The 53rd Annual Meeting of
the Japanese Society of Child Neurology

May 26-28, 2011
Pacifico Yokohama, Japan

PROGRAM
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- **Evening Seminar** 18:00 - 19:00
- **Practical Education Seminar 1** 15:00 - 18:00
- **Practical Education Seminar 2** 19:00 - 22:00
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<td>Opening Remarks</td>
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<td>Symposium 1</td>
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<td>Developmental Disorder (Screening) 9:50-10:40 (O-011-015)</td>
<td>Genetics 1 9:40-10:40 (O-021-026)</td>
<td>Neonates 9:40-10:40 (O-043-048)</td>
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<td>Developmental, Psychiatric &amp; Behavioral Disorder 10:40-11:30 (O-016-020)</td>
<td>Genetics 2 10:40-11:30 (O-027-031)</td>
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<td>Symposium 3 13:00-15:00</td>
<td>Learning Disabilities 1 13:00-14:00 (O-032-037)</td>
<td>Epilepsy &amp; Seizure 1 13:00-14:00 (O-049-054)</td>
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<td>Developmental Disorders 1 9:00-10:00 (O-072-077)</td>
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<td>Epilepsy &amp; Seizure 4 10:00-11:00 (O-066-071)</td>
<td>Developmental Disorders (Treatment &amp; Support) 10:00-11:00 (O-078-085)</td>
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<td>2011 JSCN Award for Asia Young Investigator 10:40-11:10</td>
<td>Educational Lecture 5 11:00-11:45</td>
<td>Development 11:00-12:00 (O-084-089)</td>
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<td>JSCN General Assembly 13:30-14:30</td>
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<td>Involuntary Movement &amp; Basal Ganglia</td>
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<td>10:00-10:50 (O-095-099)</td>
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<td>Public Forum  13:30-16:20</td>
<td>Educational Seminar  13:30-16:30</td>
<td>The 6th Meeting of the Japanese Society for Children's Myasthenia Gravis  13:00-17:00</td>
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<td>Epilepsy &amp; Seizure 6 9:10-10:00 (O-173-177)</td>
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<td>Epilepsy &amp; Seizure 7 10:00-11:00 (O-178-183)</td>
<td>Infection &amp; Autoimmune Disease 9:00-9:50 (O-190-194)</td>
<td>Metabolic Disease 1 9:00-10:10 (O-208-213)</td>
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<td>Epilepsy &amp; Seizure 8 11:00-12:00 (O-184-189)</td>
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<td>Muscular Disease 1 17:00-17:40 (P-001 ~ 008)</td>
<td>Acute Encephalitis &amp; Encephalopathy 1 17:00-17:40 (P-090 ~ 098)</td>
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<td>Developmental Disorders 1 17:00-17:45 (P-017 ~ 025)</td>
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<td>Cerebral Palsy &amp; Care (The Reality, Home &amp; Medical Care) 17:00-17:45 (P-054 ~ 062)</td>
<td>Acute Encephalitis &amp; Encephalopathy 2 17:00-17:40 (P-108 ~ 115)</td>
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<td>Developmental Disorders (Treatment &amp; Support) 1 17:00-17:45 (P-072 ~ 080)</td>
<td>Infection &amp; Autoimmune Disease 1 17:00-17:45 (P-125 ~ 133)</td>
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<td>Developmental Disorders 2 17:45-18:30 (P-026 ~ 035)</td>
<td>Metabolic Degeneration 1 17:00-17:50 (P-143 ~ 152)</td>
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<td>Epilepsy &amp; Seizure 2 17:45-18:30 (P-045 ~ 053)</td>
<td>Neonates 17:00-17:50 (P-162 ~ 171)</td>
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<td>Cerebral Palsy &amp; Care (Treatment &amp; Gastrostoma) 17:45-18:30 (P-063 ~ 071)</td>
<td>Infection &amp; Autoimmune Disease 2 17:40-18:30 (P-134 ~ 142)</td>
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<td>Vascular Disease 17:50-18:30 (P-172 ~ 179)</td>
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Poster Session: Thursday, May 26, 2011

