko Mohri, Masako Taniike (Japan)

United Graduate School of Child Development, Osaka University, Suita, Japan / Department of Pediatrics, Osaka University Graduate School of Medicine, Suita, Japan

P-056 Long-term intranasal oxytocin to early adolescent boys with autism spectrum disorders

Masaya Tachibana*, Ikuko Hirata, Ayano Kuwada, Tomoka Yamamoto, Wakako Sanefuji, Ayumi Nakamura, Masako Oishi, Kuriko

Shimono, Ikuko Mohri, Tatsushi Onaka, Tadashi Kimura, Keiichi Ozono, Masako Taniike (Japan)

United Graduate School of Child Development, Osaka University, Suita, Japan / Department of Pediatrics, Graduate School of Medicine, Osaka University, Suita, Japan

P-057 Change by the age of DQ/IQ of the autistic spectrum disorder patients

Harumi Goto*, Tamako Goto, Reiko Fujino (Japan)

Department of Pediatrics, Himawari Gakuen Comprehensive Rehabilitation Center for Disabled Children, Saitama, Japan

P-058 Study of Hypersensitivity in Autistic Spectrum Disorders

Miyuki Takano*, Ayaka Tano (Japan)

Department of Special Needs Education, Hyogo University of Teacher Education, Hyogo, Japan

P-059 The midterm results; a follow-up study on development of infants with very low birth weight

Keisuke Wakusawa*, Ritsuko Takahashi, Chieko Nara, Shigeo Kure (Japan)

Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Sendai, Japan

P-060 Oxidative stress in autism spectrum disorder

Naoyuki Tanuma*, Rie Miyata, Masaharu Hayashi (Japan)

Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled, Tokyo, Japan

P-061 The abilities of mental rotation and visual perspective taking in individuals with Williams Syndrome

Masahiro Hirai*, Miho Nakamura, Naoko Kurahashi, Yukako Muramatsu, Hirokazu Kurahashi, Seiji Mizuno (Japan)

Institute for Developmental Research, Aichi Human Service Center, Aichi, Japan

P-062 Autism Spectrum Disorder is related to ER stress induced by mutations in GPR37

Karin Kojima*, F. Eriko Jimbo, Takanori Yamagata, Masato Mori, Y. Mariko Momoi (Japan)

Department of Pediatrics, Jichi Medical University, Tochigi, Japan

P-063 Aggression and antisocial behavior in patients with development disability

Yukiko Nakamura*, Makiko Shimazaki, Yumiko Komatsu, Eiko Nakano, Yuichiro Matsuoka, Yohane Miyata, Akira Oka (Japan)

Department of Pediatrics, University of Kyorin, Tokyo, Japan

P-064 Showing catch-up of intellectual function in PDD children around entering primary school

Mai Kuroda*, Shin-Ichiro Hamano, Yuri Narita, Motoyuki Minamitani, Manabu Tanaka, Kenjiro Kikuchi (Japan)

Division of Psychology, Center for Child Health and Human Development, Saitama Children's Medical Center, Saitama, Japan

P-065 School refusal and developmental disorders in childhood: the second report

Akie Okayama*, Nao Suzuki, Naoya Matsumoto, Akiko Araki, Satoru Takahashi, Hiroshi Azuma (Japan)

Department of Pediatrics, Asahikawa Medical University, Hokkaido, Japan

P-066 Prescription drug in Japanese children with attention deficit hyperactivity disorder by comorbidity

Taku Obara*, Shinichi Kuriyama (Japan)

Tohoku Medical Megabank Organization, Sendai, Japan / Department of Molecular Epidemiology, Tohoku University Graduate school of Medicine, Sendai, Japan / Department of Pharmaceutical Sciences, Tohoku University Hospital, Sendai, Japan

P-067 Effects of ADHD medication for ADHD children with voiding dysfunction

Daisuke Tajima*, Muneaki Matsuo (Japan)

The Department of Pediatrics, Faculty of Medicine, University of Saga, Saga, Japan

P-068 The present condition of psychiatric medicine for developmental disorders in our institute

Jun Shimizu*, Noriko Oguro (Japan)

Department of Pediatrics, Tochigi Rehabilitation Center, Tochigi, Japan

P-069 Case Examination of the developmental disorders in school age which passed the infant health checkups

Yuko Sakaue*, Chihiro Sawai, Seiichiro Yoshioka, Noriko Nishikura, Hukiko Ryuujinn, Tomoyuki Takano, Masako Okada, Yoshihiro

Takeuchi (Japan)

*Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan***Poster Presentation: Malformations, chromosomal abnormalities – Development**

P-070 Dentato-olivary dysplasia and marbled state in a case of 18 trisomy

Yumi Okoshi*, Masaharu Hayashi, Masao Morita (Japan)

The Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled / Tokyo Metropolitan Institute of Medical Science, Japan

- P-071 A girl of atretic cephalocele with periventricular nodular heterotopia
Genrei Ohta*, Hiroshi Kometani, Masao Kawatani, Yusei Ohshima (Japan)
The Department of Pediatrics, University of Fukui, Fukui, Japan
- P-072 A novel mutation of the SETBP1 gene in Japanese infant with Schinzel-Giedion syndrome
Akihito Takeuchi*, Nobuhiko Okamoto (Japan)
Division of Neonatology, Okayama Medical Center, Okayama, Japan
- P-073 Case report;lumbosacral dermal sinus with bacterial meningitis
Shizuko Terada* (Japan)
National Hospital Organization Osaka National Hospital
- P-074 A case with 2q31.1 deletion syndrome detected by DNA microarray technology
Yo Niida*, Mondo Kuroda, Yusuke Mitani, Ayano Yokoi, Iku Ikeno (Japan)
Center for Medical Genetics, Kanazawa Medical University Hospital, Ishikawa, Japan
- P-075 A case of chromosome 14 abnormality with dysphagia and atelectasis in infancy
Chika Hosoda*, Norika Kubota, Yasuko Tokita, Kyouko Saitou, Hitoshi Sejima, Kazuyuki Nakamura, Masami Togawa, Kousaku Ohno (Japan)
Department of Pediatrics, National Hospital Organization, Matsue Medical Center, Shimane, Japan
- P-076 A neonate of Chiari 3 malformation
Yukako Ise*, Seiitrou Yoshioka, Fukiko Ryujin, Noriko Nishikura, Tomoyuki Takano, Yoshihiro Takeuchi (Japan)
Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan
- P-077 A case report of 17p13.3 duplication syndrome
Ikuko Ohashi*, Yukiko Kuroda, Kenji Kurosawa, Takahito Wada, Hitoshi Osaka (Japan)
Division of Medical Genetics, Kanagawa Children's Medical Center, Kanagawa, Japan
- P-078 An arthrogyroses case with dismorphism, growth failure, developmental delay and hypercalcemia
Michiko Torio*, Hiroyuki Torisu, Yasunari Sakai, Natsumi Isobe, Yoshito Ishizaki, Masafumi Sanefuji, Toshiro Hara (Japan)
Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan
- P-079 Clinical course analysis of patients with Spina Bifida
Yusuke Mitani*, Ayano Yokoi, Mondo Kuroda, Yo Niida (Japan)
Department of Pediatrics, Kanazawa University, Ishikawa, Japan
- P-080 Prevalence rate of porencephaly, hydroanencephaly and schizencephaly in Miyagi prefecture, Japan
Naomi Hino-Fukuyo*, Noriko Togashi, Ritsuko Takahashi, Hiroto Saito, Kazuhiro Haginoya (Japan)
The Department of pediatrics, University of Tohoku, Sendai, Japan
- P-081 MLPA analysis for the mutation screening in patients with lissencephaly/subcortical band heterotopia
Takahashi Nobuya*, Mituhiro Kato, Akiko Abe, Kiyoshi Hayasaka (Japan)
Department of Pediatrics, University of Yamagata, Yamagata, Japan
- P-082 Two case series of 18q- syndrome diagnosed from the characteristic brain MRI findings
Keisuke Nakajima*, Kentarou Shirai, Satoshi Araki, Sinpei Baba, Kengo Moriyama, Setsuko Kaneko, Yuuji Sugawara (Japan)
Tokyo Medical and Dental University, Tokyo, Japan
- P-083 Osmotic insensitivity and its clinical implication in 5 patients with holoprosencephaly
Misaki Nakashima*, Kazuhito Sekiguchi, Miki Shimizu, Tomoki Maeda, Seigo Korematsu, Tatsuro Izumi (Japan)
Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Yufu, Japan
- P-084 Head MRI findings of three cases of premature chromatid separation syndrome
Mari Sugimoto*, Kaori Aiba, Norihisa Koyama, Taku Komata, Kenji Yokochi (Japan)
Toyohashi Municipal Hospital, Aichi, Japan
- P-085 A case of Turner's syndrome with epilepsy and mental retardation
Kazushi Ichikawa* (Japan)
Department of Pediatrics, Odawara Municipal Hospital, Odawara, Japan
- P-086 Study of developmental prognosis in Aicardi syndrome
Yuuko Matsuda*, Eiji Nakagawa, Akihiko Ishiyama, Takashi Saitou, Yoshiaki Saitou, Hirohumi Komaki, Kenji Sugai, Masayuki Sasaki (Japan)
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- P-087 A case of Nager syndrome with congenital agenesis of internal carotid artery
Pin Fee Chong*, Reina Ogata, Keiji Soebijanto, Ryutaro Kira (Japan)
The Department of Child Neurology, Fukuoka Children's Hospital, Fukuoka, Japan
- P-088 Effectiveness of bromide for seizures in 4p- syndrome – 5 cases study
Sayaka Nakano, Sanae Yamazaki, Michiko Shinpou, Junji Azuma, Yoshiko Iwatani, Kouji Tominaga, Shin Nabatame, Kuriko Shimono, Takeshi Okinaga*, Noriko Sakai, Toshisaburo Nagai, Keiichi Ozono (Japan)
Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan / Osaka University hospital, Epilepsy Center, Shizuoka, Japan
- P-089 5 cases of central nervous system malformations were found in fetal diagnosis
Yuri Uchida*, Keisuke Wada, Kyouko Saito, Hitoshi Sejima (Japan)
Matsue Red Cross Hospital, Shimane, Japan
- P-090 Prognosis of 34 infants with motor developmental delay visited to community hospital
Kosuke Kohashi*, Tomohiko Tsuru, Keiko Okumura (Japan)
Department of Pediatrics, Kamogawa City Hospital, Chiba, Japan / Matsudo City Hospital Pediatric Medical Centre, Chiba, Japan
- P-091 The relationship between coordination testing and developmental profile in 5-years-old children
Noriko Sugino*, Noriko Yamakawa, Shigeki Tanaka, Hatsumi Yamamoto (Japan)
The Department of Pediatrics, Mie-Chuo Medical Center, National Hospital Organization, Tsu, Japan