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<td>Epilepsy &amp; Seizure 4 17:10-17:55 (P-180 ~ 188)</td>
<td>Muscles 17:10-17:55 (P-303 ~ 309)</td>
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<td>Epilepsy &amp; Seizure 6 17:10-18:05 (P-198 ~ 208)</td>
<td>Congenital Anomaly &amp; Chromosomal Abnormality 1 17:10-17:55 (P-338 ~ 346)</td>
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<td>Cerebral Palsy &amp; Care 17:10-17:55 (P-216 ~ 224)</td>
<td>Infection &amp; Autoimmune Disease 3 17:10-17:55 (P-285 ~ 293)</td>
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<td>Psychiatric &amp; Behavioral Disorder 17:10-17:55 (P-234 ~ 242)</td>
<td>Metabolic Degeneration 2 17:10-17:55 (P-321 ~ 329)</td>
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<td>Developmental Disorder (Screening) 17:10-17:55 (P-252 ~ 260)</td>
<td>Congenital Anomaly &amp; Chromosomal Abnormality 2 17:55-18:40 (P-310 ~ 320)</td>
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<td>Acute Encephalitis &amp; Encephalopathy 3 17:10-17:55 (P-270 ~ 278)</td>
<td>Genetics 17:45-18:40 (P-330 ~ 337)</td>
</tr>
<tr>
<td>18:00</td>
<td>Developmental Disorders 3 17:55-18:40 (P-261 ~ 269)</td>
<td>Peripheral Nerve 17:55-18:40 (P-330 ~ 337)</td>
</tr>
<tr>
<td>19:00</td>
<td>Acute Encephalitis &amp; Encephalopathy 4 17:55-18:25 (P-294 ~ 302)</td>
<td>Acute Encephalitis &amp; Encephalopathy 5 17:55-18:40 (P-294 ~ 302)</td>
</tr>
</tbody>
</table>

Poster Session: Friday, May 27, 2011
Floor Plan

To InterContinental Yokohama Grand

1F

Cloak

Self Business Center

Room A
Main Hall

Luncheon Seminar Ticket Desk

To InterContinental Yokohama Grand

2F

Registration Desk
Thu. 26th 8:00~18:30
Fri. 27th 7:30~18:30
Sat. 28th 7:30~12:00

VIP Room

211 212 213
Presidential Lecture
Advancement and challenges in genetic disorders of copper metabolism
HIROKO KODAMA
Department of Pediatrics, Teikyo University School of Medicine, Tokyo, Japan

Keynote Lecture
On Political Measures for Intractable Diseases
ICHIRO KANAZAWA
President of the Science Council of Japan, Professor Emeritus of the University of Tokyo, Japan

Special Lecture 1
Exploring molecular etiologies of neurodegenerative diseases based on personal genome analysis
SHOJI TSUJI
Department of Neurology, The University of Tokyo Hospital, Japan

Special Lecture 2
Toward the Age of Dialogue
ORIZA HIRATA
The Osaka University Center for the Study of Communication-Design, Osaka, Japan

Invited Lecture 1
Latest Advances in the Fatty Acid Oxidation Disorders and New Therapies
INGRID TEIN
Division of Neurology, Hospital for Sick Children, Department of Pediatrics, Laboratory Medicine and Pathobiology, University of Toronto, Toronto, Ontario, Canada

Invited Lecture 2
Evidence-based Practices for ADHD: Psychosocial, Pharmacological, and Combined Intervention
WILLIAM E. PELHAM
Center for children and Families, Florida International University, Miami, FL, USA

Invited Lecture 3
The U.S. Experience with Urea Cycle Defects: A Changing and Improving Picture
MARSHALL L. SUMMAR
Children's National Medical Center, Department of Pediatrics, The George Washington University School of Medicine and Health Sciences, Washington, NW, USA

Educational Lecture 1
Recent advances in congenital myopathy research
IKUYA NONAKA
National Center Hospital of Neurology and Psychiatry, Tokyo, Japan

Educational Lecture 2
Newborn hearing screening-Innovation of medicine for deaf infant and children
KIMITAKA KAGA
National Institute of Sensory Organs, National Tokyo Medical Center, Japan
Educational Lecture 3
Childhood epilepsy update
HIROKAZU OGUNI
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

Educational Lecture 4
Recent management of status epilepticus in children
KENJI SUGAI
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Kodaira, Japan

Educational Lecture 5
Current Directions in Early Diagnosis and Early Intervention for Autism Spectrum Disorders
YOKO KAMIO
Department of Child and Adolescent Mental Health, National Institute of Mental Health, National Center of Neurology and Psychiatry, Japan

Educational Lecture 6
Adolescence of children with developmental Disabilities
MIKIO HIRAIWA
Rabbit Developmental Research, Japan

Educational Lecture 7
Medical Treatment and Special Needs Education in Patients with Developmental Disorders
YASUSHI FUJII
Graduate School of Teacher Education, Teikyo University, Tokyo, Japan
Department of Pediatrics, Faculty of Medicine, Teikyo University, Tokyo, Japan

Educational Lecture 8
Pediatric neurotransmitter disease in Japan
HARUO SHINTAKU
Department of Pediatrics, Osaka City University Graduate School of Medicine, Osaka, Japan

Educational Lecture 9
Recent advances on the etiology and pathogenesis of acute encephalopathy
MASASHI MIZUGUCHI
Department of Developmental Medical Sciences, the University of Tokyo, Tokyo, Japan

Educational Lecture 10
Imaging diagnosis of pediatric acute brain disorders
HIROSHI OBA
Department of Radiology, Teikyo University Hospital, Tokyo, Japan

Symposium 1
Epidemiology of Headache in children
KENTARO KUWABARA
Department of Pediatrics, Nippon Medical School, Tokyo, Japan

Diagnosis and treatment of pediatric patients with migraine and tension-type headache
KIYOSHI ARAKI
Saitama City Hospital, Saitama, Japan
Childhood periodic syndromes that are commonly precursors of migraine
TOSHIYUKI HIKITA
Department of Pediatrics, Teikyo University School of Medicine, Tokyo, Japan

Secondary headaches in children and adolescents
NAOKI ANDO
Department of Pediatrics and Neonatology, Nagoya City University, Graduates School of Medical Sciences, Nagoya, Japan

Medical treatment of headache in children and psychosomatic medicine
HIDEHIRO YASUJIMA
Department of Pediatrics, Ono Hospital, Hyogo, Japan

Symposium 2

Pediatric multiple sclerosis
RYUTARO KIRA
Department of Pediatrics, National Fukuoka-Higashi Medical Center, Japan

Clinical Features of Japanese Pediatric Patients with Anti-Aquaporin 4 Antibody, in Japan
NAOMI HINO-FUKUYO
Department of Pediatrics, University of Tohoku, Sendai, Japan

Clinical features of acute disseminated encephalomyelitis in childhood
HIROYUKI TORISU
Comprehensive Maternity and Perinatal Care Center, Kyushu University Hospital, Kyushu University, Fukuoka, Japan

Autoimmune cerebellar ataxia
TAKASHI ICHIYAMA
Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Ube, Japan
Japanese Study Group of Child Immune Encephalitis, Japan

Immunological mechanisms in non-herpetic acute limbic encephalitis
YUKITOSHI TAKAHASHI
National Epilepsy Center, Shizuoka, Japan
Gifu University School of Medicine, Gifu, Japan.

Evaluation of clinical features and prevalence of Lyso-ganglioside antibodies of children with neuropsychiatric disorders associated with streptococcal infections
KAZUHISA HONGOU
Department of Pediatrics, University of Toyama, Toyama, Japan
Toyama Prefectural Hospital for Chippler Children, Shimoino Toyama City, Japan

Symposium 3

The up-to-date researches of Rett syndrome
MASAYUKI ITOH
National Center of Neurology and Psychiatry, Japan

Yoshiko Nomura
Segawa Neurological Clinic for Children, Tokyo, Japan

Mutation analysis of the responsible genes for Rett syndrome
SATORU TAKAHASHI
Department of Pediatrics, Asahikawa Medical University, Asahikawa, Japan

MeCP2 and Chromatin Dynamics
SHIN-ICHI HORIKE
Kanazawa University Frontier Science Organization, Japan
Development of Rett-syndrome model cells by stem cell technologies
TOMOYUKI TAKAHASHI
Division of Gene Therapy and Regenerative Medicine, Cognitive and Molecular Research Institute of Brain Diseases, Kurume University, Japan

Therapeutic perspective for Rett syndrome patients
TAKEO KUBOTA
Department of Epigenetic Medicine, Faculty of Medicine, University of Yamanashi, Japan