P-092 Effects of the maternal parenting behavior on the developmental change of child's behavior

Kota Suzuki*, Yosuke Kita, Makiko Kaga, Chizuru Misago, Kenji Takehara, Masumi Inagaki (Japan)

Department of Developmental Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan

P-093 Comparison of olfactory response in term infants and preterm infants

Tomoko Nishida*, Yukihiko Konishi, Mayumi Yamamoto, Kenichi Isobe, Susumu Itoh (Japan)

Faculty of Education, Kagawa University, Kagawa, Japan

P-094 Evaluation of language development using acoustic analysis -application to congenital deaf children-

Hidetaka Maebayashi*, Tetsuya Takiguchi, Satoshi Takada (Japan)

Kobe University Graduate School of Health Sciences, Hyogo, Japan

Poster Presentation: Cerebral palsy / conductive education 1 – Vascular disorder – Neurosurgery – Involuntary movement, basal ganglia – Others

P-095 Prevalence of Cerebral Palsy in Okinawa (1988–2009)

Mayumi Touyama*, Jun Toyama, Yoko Kinjyo (Japan)

The Department of Pediatrics, Okinawa Child Development Center, Okinawa, Japan

P-096 The questionnaire to severe disabled children of a Great East Japan Earthquake stricken area

Soichiro Tanaka*, Kazuhiro Haginoya, Takehiko Inui, Wakaba Endo, Keisuke Wakusawa, Shigeo Kure (Japan)

The Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan / The Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Sendai, Japan

P-097 Serum zinc concentration in severe motor and intellectual disabilities

Kiyoko Ishii* (Japan)

Fukushima National Hospital, Fukushima, Japan

P-098 A case of severely disabled child complicated tracheo-innominate artery fistula

Satoko Takahashi*, Ayumi Endo, Emiko Momoki, Yuki Kawamura, Wakako Ishii, Chikako Arakawa, Ryutarō Kohira, Tatsuo

Fuchigami, Yukihiko Fujita, Hideo Mugishima (Japan)

Department of Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan

P-099 A study on the use of Botulinum Toxin in a patient with tetraplegia

Jun Toyama*, Mayumi Touyama, Yoko Kinjyo (Japan)

Department of pediatrics, Okinawa Child Development Center, Okinawa, Japan

P-100 Pouring out mixer foods for patients with severe motor and intellectual disabilities in the center

Hironori Matsufuji*, Hiroshi Isumi, Naoko Ishikawa, Takashi Ichiyama, Yoshitsugu Sugio (Japan)

Tsuzumigaura Handicapped Children's Hospital, Syunan, Japan

P-101 Communication system by vital information

Hiroshi Ozawa* (Japan)

The Department of Child Neurology, Shimada-ryoiku Center Hachioji, Tokyo, Japan

P-102 A pediatric case report of artery of Percheron infarction

Atsushi Takagi*, Kentaro Kuwabara, Osamu Fujino, Yasuhiko Ito (Japan)

Department of Pediatrics, Nippon Medical School, Tokyo, Japan

P-103 A case of the ischaemic infarction by dissection of the middle cerebral artery

Taichi Uehara*, Misaki Sugai, Masato Hiyane, Tsuyoshi Matsuoka, Masaharu Oofu (Japan)

Okinawa Prefectural Nanbu Medical Center and Children's Medical Center, Okinawa, Japan

P-104 Phenotypic variability of COL4A1 mutation: A family study

Shinichi Hirabayashi*, Hiroto Saito (Japan)

Division of Child Neurology, Nagano Children's Hospital, Nagano, Japan

P-105 One case of Hemimoyamoya disease that caused cerebral infarction

Hiroki Kubota*, Tamami Yano, Tutomu Takahashi, Miyuki Toyono (Japan)

Department of pediatrics, Akita University Graduate school of Medicine, Akita, Japan

P-106 A female case of the early-onset moyamoya disease without RNF213 C.14576 polymorphism

Mika Takeshita*, Shingo Oana, Sinichiro Morichi, Gaku Yamanaka, Akinori Hoshika (Japan)

The Department of Pediatrics, Tokyo Medical University, Tokyo, Japan

P-107 Two infants with biphasic seizures and late brain edema following head trauma

Noriko Kondo*, Shinji Itamura, Yoko Nishimura, Akiko Tamasaki, Yoshihiro Maegaki, Kousaku Ohno (Japan)

Division of Child Neurology, Faculty of Medicine, Tottori University, Japan

P-108 Mutational analysis of PRRT2 in patients with paroxysmal dyskinesia

Hideo Enoki*, Takuya Yokota, Iori Ohmori, Mamoru Ouchida, Katsuhiko Kobayashi (Japan)

Department of Child Neurology, Seirei Hamamatsu General Hospital, Hamamatsu, Japan

P-109 Mutational analysis of PRRT2 in patients with ICCA syndrome and infantile benign convulsions

Mamoru Ouchida*, Katsuhiko Kobayashi, Hideo Enoki, Takuya Yokota, Kuniaki Iyoda, Harumi Yoshinaga, Iori Ohmori (Japan)

Department of Molecular Genetics, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan

P-110 Evaluation of L-carnitine dose for patients of Severe Motor and Intellectual Disabilities

Akiko Wakisaka*, Shinya Yamada, Takanori Tsuji, Nami Nakamura, Keiko Maruhashi, Ichiro Oono, Hidetoshi Seki, Yo Niida (Japan)

The National Hospital Organization, Iou Hospital, Kanazawa, Japan

P-111 A case of cortical dysplasia with left unilateral spatial neglect and left hemiparesis

Tomoko Kirino*, Yumi Hujihara, Shigeru Nagai, Shizuka Matuoka, Shoichi Endo (Japan)

Department of Neurology, National Hospital Organization, Kagawa Children's Hospital, Kagawa, Japan

- P-112 A questionnaire survey of medical intervention in patients with xeroderma pigmentosum
Rie Miyata*, Masaharu Hayashi, Naoyuki Tanuma, Jun Kohyama (Japan)
The Department of Pediatrics, Tokyo-kita Social Insurance Hospital, Tokyo, Japan
- P-113 Characteristics of affected children in the follow up survey
Yoshitaka Iwadare* (Japan)
Kohnodai Hospital, National Center for Global Health and Medicine, Chiba, Japan
- P-114 The Intensive care unit' Attitude for Utilization of Patients with Pediatric Neurologic diseases
Nobuyoshi Sugiyama*, Mariko Ikegami, Jyun-ichi Yokoyama, Shin-ichi Matsuda, Yoshihiro Miyashita (Japan)
The Department of Pediatrics, Tokai University School of Medicine, Kanagawa, Japan
- P-115 A study of neurological complications in childhood malignancy
Sayaka Ohta*, Masakazu Mimaki, Konomi Shimoda, Yoko Mizuno, Nagahosa Takahashi, Hiroyuki Iwasaki, Akira Oka, Masashi Mizuguchi (Japan)
Department of Pediatrics, The University of Tokyo Hospital, Tokyo, Japan
- P-116 Urine concentration of Melatonin sulfate in school age children with sleep disorder
Kyoko Hoshino*, Naoyuki Tanuma, Michirou Fukumizu (Japan)
Minamiwakayama Medical Center, Wakayama, Japan
- P-117 A case with conversion disorder and sleep disorder after Guillain-Barre syndrome
Keiko Nomura*, Junko Kawatani, Hiroshi Kosuge, Shiro Ozasa, Shigemi Kimura (Japan)
Department of Child Development, Kumamoto University Hospital, Kumamoto, Japan
- P-118 ICCA syndrome with hemiplegic migraine
Iori Ohmori*, Mamoru Ouchida, Katsuhiko Kobayashi, Harumi Yoshinaga (Japan)
Department of Physiology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan

Poster Presentation: Electrophysiology (EEG, EMG, MEG etc.,) – Imaging– Genetics

- P-119 Hippocampal synaptic plasticity and its modulation by treatment in a rat model of infantile spasms
Megumi Tsuji*, Fusao Kato (Japan)
Laboratory of Neurophysiology, Department of Neuroscience, Jikei University Graduate School of Medicine, Tokyo, Japan
- P-120 Elucidation of pathomechanism caused by CDKL5 loss-of-function by analyzing the Cdkl5 knockout mouse
Teruyuki Tanaka*, Masashi Mizuguchi (Japan)
Department of Developmental Medical Sciences, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan
- P-121 Nuclear image studies in cases with Ohtahara syndrome compared with early myoclonic encephalopathy
Mitsugu Uematsu*, Mieko Hirose, Tojo Nakayama, Atsuo Kikuchi, Yuko Sato, Tomoko Kobayashi, Naomi Fukuyo, Kazuhiro Haginoya, Shigeo Kure (Japan)
Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan
- P-122 A boy with infantile-onset leukoencephalopathy with high lactate level and slow improvement
Hiromi Mizuochi*, Katsunori Fujii, Atsuko Takagi, Tadashi Shiohama, Hideki Uchikawa, Youichi Kouno (Japan)
Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan
- P-123 High frequency oscillations modulated by calculation tasks
Tetsuro Nagasawa*, Hiroshi Terashima, Akiko Shibata, Aki Ando, Hirofumi Kashii, Masaya Kubota, Riyo Ueda, Nobuhito Morota (Japan)
Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled, Tokyo, Japan / Division of Neurology, National Center for Child Health and Development, Tokyo, Japan
- P-124 The response to the aversive auditory stimulus in autistic disorder with auditory hypersensitivity
Kuriko Shimono*, Junko Matsuzaki, Masaya Tachibana, Kouji Tominaga, Ikuko Mohri, Masako Taniike (Japan)
United Graduate School of Child Development, Osaka University, Osaka, Japan / Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan
- P-125 Time course of responses of auditory cortex in autistic disorder with auditory hypersensitivity
Junko Matsuzaki*, Kuriko Shimono, Masaya Tachibana, Kouji Tominaga, Ikuko Mohri, Masako Taniike (Japan)
Molecular Research Center for Children's Mental Development, United Graduate School of Child Development, Osaka University, Osaka, Japan
- P-126 A study of visual deficit theory for developmental dyslexia: Simultaneous fMRI-EEG
Hisako Yamamoto*, Yousuke Kita, Tomoka Kobayashi, Hiroko Yamazaki, Makiko Kaga, Masumi Inagaki, Hideki Hoshino, Takashi Hanakawa (Japan)
National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan / Department of Pediatrics, St. Marianna University School of Medicine Hospital, Kawasaki, Japan
- P-127 Grey matter decrease of inferior frontal gyrus in early-onset anorexia nervosa
Chiho Yatsuga*, Akemi Tomoda, Hiroyo Mabe, Eiji Yamada (Japan)
Research Center for Child Mental Development, University of Fukui, Fukui, Japan
- P-128 Comparison examination of Acoustic startle response and evoked potentials in Tay-Sachs disease
Sadao Nakamura*, Yoshiaki Saiho, Aihiko Ishiyama, Takashi Saito, Hirofumi Komaki, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Masumi Inagaki (Japan)
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- P-129 Brain imaging in three cases with neonatal hyperammonemia
Hiromi Arai*, Tomohide Gotou, Jyunn Sinnou, Sahoko Miyama (Japan)
Division of neurology, Tokyo Metropolitan Children Medical Center, Tokyo, Japan

P-130 Clinical usefulness of CT angiography for assessing systemic vascular changes in Menkes disease

Reina Ogata*, Pinfii Chong, Keiji Soebijanto, Ryutarou Kira (Japan)

Fukuoka Children's Hospital, Child Neurology, Fukuoka, Japan

P-131 Natural history of Leigh Syndrome

Tatsuhiko Yagihashi*, Kenjiro Kosaki, Takao Takahashi (Japan)

Department of Child Psychiatry, Komagino Hospital, Tokyo, Japan / Center for Medical Genetics, Keio University School of Medicine, Tokyo, Japan / Department of Pediatrics, Keio University School of Medicine, Tokyo, Japan

P-132 Serial MRI findings of the symmetrical central tegmental tract in children with cerebral palsy

Koichi Mizuguchi*, Rio Ueda, Sayuri Nakamura, Nobuyuki Yotani, Mariko Yamamoto, Takanobu Maekawa, Masaya Kubota (Japan)

Division of Interdisciplinary Medicine, National Center for Child Health and Development, Tokyo, Japan

P-133 Aicardi-Goutieres syndrome without intracerebral calcifications at onset

Masahiro Kikuchi*, Akiyoshi Hiraki, Tae Kamakura, Tomonari Awaya (Japan)

Department of Pediatrics, Hitachi General Hospital, Hitachi, Japan

P-134 A case of MR and microcephaly with pontine and cerebellar hypoplasia was recognized CASK mutation

Ikuhiko Shibuya*, Yoriko Watanabe, Takashi Ohya, Shinichiro Nagamitsu, Yushiro Yamashita, Nobuhiko Okamoto, Johji Inazawa, Johji Inazawa, Toyojiro Matuishi (Japan)

Development of pediatrics and child health, Kurume University School of Medicine, Kurume, Japan

P-135 Sister cases with leukoencephalopathy with ataxia, hypodontia and hypomyelination

Manabu Tanaka*, Shin-ichiro Hamano, Hiroto Saito, Kenjiro Inoue, Kenziro Kikuchi, Ryuuki Matsuura, Atsuko Ooba, Motoyuki Minamitani (Japan)

Division of Neurology, Saitama Children's Medical Center, Saitama, Japan

P-136 2.6Mb deletion of 22q12.1-q12.2 encompassing MN1, CHEK2, and NF2 in a boy with Pierre Robin sequence

Ai Kataoka*, Yukiko Kuroda, Ikuko Oohashi, Kouji Tanoue, Noriko Aida, Hitoshi Osaka, Kiyoshi Matsui, Kenji Kurosawa (Japan)

Division of General Medicine, Kanagawa Children's Medical Center, Yokohama, Japan

P-137 A case of Wernicke' encephalopathy due to an inappropriate food intake from neglect

Koichi Minami*, Yuko Tsuda, Akira Tamura, Norishige Yoshikawa (Japan)

Department of Pediatrics, Wakayama Medical University, Wakayama, Japan

P-138 A case with herpes simplex encephalitis presenting unilateral temporal lobe involvements

Masahiro Tsubura*, Hiromi Mizuochi, Atsuko Takagi, Hideki Uchikawa, Katsunori Fujii (Japan)

The Department of Pediatrics, Kimitsu General Hospital, Chiba, Japan

P-139 A case of mumps encephalitis with cortical, subcortical and callosal hyperintensity in DWI

Taro Kitamura*, Toshiyuki Nishio, Masaru Takayanagi, Toshihiro Ohura (Japan)

Department of Pediatrics, Sendai City Hospital, Sendai, Japan

P-140 Relation of corpus callosum and neurodevelopmental outcomes in preterm infants using tractography

Takashi Morita*, Tatsuji Hasegawa, Masaharu Moroto, Michiko Yoshida, Shigemi Morioka, Tomohiro Chiyonobu, Sachiko Tokuda, Akira Nishimura, Masafumi Morimoto (Japan)

Department of Pediatrics, Kyoto Prefectural University of Medicine, Kyoto, Japan

P-141 A case of arterial tortuosity syndrome with compound heterozygous SLC2A10 mutations

Katsunori Fujii*, Yoshiko Honda, Atsuko Takagi, Hiromi Mizuochi, Tadashi Shiohama, Hideki Uchikawa, Yoichi Kohno (Japan)

Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan

P-142 Genetic causes of mental retardation

Miki Asahina*, Keiko Hirano, Tomoko Matsubayashi, Tokiko Fukuda, Kouichi Hirano, Yusaku Endo, Satoshi Turui (Japan)

Department of Pediatrics, Hamamatsu University School of Medicine, Shizuoka, Japan

Poster Presentation: Epilepsy, seizure 2

P-143 A frontal lobe epilepsy with late detection of anaplastic ependymoma

Hiroyasu Nakagawa* (Japan)

Department of Pediatrics, Toyama City Hospital, Toyama, Japan

P-144 Two children of partial epilepsies who are controlled by Lamotrigine monotherapy

Masao Morita* (Japan)

Funabashihutawa Hospital, Funabashi, Japan

P-145 A case of AERRPS with anti-NMDA receptor antibody successfully treated by levetiracetam

Takafumi Sakakibara*, Keita Otsuka, Yasunobu Kawano, Yukitoshi Takahashi, Keiko Tanaka, Masahiko Kawaguchi, Midori Shima (Japan)

Department of Pediatrics, Nara Medical University, Nara, Japan

P-146 Short term efficacy of levetiracetam in children with intractable epilepsy

Ayako Muto*, Kitami Hayashi, Yuri Shirato, Shoko Tokutake, Yasuhiro Maeda, Yoko Moriyama, Keiko Watanabe (Japan)

Department of Pediatrics, Tokyo Women's University Yachiyo Medical Center, Yachiyo, Japan

P-147 Efficacy of levetiracetam in patients with severe mental and physical disabilities

Anri Hayashi*, Tomohiro Kumada, Fumihito Nozaki, Ikuko Hiejima, Tomoko Miyajima, Tatsuya Fujii (Japan)

Shiga Medical Center for Children, Shiga, Japan

P-148 A case of intractable epilepsy with the clusters of seizures by discontinuation of levetiracetam

Yoshihiro Toda*, Seishi Shimakawa, Kenji Mori, Shoji Kagami (Japan)

Department of Pediatrics, The University of Tokushima School of Medicine, Tokushima, Japan