Symposium 4

From a viewpoint of the medical cooperation
SUNAO TOMITA
Tokyo Metropolitan Children's Medical Center, Tokyo, Japan

From the view point of home care for adults
REIKO NAMBA
Neurology Clinic Namba, Okayama, Japan

Home Care Medicine and Respite Care for Children
AKIHIKO TAKAHASHI
Hibari Clinic, Utsunomiya-city, Japan

About the Tokyo Home Visit Service for Persons (Children) with Severe Mental - Physical Disability
NORIKO OKUYAMA
Residential and Facility Care Support, Disabled Persons Programs Division, Bureau of Social Welfare and Public Health, Tokyo Metropolitan Government, Japan

From the standpoint of care-home and at home
KEIKO SHISHIKURA
Social Welfare Corporation 'Houmonnoie' Tomo Clinic for Handicapped, Yokohama, Japan

Workshop 1

Infantile acute subdural hematoma-accident or abuse?
MAMI YAMASAKI
Department of Neurosurgery, Osaka National Hospital, National Hospital Organization, Japan

Imaging Diagnosis of Child Abuse
NORIKO AIDA
Department of Radiology, Kanagawa Children's Medical Center, Yokohama, Japan

Investigation of the mechanism of infantile acute subdural hematoma using an infant physical dummy model
YUSUKE MIYAZAKI
Institute of Science and Engineering, Kanazawa University, Ishikawa, Japan

Workshop 2

KATSUNORI FUJII
Vice Chairperson of the Council to Promote Reform of the System for Persons with Disabilities of Cabinet Office, Government Japan

Reform of Special Needs Education
NAOTO SHIMOYAMA
Ministry of Education, Culture, Sports, Science and Technology, Japan

Our action to reconstruction of support and education system for handicapped children and people
EIJJI KITAZUMI
National Rehabilitation Center for Disabled Children, Tokyo, Japan

KENJI TAKAKI
Department of Health and Welfare for persons with Disabilities Ministry of Health, Labor and Welfare, Japan
Panel Discussion

**Abnormal movements in children with cerebral palsy**
KENJI YOKOCHI
Department of Pediatric Neurology, Seirei-Mikatahara General Hospital, Hamamatsu, Shizuoka, Japan

**Abnormal movements of neonate and early infancy**
MASANORI KOUWAKI
Department of Neonatal Medical Center, Toyohashi Municipal Hospital, Aichi, Japan

**Hypertonic state and botulinum toxin A therapy**
MIZUE IAI
The Institution for Severe Intellectual and Motor Disabilities, Knagawa Children's Medical Center, Kanagawa, Japan

**Deep brain stimulation for dystonia in children**
SATOKO KUBOTA
Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan

**Intrathecal Baclofen (ITB) and Functional Posterior Rhizotomy (FPR) for patients with intractable hypertonic state**
MASAYA KUBOTA
Division of Neurology, NCCHD, Tokyo, Japan

Morning Education Seminar 1

**The study for the diagnosis and the treatment of fragile X syndrome in Japan**
EIJI NANBA
Division of Functional Genomics, Research Center for Bioscience and Technology, Tottori University, Japan

**Epidemiologic study of acute encephalitis with refractory, repetitive partial seizures**
HIROSHI SAKUMA
Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

**Establishment of medicinal treatment in infant with autism and other pervasive developmental disorders**
EIJI NAKAGAWA
Department of Child Neurology, National Center Hospital, NCNP, Tokyo, Japan

**Studies on prevalence, diagnosis and treatment of Menkes disease and occipital horn syndrome**
HIROKO KODAMA
Department of Pediatrics, Teikyo University School of Medicine, Tokyo, Japan

**Practical investigation for 1p36 deletion syndrome and establishment of the clinical guideline**
TOSHIYUKI YAMAMOTO
Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

Morning Education Seminar 2

**Our experience of steroid therapy in patients with Duchenne muscular dystrophy**
KEIKO ISHIGAKI
Department of Pediatrics, Tokyo Women's Medical University, School of Medicine, Tokyo, Japan

**Steroid therapy for DMD in our hospital**
TATSUYA FUJI
Department of Pediatrics, Shiga Medical Center for Children, Moriyama, Japan

**Steroid therapy of Duchenne muscular dystrophy**
HIROFUMI KOMAKI
Department of Child Neurology, National Center of Neurology and Psychiatry, Tokyo, Japan

**Corticosteroid treatment in children with Duchenne muscular dystrophy: A view of rehabilitation medicine**
YUKA ISHIKAWA
Department of pediatrics, National organization Yakumo hospital, Yakumo-cho, Futami-gun, Hokkaido, Japan
Corticosteroid treatment of Duchenne muscular dystrophy - a view of neurologist
MITSURU KAWAI
Department of Neurology, Higashisaitama National Hospital, Hasuda, Japan

Guideline for steroid therapy for DMD patients in Japan
KAZUHIRO HAGINOYA
Department of Pediatric Neurology, Takuto Rehabilitation Center for Children, FFPH, Sendai, Japan

Night Seminar 1
The current status, challenges and future perspective of "The Japan Compensation System for Cerebral Palsy"
SHIGERU UEDA
Japan Council for Quality Health Care, Tokyo, Japan

The present status, issues and wishes on the Compensation System for Birth Troubles from a standpoint of making a certificate
KIYOSHI MATSUI
Department of General Pediatrics and Neonatology, Kanagawa Children's Medical Center, Yokohama, Japan

The present status and issues of the Compensation System for Birth Troubles from the diagnostic practice
SATORU KINOSHITA
Department of Pediatrics, National Hospital Organoization Niigata Hospital, Kashiwazaki, Niigata, Japan

The present status, issues and recommendation on Compensation System for Birth Troubles from the Judging Committee
AKIRA OKA
Department of Pediatrics, Kyorin University, Tokyo, Japan

The present status and issues of the Compensation System for Birth Troubles from an obstetrician
TSUGIO MAEDA
Maeda Obstetrics and Gynecology Clinic, Yaizu, Shizuoka, Japan

Night Seminar 2
Botulinum toxin in the management of upper extremities in childhood cerebral palsy
ATSUO NEZU
Clinic of Child Neurology, Yokohama Residential Care and Medical Centre for Developmentally Disabled Person, Yokohama, Japan

The experience of botulinum toxin therapy for mild lower extremity spasticity in young children with cerebral palsy
MASAO ADACHI
Department of Pediatrics, Kakogawa Municipal Hospital, Kakogawa, Japan

Efficacy of BonT injection to neck,shoulder, and upper limbs of SMID and cerebral palsy
NAOKO YOSHIDA
Department of Pediatric Neurology, Saint Joseph Hospital for Handicapped People, Kyoyo, Japan

The 5th Child Sleep Group Meeting
A 10 year-old girl with Chiari malformation type 1 who complain snoring and apnea
KUMI KATO
Ota Memorial Sleep Center, Kanagawa, Japan

Sleep disorder from 'cyber addiction'; five school children
KYOKO HOSHINO
Minami Wakayama Medical Center, Japan

Changes of the circadian rhythm in core body temperature of adolescents with Delayed Sleep Phase Syndrome
SHIGEYUKI MATSUZAWA
Hyogo Prefectural Rehabilitation Center Hospital, Kobe, Japan

Effects of Ramelton (Rozerem) for children with sleep disorders
SHIHOKO KIMURA-OHBA
Department of Pediatrics, Osaka University Graduate School of Medicine, Osaka, Japan
Factors affecting the nocturnal sleep development among preterm Infants
YOKO ASAKA
Konan Women's University, Japan
Kobe University Graduate School of Health Sciences, Japan

Continuance measurement of child sleep of with heart rate variability analysis by complex demodulation method
NOBORU OHKI
NoruPro Light Systems, Inc. Tokyo, Japan

Reports on IPSA2010 and WSD
JUN KOHYAMA
Department of Pediatrics, Tokyo Bay Urayasu/Ichikawa Medical Center, Japan

B & D Seminar
How to write a case report and a clinical research paper for publication
KOUSAKU OHNO
Division of Child Neurology, Tottori University Faculty of Medicine, Japan

Writing Articles in Basic Science And in English: Is It Our Business?
TAKAO TAKAHASHI
Department of Pediatrics, Keio University School of Medicine, Japan