- P-149 Efficacy of levetiracetam in acute encephalitis with refractory, repetitive, partial seizures
Yoshihiro Maegaki*, Chitose Sugiura, Kousaku Ohno (Japan)
Division of Child Neurology, Faculty of Medicine, Tottori University, Yonago, Japan
- P-150 A topiramate effective case with malignant Rolandic-sylvian epilepsy in children
Miyuki Toyono*, Tamami Yano, Yukio Sawaishi (Japan)
Akita Prefectural Center on Development and Disability, Akita, Japan
- P-151 Clinical experience with levetiracetam in people with epilepsy
Kazutomo Tamaki*, Kazuko Takayama, Akihiko Tateno (Japan)
Pediatrics, Sakura Medical Center, Toho University, Chiba, Japan
- P-152 Efficacy of Fosphenytoin in child seizure
Tomoyuki Ishii*, Takanori Yamagata, Akihiko Miyauchi, Takahiro Ikeda, Yukihumi Monden, Masato Mori, Mariko Momoi (Japan)
The Department of Pediatrics, Jichi Medical University, Tochigi, Japan
- P-153 A study of EEG changes after the introduction of ketogenic diet in relation to the seizure outcome
Aiko Nishikawa*, Mutsuki Shioda, Yoshiko Hirano, Yasushi Ito, Masako Sakauchi, Hirokazu Oguni, Makiko Osawa (Japan)
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan
- P-154 A case of Landau-Kleffner syndrome successfully treated with prednisolone
Atsuko Takagi*, Katsunori Fuji, Hideki Uchikawa, Tadashi Shiohama, Youichi Kohno (Japan)
Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan
- P-155 Effectiveness of steroid pulse therapy in a case of Myoclonic astatic epilepsy
Chizuru Nishizato*, Hiroe Ueno, Yukitoshi Takahashi (Japan)
Department of Pediatrics, Kumamoto Saishunso National Hospital, Kumamoto, Japan
- P-156 A case of epileptic encephalopathy with CDKL5 mutation treated by thyrotropin-releasing hormone
Shinpei Baba*, Kentaro Shirai, Satoshi Araki, Kengo Moriyama, Keisuke Nakajima, Setsuko Kaneko, Kaoru Imai, Toshiyuki Yamamoto, Yuji Sugawara (Japan)
Department of Pediatrics, Tokyo Medical and Dental University, Tokyo, Japan
- P-157 A case of head nodding seizures treated with saikokaryuukotuboreitou
Shuji Hashimoto*, Hosalp Yamamoto, Miho Fukuda, Yuusaku Miyamoto, Natuko Arai, Noriko Udagawa, Hiroshi Murakami, Hitosi Yamamoto (Japan)
St. Marianna University School of Medicine, Yokohama City Seibu Hospital, Kanagawa, Japan
- P-158 A remissive case of intractable epilepsy after focal resection of DNT involving thalamus
Noriko Nishikura*, Tomoyuki Takano, Yuya Awashima, Fukiko Ryujin, Seiichiro Yoshioka, Yoshihiro Takeuchi, Kentaro Tamura, Takafumi Sakakibara, Masayuki Ito (Japan)
Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan
- P-159 High-Frequency oscillations in symptomatic West syndrome with epilepsy surgery
Yoshiko Iwatani*, Sanae Yamazaki, Michiko Shinpou, Sayaka Nakano, Junji Azuma, Koji Tominaga, Shin Nabatame, Kuriko Shimono, Takeshi Okinaga, Satoru Oshino, Haruhiko Kishima, Toshisaburo Nagai, Keiichi Ozono (Japan)
Department of pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan | Epilepsy Center of Osaka University Hospital, Osaka, Japan
- P-160 A case of forme fruste of tuberous sclerosis
Chihiro Yonee*, Tamayo Ishikawa, Ryouzuke Hanaya, Nozomi Sano (Japan)
Pediatrics, Minami Kyusyu National Hospital, Kagoshima, Japan
- Poster Presentation: Cerebral palsy / conductive education 2**
- P-161 Studies on neurological disease in children need prolonged hospitalization in our hospital
Yuki Kawamura*, Emiko Momoki, Wakako Ishii, Ayumi Endoh, Chikako Arakawa, Ryutaro Kohira, Tatsuo Fuchigami, Yukihiko Fujita (Japan)
The Department of Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan
- P-162 cardiopulmonary arrest of severe motor and intellectual disabilities
Saoko Takeshita*, Yoshihiro Watanabe, Hirotaka Motoi, Kazushi Ichikawa (Japan)
Department of Pediatrics, Yokohama City University Medical Center, Yokohama, Japan
- P-163 CO2 narcosis of a severe handicapped patient associated with unilateral diaphragmatic paralysis
Shinjiro Akaboshi*, Noriko Komatsu, Eiji Nakano (Japan)
Department of Pediatrics, National Hospital Organization Tottori Medical Center, Tottori, Japan
- P-164 Videofluoroscopic swallow study in severely disabled children
Akie Miyamoto*, Ikue Fukuda, Hajime Tanaka, Ryuji Oka, Kazuhiko Cho (Japan)
Department of Pediatrics, Hokkaido Asahikawa Habilitation Center for Disabled Children, Hokkaido, Japan
- P-165 Carnitine deficiency and its supplementation in the severely handicapped
Syuichi Tsuneishi*, Kazuhiro Taguchi, Ryuzaburo Yagi (Japan)
Department of Pediatrics, Medical and Welfare Center KIZUNA, Kasai, Japan
- P-166 Evaluation of serum carnitine values after using ISOCAL junior R 1.0 with Enteral(Tube) Feeding
Ushio Ohtaki*, Akiko Kamiishi, Kiyosi Arimoto, Takehiro Ishizuka, Kaori Irahara, Satoshi Kimiya, Yositemi Sanayama, Shigenori Yamamoto (Japan)
Department of Pediatrics, Shimada Rehabilitation Center, Tokyo, Japan
- P-167 Carnitine additive-free enteral nutrition in the severely disabled: condition and treatment
Akihiko Kimura*, Ken Momosaki, Yoichi Nagata, Tadashi Matsubasa, Makoto Shinohara (Japan)
Kumamoto-Ashikita Medical Center for The Severely Disabled, Ashikita-gun, Kumamoto, Japan

- P-168 The analysis of nutritional deficiency in patients with neuromuscular disorder
Mustuki Shioda*, Makoto Funatsuka, Terumi Murakami, Keiko Ishigaki, Makiko Osawa (Japan)
Departments of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan
- P-169 Measurement of urinary iodine level and thyroid function on tube-fed people
Nagahisa Takahashi*, Shunpei Uchino, Sayaka Ota, Konomi Shimoda, Hiroyuki Iwasaki, Masakazu Mimaki, Masashi Moziguchi (Japan)
Department of Pediatrics, University of Tokyo, Tokyo, Japan
- P-170 Disabled persons with decreased heart rate variability
Sachiko Onoe*, Tokuji Kouda, Makoto Watanabe (Japan)
Hirakata General Hospital for Developmental Disorders, Osaka, Japan
- P-171 Assessment of autonomic function in patients with severe motor and intellectual disabilities
Kaori Hino*, Yuka Suzuki, Kozue Kuwabara, Takehiko Morimoto, Mitsumasa Fukuda (Japan)
Department of Pediatrics, Yawatahama City General Hospital, Ehime, Japan
- P-172 A draft of the practical guide for NPPV in patients with severe motor and intellectual disabilities
Hiroya Nishida*, Mizue Iai, Yuka Ishikawa, Tomoyuki Dobata, Tatsuya Fujii, Shuji Matsui, Ryou Tanabe, Akiko Koyama, Takako Yui, Keiko Murayama, Eiji Kitazumi (Japan)
The Department of Pediatrics, National Rehabilitation Center for Children with Disabilities, Tokyo, Japan
- P-173 Investigation of botulinum toxin type A therapy against equinus foot
Tsuyoshi Omi*, Kyomi Hirayasu, Satoshi Oshiro, Yukikatsu Nakada (Japan)
Department of Pediatrics, Okinawa Seishiryuogoen, Okinawa, Japan
- P-174 Complicated or refractory cases of intrathecal baclofen infusion therapy
Hiroshi Terashima*, Akiko Shibata, Aki Ando, Hirohumi Kashii, Nobuhito Morota, Masaya Kubota (Japan)
Division of Neurology, National Center for Child Health and Development, Tokyo, Japan
- P-175 Two severe disable children performed transection of the innominate artery for tracheal stenosis
Noriko Sawaura*, Keiko Kamayachi, Tomomi Ogata, Kazuhiro Muramathu, Makoto Kuwashima, Hirokazu Arakawa (Japan)
Department of Pediatrics, Gunma University Graduate School of Medicine, Gunma, Japan
- P-176 Home mechanical ventilation in handicapped children: experience in Aichi Prefectural Colony
Koichi Maruyama*, Naoko Kurahashi, Ayako Umemura, Keitaro Yamada, Hirokazu Kurahashi, Toshiyuki Kumagai (Japan)
Department of Pediatric Neurology, Central Hospital, Aichi Prefectural Colony, Kasugai, Japan
- P-177 Nationwide survey of NPPV for patients with severe motor and intellectual disabilities
Ryo Tanabe*, Eiji Kitazumi, Hiroya Nishida, Keiko Murayama (Japan)
National Rehabilitation Center for Children with Disabilities, Tokyo, Japan
- P-178 The effectiveness and limits of acute NPPV in cerebral palsies with pneumonia and bronchitis
Ikuko Hiejima*, Tomohiro Kumada, Anri Hayashi, Humihito Nozaki, Tomoko Miyajima, Tatuya Hujii (Japan)
Shiga Medical Center for Children, Japan
- P-179 Education for medical school students about SMID with families
Kiyokuni Miura*, Jun Natsume, Naoko Ishihara, Toshiyuki Kumagai, Seiji Mizuno, Kouichi Maruyama, Ayako Umemura (Japan)
Developmental Disability Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan
- P-180 Problems of home medical care, for severe motor and intellectual disabled patients of this area
Takanori Tsuji*, Shinya Yamada, Nami Nakamura, Akiko Wakisaka, Keiko Maruhashi, You Niida, Ichirou Oono, Hidetoshi Seki (Japan)
Iou National Hospital, Kanazawa, Ishikawa, Japan
- P-181 Medical care and its practice by teachers in special needs school after legal revision in Miyazaki
Kazumi Sawada* (Japan)
Miyazaki Rehabilitation Center for Children with Disabilities, Miyazaki, Japan
- P-182 A research on actual situation of utilization of deputy register in special support school
Nobuko Sugiura*, Hiroshi Ozawa, Kouichi Aizaki, Kaoru Amemiya, Yuki Inoue, Yuri Ozawa, Takehiro Ishizuka, Ushio Ohtaki, Satoshi Kimiya (Japan)
Shimada Ryoiku Center Hachioji, Tokyo, Japan
- P-183 The study of gastrostomy feeding in Aichi Welfare Center for Persons with Developmental Disabilities
Ayako Umemura*, Kiyokuni Miura, Naoko Kurahashi, Keitaro Yamada, Hirokazu Kurahashi, Koichi Maruyama, Toshiyuki Kumagai (Japan)
Department of Pediatric Neurology, Central Hospital, Aichi Welfare Center for Persons with Developmental Disabilities, Kasugai, Aichi, Japan
- P-184 Building Child Home Care Network in Western Region of Shizuoka Prefecture (Enshu Region)
Yusaku Endo*, Koichi Hirano, Teruhiko Suzuki, Tomoko Matsubayashi, Takeshi Miyamoto, Keiko Murayama, Tokiko Fukuda (Japan)
Department of Pediatrics, Hamamatsu City Medical Center for Developmental Medicine, Hamamatsu, Japan
- P-185 Cooperation between NICU and our SMID ward for patients during long-term hospitalization in NICU
Tomoki Takechi*, Hideo Ogura (Japan)
Department of Pediatrics, National Hospital Organization Kochi Hospital, Kochi, Japan
- Poster Presentation: Metabolic, degenerative disorder
- P-186 A case of vitamin B1 responsive pyruvate dehydrogenase complex deficiency-induced Leigh syndrome
Keiko Okumura*, Hajime Ikehara, Etsuo Naito, Tomohiko Tsuru (Japan)
Matsudo City Hospital Children's Medical Centre, Chiba, Japan
- P-187 A case of glutaric aciduria type I, which was diagnosed with convulsion like attack
Kouhei Haraguchi*, Tatsuharu Sato, Daishi Inoue, Hiroyuki Moriuchi (Japan)
The department of Pediatrics, Nagasaki University Hospital, Nagasaki, Japan