How to write your manuscript
MELINDA HULL
Cactus Communications K.K., Japan

2011 JSCN Award for Asia Young Investigator
The role of superior sagittal sinus compression by the occipital bone in neonatal cerebral sinovenous thrombosis
MARILYN A. TAN
Department of Pediatrics and Neurosciences, Section of Pediatric Neurology, Philippine General Hospital, Philippines

Asian Oceanian Child Neurology International Education Program
Patients with riboflavin-responsive multiple acyl-CoA dehydrogenase deficiency in Taiwan
WEN-CHEN LIANG
Departments of Pediatrics, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

Morning Seminar 1
Complications of Traumatic Brain Injury in Children: Epilepsy and Higher Cortical Dysfunction
MANA KURIHARA
Department of Pediatrics, The Kanagawa Rehabilitation Center, Japan

Hypopituitarism after traumatic brain injury
YOSHIKAZU NISHI
Department of Pediatrics, Hiroshima Red Cross Hospital, Japan

Morning Seminar 2
SHUJI WAKAI
Nakanoshima Clinic, Sapporo, Japan

TAKAMICHI YAMAMOTO
Seirei Hamamatsu General Hospital, Epilepsy Center, Shizuoka, Japan
Morning Seminar 3

YUICHI GOTO
Department of Mental Retardation and Birth Defect Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

YUKO SAWADA
Agilent Technologies Japan, Ltd.

Morning Seminar 4

Therapy in nocturnal enuresis according to patient's condition -DDAVP and Alarm therapy-
EIICHI HOASHI
Hoashi Clinic, Tokyo, Japan

Morning Seminar 5

L-carnitine therapy in pediatrics: Up-to-date
KIYOSHI MATSUI
Department of General Pediatrics and Neonatology, Kanagawa Children's Medical Center, Yokohama, Japan

Luncheon Seminar 1

Mental disorders related to developmental disorders
JUNZO IIDA
Faculty of Nursing, Nara Medical University, Japan

Luncheon Seminar 2

Epilepsy Management In Children -What is the evidence for what we do?-  
JAMES W. WHELESS
Department of Pediatric Neurology, The University of Tennessee, USA

Luncheon Seminar 3

Antiepileptic Drug Therapy for Idiopathic Generalized Epilepsy Considering Lifestyle of Patients
MASAKI TANAKA
Tanakama Clinic, Yokohama, Japan

Practical management for children and adolescences with idiopathic generalized epilepsy from the viewpoint of long-term outcome
SHINICHIRO HAMANO
Division of Neurology, Saitama Children's Medical Center, Saitama, Japan

Luncheon Seminar 4

Can new antiepileptic drugs change epilepsy treatment?
KATSUMI IMAI
National Epilepsy Center, Shizuoka Institute for Epilepsy and Neurological Diorders, Shizuoka, Japan

Luncheon Seminar 5

Strategy of treatment for Wilson disease with neurologic symptoms
NORIKAZU SHIMIZU
Department of Pediatrics, Toho University School of Medicine, Ohashi Medical Center, Tokyo, Japan
Luncheon Seminar 6
A New Treatment Modality for Spasticity in Children with Cerebral Palsy
RYUJI KAJI
Department of Neurology, Tokushima University, Tokushima, Japan

Luncheon Seminar 7
Seeking better treatment of epilepsy: from the viewpoint of life stages and QOL of women
MAKIKO OSAWA
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

Luncheon Seminar 8
Comprehensive support to AD/HD: Role of Medication
TAKASHI HAYASHI
Faculty of Nursing and Human Nutrition, Yamaguchi Prefectural University, Yamaguchi, Japan

Luncheon Seminar 9
Treatment of spasticity in children with cerebral palsy
NOBUAKI IWASAKI
Department of Pediatrics, Ibaraki Prefectural University of Health Science, Inashiki, Ibaraki, Japan
Neurosurgical management for intractable spasticity in children
SATOSHI IHARA
Department of Neurosurgery, University of Tsukuba, Ibaraki, Japan

Luncheon Seminar 10
Diagnosis and treatment for Gaucher disease and Pompe disease
HIROYUKI IDA
Department of Pediatrics, Jikei University School of Medicine, Japan

Luncheon Seminar 11
Pediatric Nutrition Management -Future Developments
YOSHIAKI TANAKA
Department of Pediatric Surgery, Kurume University School of Medicine, Japan