- P-188 Clinical presentation of patients with mutations in PDHA1 gene
Shumpei Uchino*, Masakazu Mimaki, Hiroyuki Iwasaki, Sayaka Ohta, Yoko Mizuno, Nagahisa Takahashi, Masashi Mizuguchi, Yuichi Goto (Japan)
Department of Pediatrics, Faculty of Medicine, the University of Tokyo, Tokyo, Japan
- P-189 Clinical course of 2 cases of mitochondrial respiratory chain IV deficiency
Tomoko Matsubayashi*, Kouichi Hirano, Takeshi Miyamoto, Miki Asahina, Keiko Hirano, Yuusaku Endo, Kei Murayama, Akira Ohtake, Ichizo Nishino, Yuichi Goto, Tokiko Fukuda (Japan)
Department of Pediatrics, Hamamatsu University School of Medicine, Hamamatsu, Japan
- P-190 Pyruvate therapy for Leigh syndrome due to mutation of mitochondrial DNA T9176C
Tatsuharu Sato*, Mio Yoshimura, Kunio Hashimoto, Kouhei Haraguchi, Daishi Inoue, Akiko Hujii, Hiroyuki Moriuchi (Japan)
The department of Pediatrics, Nagasaki University Hospital, Nagasaki, Japan
- P-191 A case of transient hyperlactic acidemia in mitochondrial respiratory chain complex deficiency
Yuki Anzai*, Tatsuo Ohya, Kei Murayama, Akira Ohtake (Japan)
Institute of Severely Disabled Children, Saiseikai Yokohama-shi Tobu Hospital, Kanagawa, Japan
- P-192 Analysis of MR imaging and clinical neurophysiologic studies in Leigh syndrome: 19 cases
Shinichi Magara*, Hirohumi Komaki, Akihiko Ishiyama, Takashi Saitou, Yoshiaki Saitou, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Yu-ichi Goto (Japan)
The Department of pediatric neurology, National Center Hospital, National Institute of Neurology and Psychiatry, Tokyo, Japan
- P-193 Leigh encephalopathy with m.8993T G mutation affecting a frontal lobe and a caudate nucleus
Yukiko Akimoto*, Hiromi Mizuochi, Atsuko Takagi, Hideki Uchikawa, Katsunori Fujii, Youichi Kouno (Japan)
Kimitsu Chuo Hospital, Chiba, Japan
- P-194 A female case of MELAS/Leigh overlap syndrome associated with mitochondrial 10191TC mutation
Jun Matsui*, Seiichirou Yoshioka, Yuya Awashima, Fukiko Ryuzin, Noriko Nishikura, Tomoyuki Takano, Yoshihiro Takeuchi, Yuichi Goto (Japan)
Omihachiman Community Medical Center, Shiga, Japan / Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan
- P-195 Effective seizure control can prevent the recurrences of stroke-like episodes in MELAS syndrome
Takeo Kato*, Keiko Saito, Kenji Yoshida, Tomonari Awaya, Minoru Shibata, Toshio Heike (Japan)
Department of Pediatrics, Graduate School of Medicine, Kyoto University, Kyoto, Japan
- P-196 Mitochondrial complex I deficiency without elevation of lactic acid in blood and CSF
Atsuko Ohno*, Motomasa Suzuki, Kazuya Itomi, Kei Murayama (Japan)
Aichi Children's Health and Medical Center, Aichi, Japan
- P-197 Leigh's syndrome treated with pyruvic acid
Tomofumi Fukuda*, Masayuki Shimono, Masahiro Ishii, Ayako Senjyu, Naoki Shiota, Kouichi Kusuhara (Japan)
Pediatrics, University of Occupational and Environmental Health Japan, Fukuoka, Japan
- P-198 A case of congenital disorders of glycosylation with recurrent acute encephalopathy
Naoki Matsuo*, Atsui Imamura, Kanako Maruta (Japan)
Department of Pediatrics, Gifu Prefectural General Medical Center, Gifu, Japan
- P-199 Clinical feature of patients with a mutation in the MCT8 thyroid hormone transporter
Satoru Kobayashi*, Takehiko Inui, Keisuke Wakusawa, Souichirou Tanaka, Kazuhiro Haginoya, Akira Oonuma, Toshiyuki Yamamoto (Japan)
Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Sendai, Japan
- P-200 A Case of Juvenile Neuronal Ceroid-lipofuscinosis with Hypertrophic cardiomyopathy
Shinya Murata*, Mitsuru Kashiwagi, Takuya Tanabe, Tizu Oba, Hiroshi Tamai (Japan)
Department of Pediatrics, Hirakata City Hospital, Osaka, Japan
- P-201 Pathological change of dorsal column in siblings with juvenile dentatorubral-pallidolusian atrophy
Takashi Saito*, Akihiko Ishiyama, Yoshiaki Saito, Hirofumi Komaki, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki, Yuko Saito (Japan)
Department of child neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- P-202 A case of Lafora disease with slow clinical course
Takuya Hiraide*, Kouichi Hirano, Miki Asahina, Keiko Hirano, Tomoko Matsubayashi, Hideo Sugie, Tokiko Hukuda (Japan)
Department of Pediatrics, Hamamatsu University School of Medicine, Hamamatsu, Japan
- P-203 A Japanese girl with early onset vanishing white matter disease
Kyoko Takano*, Mariko Takagi, Rie Anzai, Mitsuko Okuda, Takahito Wada, Mizue Iai, Sumimasa Yamashita, Hitoshi Osaka, Hirotomo Saito (Japan)
Division of Neurology, Kanagawa Children's Medical Center, Yokohama, Japan
- P-204 Subacute combined degeneration of spinal cord caused by forate and copper deficiency
Takuji Nakamura*, Daisuke Tajima, Muneaki Matsuo (Japan)
Saga University, Faculty of Medicine, Saga, Japan
- P-205 One case of Ataxia-Telangiectasia without Immunodeficiency and Telangiectasia
Yuko Sato*, Natuko Ichinoi, Tojo Nakayama, Naomi Hukuyo, Mitugu Uematu, Kazuhiro Haginoya, Sigeo Kure (Japan)
The Department of Pediatrics, University of Tohoku, Sendai, Japan
- Poster Presentation: Infectious, immunological disease (excluding acute encephalitis / encephalopathy) – Morphology, pathology – Intoxication
P-206 A case of oral poliovirus vaccine-associated paralytic poliomyelitis
Toshio Ikeda*, Akihiko Nakahara, Rie Nagano, Hiromi Kan, Noriko Nagayama (Japan)
Division of Pediatrics, Department of Reproductive and Developmental Medicine, Faculty of Medicine, University of Miyazaki, Miyazaki, Japan

- P-207 Two infants of acute cerebellar ataxia due to the booster effect after vaccination of varicella
Yoko Yoshikawa*, Yasushi Ito, Aki Hanaya, Kaori Kawano, Takayuki Kishi, Keisuke Yoshii, Katsuji Karaki, Makoto Funatsuka, Makiko Osawa (Japan)
The Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan
- P-208 Association of acute cerebellar ataxia and human papilloma virus vaccination; a case report
Chihiro Yonee*, Shinsuke Maruyama, Mitsuo Toyoshima, Yoshifumi Kawano (Japan)
The Department of Pediatrics, University of Kagoshima, Kagoshima, Japan
- P-209 A case with anti-NMDAR encephalitis
Kaori Aiba*, Mari Sugimoto, Norihisa Koyama, Kenji Yokochi (Japan)
Toyohashi Municipal Hospital, Aichi, Japan
- P-210 A Case of Neuromyelitis optica
Tamami Yano*, Hiroki Kubota, Tsutomu Takahashi (Japan)
Akita University Graduate School of Medicine, Department of Pediatrics, Akita, Japan
- P-211 A case of a Japanese girl with neuromyelitis optica spectrum disorders
Taku Nakagawa*, Daisaku Toyoshima, Naoya Morisada, Toshiyuki Takahashi, Yasuhiro Takeshima, Satoshi Takada, Kazumoto Iijima (Japan)
Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Japan
- P-212 A case of CIS associated with optic neuritis treated with steroid-pulse therapy and plasmapheresis
Taikan Oboshi*, Hidefumi Kawasaki, Takako Matsumoto, Toshitou Maihara (Japan)
Hyogo prefectural Tsukaguchi hospital, Hyogo, Japan
- P-213 A study on a patient with infantile-onset neuromyelitis optica whom has been followed for 13 years
Takayuki Kishi*, Makoto Funatsuka, Hidetsugu Nakatsukasa, Akiko Takeshita, Yasushi Ito, Makiko Osawa (Japan)
Department of Pediatrics, School of Medicine, Tokyo Women's Medical University, Tokyo, Japan
- P-214 A case of Guillain-Barre syndrome with spine lesion
Takeshi Miyamoto* (Japan)
Department of pediatrics, Hamamatsu Medical Center, Hamamatsu, Japan
- P-215 A case of PRES accompanied with Guillain-Barre syndrome
Takahiro Ikeda*, Yukifumi Monden, Akihiko Miyauchi, Masato Mori, Takanori Yamagata, Hideo Sugie, Mariko Momoi (Japan)
Jichi Medical University Department of Pediatrics, Tochigi, Japan
- P-216 Two cases of Fisher syndrome promptly improved by intravenous immunoglobulin therapy
Hidefumi Kawasaki*, Taikan Oboshi, Takako Matsumoto, Toshirou Maihara (Japan)
Department of Pediatrics, Hyogo Prefectural Tsukaguchi Hospital, Hyogo, Japan
- P-217 A case of anti-GQ1b-antibody-negative Bickerstaff's brainstem encephalitis
Hiroki Otsuka*, Zenichiro Kato, Syuji Kuwahara, Takahide Teramoto, Hidenori Ohnishi, Yuu Shirakami, Minako Kawamoto, Norio Kawamoto, Naomi Kondo (Japan)
Department of Pediatrics, Graduate School of Medicine, Gifu University, Gifu, Japan
- P-218 A case of acute cerebellitis with antiganglioside antibodies
Kenji Watanabe*, Kazuyuki Yotsumata, Kouji Sameshima (Japan)
Kagoshima City Hospital, Kagoshima, Japan
- P-219 Analysis of regulatory T cell in children with ocular type myasthenia gravis
Takafumi Nishimura*, Yuji Inaba, Shoko Yamauchi, Mitsuo Motobayashi, Taemi Niimi, Naoko Shiba, Tsukasa Higuchi, Manami Akasaka, Taku Omata (Japan)
Department of Pediatrics, Shinshu University School of Medicine, Matsumoto, Japan
- P-220 Two cases of X-linked agammaglobulinemia with progressive neurological symptoms
Kengo Moriyama*, Shinpei Baba, Keisuke Nakajima, Setsuko Kaneko, Kei Murayama, Yuuji Sugawara, Tomohiro Morio (Japan)
The Department of Pediatrics, Tokyo Medical and Dental University, Tokyo, Japan
- P-221 A neonate of Escherichia coli meningitis presenting with brain parenchymal lesion on MRI
Aya Sato*, Seiichirou Yoshioka (Japan)
The Department of Pediatrics, Saiseikai Shigaken Hospital, Shiga, Japan
- P-222 A case of SSPE treated with inosinpranobex and intrathecal IFN-beta
Masayo Hanabusa*, Takanori Yamagata, Takahiro Ikeda, Akihiko Miyauchi, Tomoyuki Ishii, Masako Nagashima, Yukifumi Monden, Masato Mori, Hideo Sugie, Mariko Momoi (Japan)
Jichi Medical University Department of Pediatrics, Tochigi, Japan
- P-223 Pteridine and cytokine analysis of the cases with meningitis isolated echovirus
Norikatsu Hikita*, Toshiyuki Seto, Kanako Yamashita, Taeka Hattori, Katsuji Tanaka, Haruo Shintaku (Japan)
Department of Pediatrics, Graduate School of Medicine, Osaka City University, Osaka, Japan
- P-224 Pelvic abscess in Children: report of 2 cases
Jun-ichi Yokoyama*, Nobuyoshi Sugiyama, Mariko Ikegami, Shin-ichi Matsuda, Yoshihiro Miyashita (Japan)
Pediatrics of Tokai university, Kanagawa, Japan / Pediatrics Oiso hospital of Tokai university, Kanagawa, Japan
- P-225 Neuropathology of Poland Moebius syndrome
Sumimasa Yamashita*, Takahito Wada, Hitoshi Osaka, Jun Shibasaki, Kiyoshi Matsui (Japan)
Division of Child Neurology, Kanagawa Children's Medical Center, Yokohama, Japan
- P-226 A case of hypoxic encephalopathy was causing hypothermia during observation
Mutsumi Sato*, Saoko Takeshita (Japan)
Department of Pediatrics, Saiseikai Yokohamashi-nambu Hospital, Kanagawa, Japan

P-227 Food poisoning by ginkgo biloba: A case report

Nanako Nishiguchi*, Tatsuharu Sato, Daishi Inoue, Kohei Haraguchi (Japan)
Sasebo General Hospital, Nagasaki, Japan

Poster Presentation: Learning disorder – Neonatology – Psychiatric disorder, behavioral disorder – Autonomic nerve, headache

P-228 A novel reproducible model of neonatal cerebral focal ischemia in mice: its neurofunctional deficits

Masahiro Tsuji* (Japan)
Department of Regenerative Medicine and Tissue Engineering, National Cerebral and Cardiovascular Center, Osaka, Japan

P-229 Neuroimaging and neuropathological study of cerebellar lesions in extremely lowbirth weight infants

Mayumi Matsufuji*, Noriko Nakamura, Yuko Tomonou, Takahito Inoue, Sachiko Iwata, Ikuhiko Shibuya, Sachio Takashima (Japan)
Yanagawa Institute for Developmental Disabilities, Fukuoka, Japan

P-230 Five cases of intra-uterine single fetus death in twin pregnancies

Atsuko Yamamoto*, Kiyoshi Matsui, Kouji Tanoue, Kaoru Uchiyama, Kouji Takahashi, Akiko Haibara, Akimitsu Watanabe (Japan)
The Department of Pediatrics, Tsuchiura Kyodo General Hospital, Ibaraki, Japan / Kanagawa Children's Hospital, Department of General Medicine, Japan

P-231 The severity in neonatal EEG correlated inversely with neurologic prognosis in district hospital

Kentaro Okamoto* (Japan)
The Department of Pediatrics, Ehime Prefectural Central Hospital, Ehime, Japan

P-232 two cases of Chondrodysplasia punctata with cervical spinal cord injury

Shinji Itamura*, Masami Togawa, Youko Nishimura, Akiko Tamsaki, Yoshihiro Maegaki, Kousaku Ohno (Japan)
Division of Child Neurology, Faculty of Medicine, Tottori University, Japan

P-233 The relation of ventriculomegaly and neurodevelopmental outcome in preterm infants

Yumiko Komatsu*, Yoko Nakano, Yuichiro Matuoka, Makiko Shimazaki, Yohane Miyata, Yukiko Nakamura, Akira Oka (Japan)
Kyorin University Hospital, Tokyo, Japan

P-234 Pervasive developmental disorders with extremely low birth weight infants

Yukiko Nanba*, Masuko Funahashi, Michiko Makino, Hideji Matsui, Keiko Wada, Mitsunobu Matsuda, Takako Tamura, Keiko Akaboshi, Toshihide Shiiki (Japan)
Department of Pediatrics, Tokyo Children's Rehabilitation Hospital, Tokyo, Japan

P-235 EEG of neonates treated with therapeutic hypothermia after hypoxic-ischemic encephalopathy

Koichi Tanda*, Nozomi Satoh, Minako Kihara (Japan)
The Department of Neonatology, Kyoto Red Cross Daiichi Hospital, Kyoto, Japan

P-236 Cerebral white matter injury caused by lipopolysaccharides in immature rat brains

Makiko Shimazaki*, Yohane Miyata, Yukiko Nakamura, Yumiko Komatsu, Yoko Nakano, Yuichiro Matsuoka, Akira Oka (Japan)
Department of Pediatrics, Kyorin University, Mitaka, Tokyo, Japan

P-237 The predictive factors for reading skills: A longitudinal follow-up study

Tatsuya Ogino*, Kaoru Hanafusa, Akihito Takeuchi, Teruko Morooka, Makio Oka, Yoko Ohtsuka (Japan)
Department of Children Studies, Faculty of Children Studies, Chugokugakuen University, Okayama, Japan

P-238 The predictive factors for writing skills: A longitudinal follow-up study

Tatsuya Ogino*, Kaoru Hanafusa, Akihito Takeuchi, Teruko Morooka, Makio Oka, Yoko Ohtsuka (Japan)
Department of Children Studies, Faculty of Children Studies, Chugokugakuen University, Okayama, Japan

P-239 Short-term effect of the hiragana reading training program for children with developmental dyslexia

Akira Yasumura*, Hisako Yamamoto, Tomoka Kobayashi, Eiji Wakamiya, Masumi Inagaki (Japan)
Department of Developmental Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan

P-240 Evaluation of children with reading difficulty by magnetoencephalography

Kazuyori Yagyu*, Kohsuke Ohtsuka, Hideaki Shiraishi (Japan)
Nire-no-kai kodomo clinic, Sapporo, Japan/Department of Pediatrics, Hokkaido University Hospital, Sapporo, Japan

P-241 Recognition of facial expression in Anorexia Nervosa: Using pictorial stroop and set-shifting task

Yuiko Sakuta*, Ken Inoue, Hiroko Ichikawa, Emi Nakato, Keiichi Shimamura, Atsuko Ayabe, Ryoko Otani, Masami K. Yamaguchi, So Kanazawa, Ryoichi Sakuta (Japan)
Research and Development Initiative, Chuo University, Tokyo, Japan

P-242 A case with malformation syndrome, mental retardation and autism who developed cyclic vomiting

Reo Saiki*, Munetsugu Hara, Toru Imaki, Ikuhiko Shibuya, Takashi Ohya, Shinichiro Nagamitsu, Yushiro Yamashita, Toyojiro Matsuishi (Japan)
Department of Pediatrics and Child Health, Kurume University School of Medicine, Fukuoka, Japan

P-243 A rare case of childhood periodic syndrome with transitional predominant symptoms

Keiko Kamayachi*, Noriko Sawaura, Kazuhiro Muramatsu, Kazuhiro Arakawa (Japan)
Gunma University Hospital, Gunma, Japan

P-244 Clinical efficacy of trazodone for sleep disturbance associated with pediatric neurological illness

Hirofumi Kashii*, Akiko Shibata, Aki Ando, Hiroshi Terashima, Masaya Kubota (Japan)
Division of Neurology, National Center for Child Health and Development, Tokyo, Japan

P-245 Investigation of male patients with suspected eating disorder

Chikako Arakawa*, Yayumi Kamiyama, Emiko Momoki, Yuki Kawamura, Wakako Ishii, Ayumi Endo, Ryutaro Kohira, Yukihiko Fujita, Tatsuo Fuchigami (Japan)
Department of Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan

- P-246 A clinical study of the cases with orthostatic dysregulation developed into school refusal
Miki Inutsuka* (Japan)
Sasebo Chuo Hospital, Nagasaki, Japan
- P-247 A family of familial hemiplegic migraine type2
Fukiko Ryujin*, Seiichiro Yoshioka, Takeya Awashima, Noriko Nishikura, Tomoyuki Takano, Yoshihiro Takeuchi, Atsushi Ishii, Shinichi Hirose (Japan)
Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan
- P-248 Effective of lamotrigine for migraine in our two cases
Tomoko Kurokawa*, Shuichi Simakawa, Miho Fukui, Ryo Ogawa, Hiroshi Tamai (Japan)
Takatsuki General Hospital, Osaka, Japan
- P-249 Prevalence and characteristics of headache in school students in Hitachiomiya city
Masahide Goto*, Ryou Kawamata, Shizuko Matsumoto, Yasuyuki Nozaki, Takanori Yamagata, Mariko Momoi (Japan)
Department of Pediatrics, Hitachiomiya Saiseikai Hospital, Hitachiomiya, Japan
- P-250 A case of the pedigree with familial hemiplegic migraine
Koki Nikaido*, Takahito Wada, Nobutada Tachi (Japan)
Department of Pediatrics, Sapporo Medical University School of Medicine, Sapporo, Japan
- P-251 A case of Complex Regional Pain Syndrome in child
Takeshi Inoue*, Hisashi Itabashi, Ryoko Otani, Nobuyuki Murakami, Toshiro Nagai, Jitsu Kato, Ryoichi Sakuta (Japan)
The Department of Pediatrics, Dokkyo medical university Koshigaya hospital / Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University, Saitama, Japan
- P-252 A case of pediatric autoimmune neuropsychiatric disorders associated with streptococcal infections
Keisuke Iwamoto*, Mitsuru Nawate (Japan)
KKR Sapporo Medical Center, Sapporo, Hokkaido, Japan

Poster Presentation: Acute encephalitis / encephalopathy

- P-253 Search of the anti-neural antibody in a boy clinically diagnosed as autoimmune encephalitis
Eri Nakahara*, Akihisa Okumura, Mituru Ikeno, Shinpei Abe, Toshiaki Shimizu, Hiroshi Sakuma, Masaharu Hayashi (Japan)
Department of Pediatrics, Juntendo University Faculty of Medicine, Tokyo, Japan
- P-254 Clinical characteristics of nonherpetic limbic encephalitis in pediatric three cases
Jun Mine*, Momoko Yokoyama, Noriaki Minami, Akiyoshi Horie, Kazuko Kishi, Seiji Yamaguchi, Yukitoshi Takahashi (Japan)
Department of Pediatrics, Shimane University School of Medicine, Shimane, Japan
- P-255 Clinical semiology of 13 individuals with encephalopathy associated with anti-GluR antibodies
Takako Fujita*, Yukiko Ihara, Shinya Ninomiya, Yuko Tomonou, Hiroshi Ideguchi, Takahito Inoue, Yukitoshi Takahashi, Shinichi Hirose, Sawa Yasumoto (Japan)
Department of Pediatrics, Fukuoka University, School of Medicine, Fukuoka, Japan
- P-256 Two pediatric patients of acute disseminated encephalomyelitis chief complaint was torticollis
Taku Omata*, Hidee Arai (Japan)
Division of Child Neurology, Chiba Children's Hospital, Chiba, Japan
- P-257 A 14 years-old boy with mycoplasma meningoencephalitis following urinary retention
Momoko Yokoyama*, Jun Mine, Noriaki Minami, Akiyoshi Horie, Kazuko Kishi, Seiji Yamaguchi (Japan)
Department of Pediatrics, Shimane University School of Medicine, Shimane, Japan
- P-258 Acute encephalopathy associated with Mycoplasma pneumoniae pneumonia: a case report
Takuya Yokota*, Hideo Enoki (Japan)
Seirei Hamamatsu General Hospital, Hamamatsu, Japan
- P-259 Streptococcal sepsis-associated encephalopathy with late reduced diffusion and brain atrophy
Akiyoshi Hiraki*, Tae Kamakura, Masahiro Kikuchi (Japan)
Department of Pediatrics, Hitachi General Hospital, Ibaraki, Japan
- P-260 A case of clinical mild encephalopathy with a reversible lesion associated with septic arthritis
Naoko Hayashi*, Haruko Sakamoto, Misao Yoshii, Takehiko Okuno (Japan)
Pediatrics, Osaka Red Cross Hospital, Osaka, Japan
- P-261 MRI, SPECT and EEG findings during the course of Japanese encephalitis; a case of 10-years-old boy
Natsumi Isobe*, Hiroyuki Torisu, Masafumi Sanefuji, Sooyoung Ree, Yoshito Ishizaki, Yasunari Sakai, Toshiro Hara (Japan)
Department of Pediatrics, Graduate school of medical sciences, Kyushu university, Fukuoka, Japan
- P-262 A case of disturbance of consciousness with gastroenteritis-related cerebellitis treated with TRH
Yuichiro Matsuoka*, Yoko Nakano, Makiko Shimazaki, Yohane Miyata, Yumiko Komatsu, Yukiko Nakamura, Akira Oka (Japan)
The Department of Pediatrics, Kyorin University Hospital, Tokyo, Japan
- P-263 A Case Of Norovirus-associated Acute Encephalopathy
Sato Suzuki*, Shuei Watanabe, Noriko Togashi (Japan)
Miyagi Children's Hospital, Miyagi, Japan
- P-264 Treatment of Acute encephalitis with refractory, repetitive partial seizures in the acute phase
Hiroshi Shiraga* (Japan)
Department of Pediatrics, National Hospital Organization Okayama Medical Center, Okayama, Japan
- P-265 An efficacy of ketogenic diet on the acute stage of AERRPS
Yuko Takei*, Jiu Okuno, Tetsuhiro Fukuyama, Noboru Fueki, Shinichi Hirabayashi (Japan)
The Division of Child Neurology, Nagano Children's Hospital, Nagano, Japan

- P-266 Immunological Study of a Child Case of MERS complicated with Kawasaki Disease
Mitsuo Motobayashi*, Yuji Inaba, Syoko Yamauchi, Taemi Niimi, Naoko Shiba, Takafumi Nishimura, Tatsuya Kinoshita, Ei Shimazaki, Jiu Okuno, Shinichi Hirabayashi (Japan)
Shinshu University Hospital, Matsumoto, Japan
- P-267 Three cases of encephalopathy with a reversible splenic lesion manifesting various symptoms
Masaru Takayanagi*, Ryou Takahashi, Taro Kitamura, Toshihiro Ohura (Japan)
Division of Pediatrics, Sendai City Hospital, Sendai, Japan
- P-268 A case of recurrent clinically mild encephalitis/encephalopathy with a reversible splenic lesion
Kaori Kawano*, Yasushi Ito, Keisuke Yoshii, Katsuji Karaki, Masako Sakauchi, Takashi Kanbayashi, Makiko Osawa (Japan)
Tokyo Women's Medical University, Tokyo, Japan
- P-269 A case of posterior reversible encephalopathy syndrome with extensive lesions including spinal cord
Tomomi Ogata*, Noriko Sawaura, Keiko Kamayachi, Kazuhiro Muramatsu, Hirokazu Arakawa (Japan)
The Department of Pediatrics, Gunma University Graduate School of Medicine, Gunma, Japan
- P-270 Metabolic encephalopathy in a boy with 3-hydroxy-3-methylglutaryl coenzyme A lyase deficiency
Jiu Okuno*, Yuuko Takei, Tetsuhiro Fukuyama, Noboru Fueki, Shinichi Hirabayashi, Toshiyuki Fukao (Japan)
The Division of Childneurology of Nagano Children's Hospital, Nagano, Japan
- P-271 Clinical investigation in AESD that was able to detect subclinical seizures using continuous EEG
Mondo Kuroda*, Iku Ikeno, Ayano Yokoi, Yusuke Mitani, Yo Niida (Japan)
Department of Pediatrics, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University, Ishikawa, Japan
- P-272 Assessment of brain oxygenation using near-infrared spectroscopy in a case of transient hemiplegia
Yoshinobu Oyazato*, Atsuko Nakagawa, Sora Okita, Atsushi Nishiyama, Masao Adachi (Japan)
Department of Pediatrics, Kakogawa West City Hospital, Hyogo, Japan
- P-273 30 patients of hypothermia for acute encephalopathy and encephalitis
Yutaka Nonoda*, Toshiyuki Iwasaki, Nozomi Hosoda, Hiroyuki Shirai, Masahiro Ishii (Japan)
The Department of Pediatrics, The School of Medicine, Kitasato University, Kanagawa, Japan
- P-274 Neurological complications associated with acute focal bacterial nephritis
Hiroshi Kometani*, Genrei Ohta, Masao Kawatani, Yusei Ohshima (Japan)
Department of Pediatrics, Faculty of Medical Sciences, University of Fukui, Fukui, Japan
- P-275 A child case of nonconvulsive status epilepticus induced by ifosfamide
Shoko Yamauchi*, Yuji Inaba, Naoko Shiba, Mitsuo Motobayashi, Taemi Niimi, Takafumi Nishimura (Japan)
Department of Pediatrics, Shinshu University School of Medicine, Nagano, Japan

Poster Presentation: Peripheral nerve – Muscle – Tumor

- P-276 Central sleep apnea in a 10-year-old girl with acute inflammatory demyelinating polyneuropathy
Haruka Kagawa*, Katsunori Fujii, Hiromi Mizuochi, Atsuko Takagi, Tadashi Shiohama, Hideki Uchikawa, Yoichi Kohno (Japan)
Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan
- P-277 A Case of Guillain-Barre Syndrome with Severe Pain Treated with Parenterally Infused Fentanyl
Toshihiro Suzuki*, Yuji Hashimoto, Satoshi Anzai, Kasumi Nagasawa (Japan)
Department of Pediatrics, Chiba Kaihin Municipal Hospital, Chiba, Japan
- P-278 Clinical manifestations in pediatric Guillain-Barre syndrome in Japan – Part 1
Kenichi Takeshita*, Katsunori Fujii, Taku Omata, Yuzo Tanabe, Kasumi Nagasawa, Yuji Hashimoto, Hiromi Mizuochi, Tomohiko Tsuru, Tomoyuki Nakazawa, Yukie Arahata, Junichi Takanashi, Atsuko Takagi, Tadashi Shiohama, Hideki Uchikawa, Yoichi Kohno (Japan)
Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan
- P-279 An anti-GQ1b antibody negative case of Guillain-Barre syndrome preceded by ophthalmoplegia
Nanae Kikuoka*, Seitirou Yoshioka, Seirou Narumiya, Tomoyuki Takano (Japan)
Department of Pediatrics, Nagahama Red Cross Hospital, Shiga, Japan
- P-280 Clinical manifestations in pediatric Guillain-Barre syndrome in Japan – Part 2
Katsunori Fujii*, Kenichi Takeshita, Taku Omata, Yuzo Tanabe, Kasumi Nagasawa, Yuji Hashimoto, Hiromi Mizuochi, Tomohiko Tsuru, Tomoyuki Nakazawa, Yukie Arahata, Junichi Takanashi, Atsuko Takagi, Tadashi Shiohama, Hideki Uchikawa, Yoichi Kohno (Japan)
Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan
- P-281 A patient with Werdnig-Hoffman disease who developed intellectual regression
Tatsuya Fujii*, Tomoko Miyajima, Tomohiro Kumada, Fumihito Nozaki, Ikuko Hiejima, Anri Hayashi (Japan)
Shiga Medical Center for Children, Shiga, Japan
- P-282 A Hospital-based Study of Childhood-onset Charcot-Marie-Tooth disease
Sadami Kimura*, Tomokazu Kimizu, Tae Ikeda, Yukiko Mogami, Keiko Yanagihara, Toshiyuki Mano, Yasuhiro Suzuki (Japan)
Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan
- P-283 An acute lymphoid leukemia patient with preceding typical symptoms Lambert-Eaton myasthenic syndrome
Asuka Nagahama*, Hiroko Iwamatsu (Japan)
Oita Prefectural Hospital, Oita, Japan
- P-284 A Japanese girl with congenital axonal neuropathy who had MFN2 mutation
Takehiko Inui*, Wakaba Endo, Satoru Kobayashi, Keisuke Wakusawa, Souichirou Tanaka, Kazuhiro Haginoya (Japan)
Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, Sendai, Japan

- P-285 Three infants with phrenic nerve palsy – Indication for diaphragmatic plication
Tadashi Shiohama*, Katsunori Fujii, Masaharu Hayashi, Maiko Suyama, Hiromi Mizuochi, Hideki Uchikawa, Yoichi Kohno (Japan)
Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba University Graduate School of Medicine, Chiba, Japan / Department of Brain Development and Neural Regeneration, Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan
- P-286 Idiopathic Unilateral Palatal Paralysis In Childhood
Akiko Shibata*, Aki Ando, Hiroshi Terashima, Hirofumi Kashii, Masaya Kubota (Japan)
The Division of Neurology, National Center for Child Health and Development, Tokyo, Japan
- P-287 Remedy: current status of DMD/BMD national registry in Japan
En Kimura*, Yukiko Hayashi, Fumi Takeuchi, Reiko Shimizu, Hirofumi Komaki, Ichizo Nishino, Mituru Kawai (Japan)
National Center of Neurology and Psychiatry, Kodaira, Japan
- P-288 A case of facioscapulohumeral muscular dystrophy with late onset spasm
Mariko Ikegami*, Nobuyoshi Sugiyama, Junichi Yokoyama, Katsumi Imai, Yuki Ueda (Japan)
Department of Pediatrics Tokai University Hospital, Japan
- P-289 A boy with psychomotor retardation diagnosed Ullich muscular dystrophy by muscle biopsy
Masahiro Ueki*, Kimiaki Uetake, Yoshio Makita, Yuichi Gotou, Ichizou Nishino (Japan)
Obihiro Kousei General Hospital, Obihiro, Japan
- P-290 Muscle imaging in Fukuyama congenital muscular dystrophy
Akihiko Ishiyama*, Hirofumi Komaki, Takashi Saito, Yoshiaki Saito, Eiji Nakagawa, Kenji Sugai, Masayuki Sasaki (Japan)
Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
- P-291 Dilated Cardiomyopathy in Nemaline Myopathy with ACTA1 Mutation
Sachiko Shimozato*, Toshiki Takenouchi, Yoriko Konishi, Takao Takahashi (Japan)
Department of Pediatrics, School of Medicine, Keio University, Tokyo, Japan
- P-292 Prednisolone and methotrexate for juvenile dermatomyositis and polymyositis
Koji Tominaga*, Sanae Yamazaki, Michiko Shinpo, Sayaka Nakano, Junji Azuma, Yoshiko Iwatani, Shin Nabatame, Noriko Kamio, Kuriko Shimono, Takeshi Okinaga, Toshisaburo Nagai, Keiichi Ozono (Japan)
Department of Pediatrics, Osaka University Graduate School of Medicine / Department of Child Development, United Graduate School of Child Development, Osaka University / Osaka University Hospital Epilepsy Center, Osaka, Japan
- P-293 Muscle ultrasonography evaluation in pediatric muscular disorders
Kengo Sato*, Noriko Kondo, Youko Nishimura, Akiko Tamasaki, Masami Togawa, Aya Narita, Chisako Fukuda, Yasuaki Hirooka, Yoshihiro Maegaki, Kousaku Ohno (Japan)
Department of Pathobiological Science and Technology, School of Health Science, Tottori University Faculty of Medicine, Yonago, Japan
- P-294 muscle pathology study of neuromuscular disease in childhood
Takeshi Okinaga*, Sanae Yamazaki, Michiko Shinpo, Sayaka Nakano, Yoshiko Iwatani, Koji Tominaga, Shin Nabatame, Kuriko Shimono, Taro Matsuoka, Toshisaburo Nagai, Keiichi Ozono (Japan)
Department of Pediatrics, Osaka University Graduate School of Medicine / Osaka University Hospital Epilepsy Center, Osaka, Japan
- P-295 Subependymal giant cell astrocytomas in two early infants
Shinobu Fukumura*, Toshihide Watanabe, Kimio Minagawa, Satoko Ochi, Kimiaki Uetake (Japan)
The Department of Child Neurology, Hokkaido Medical Center for Child Health and Rehabilitation, Sapporo, Japan
- P-296 A case of dermoid cyst with repeated chemical meningitis
Hiroshi Kubo*, Toshio Osamura, Tadaki Oomae, Kouji Tagawa, Masafumi Hasegawa, Satoshi Kidowaki (Japan)
Kyoto Second Red Cross Hospital, Kyoto, Japan
- P-297 A case of West syndrome induced by focal desmoplastic infantile ganglioglioma
Yoshimichi Hirayama*, Ohfu Masaharu (Japan)
Pediatrics, Naha City Hospital, Okinawa, Japan
- P-298 Gangliosides analysis in Congenital Oligodendroglioma
Tomoko Okamoto*, Tatsuo Kakiuchi, Kensuke Akiyoshi, So-ichi Suenobu, Tatsuro Izumi (Japan)
Department of Pediatrics and Child Neurology / Division of General Pediatrics and Emergency Medicine, Oita University Faculty of Medicine, Oita, Japan