Luncheon Seminar 12
Management of SGA infants and children with GH and Nutrition therapy for growth and development
SHINOBU IDA
Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan

Evening Seminar
Nutritional care for child neurology outpatients
DAISUKE TANAKA
Department of Pediatrics, Showa University Toyosu Hospital, Japan

Practical Education Seminar 1
MR imaging of normal and abnormal pediatric brain based on the brain development; Diagnostic clue
HIROSHI OBA
Department of Radiology, Teikyo University Hospital, Tokyo, Japan
Introduction of diffusion-weighted images and MR spectroscopy in pediatric neurology
   JUN-ICHI TAKANASHI
   Department of Pediatrics, Kameda Medical Center, Kamogawa, Japan

Neonatal Imaging
   NORIKO AIDA
   Department of Radiology, Kanagawa Childrens' Medical Center, Japan

Diagnostic imaging of brain malformations
   MITSUHIRO KATO
   Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

Diagnostic imaging of congenital metabolic disorders
   HARUSHI MORI
   Department of Radiology, Graduate School  and Faculty of Medicine, The University of Tokyo, Tokyo, Japan

Practical Education Seminar 2
   EEG in the normal term infants
     AKIHISA OKUMURA
     Department of Pediatrics, Juntendo University School of Medicine, Japan

   EEG in the normal preterm infants
     TORU KATO
     Department of Child Neurology, Okazaki City Hospital, Japan

   Abnormal background EEG findings and ictal changes
     AKIHISA OKUMURA
     Department of Pediatrics, Juntendo University School of Medicine, Japan

Educational Seminar
   Brain Death from A Legal Perspective
     EIJI MARUYAMA
     Kobe University School of Law, Japan

   Japanese Criteria of Brain Death in Children
     YASUKO KUSAKA
     Department of Neurosurgery, The Jikei University School of Medicine, Tokyo, Japan

   Intrahospital system construction and preparation for brain death organ transplant
     MASAYA KUBOTA
     Division of Neurology, NCCHD, Tokyo, Japan

   Exclusion of Abused and/or Neglected Children from Donors in Brain Death
     FUJIKO YAMADA
     Sangenkai Yamada Clinic, Isehara-city, Kanagawa, Japan
     Child Maltreatment Prevention Network, Isehara-city, Kanagawa, Japan
     Japanese Medical Society on Child Abuse and Neglect, Isehara-city, Kanagawa, Japan

   Neurological examination and apnea testing
     IKUYA UETA
     Division of Pediatric Critical Care, Shizuoka Children's Hospital, Shizuoka, Japan

   Vestibular reflex in judgement of brain death
     SHINICHI IWASAKI
     Department of Otolaryngology, Faculty of Medicine, University of Tokyo, Tokyo, Japan

   Electroencephalography
     AKIHISA OKUMURA
     Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan
Public Forum

-First Section-

People inheriting the Gift of Life -Client-Centered-
YOSHIKO SHIOTANI
President of Nagasaki International University, Former Governor of Kumamoto Prefecture, Japan

-Second Section-

Raising a child with an autistic spectrum disorder. A message from a parent.
MASAKO SUZUKI
Itabashi Association of Parents of Children with Developmental Disabilities, Japan

Good sleep and good life (Gussuri-raifu)
MASAKO OKAWA
Department of Sleep Medicine, Shiga University of Medical Science, Otsu, Japan

The Periodontal - Systemic Disease Connection
TOSHIHIDE NOGUCHI
Aichi-gakuin University School of Dentistry Department of Periodontology, Nagoya, Japan

Educational Support in School
TOSHIHIDE KOIKE
Tokyo Gakugei University, Tokyo, Japan

The Lifestyle of Individuals with Pervasive Developmental Disorders: Live in Obscurity
HIROSHI IHARA
Department of Psychiatry, Dokkyo Medical University Koshigaya Hospital, Saitama, Japan
English Session 1

O-001  Autosomal dominant nocturnal frontal lobe epilepsy and founder effect  
SU KYEONG HWANG  
Department of Pediatrics, School of Medicine, Fukuoka University, Fukuoka, Japan

O-002  The analysis of surgically treated pediatric patients with epilepsy  
AYATAKA FUJIMOTO  
Seirei Hamamatsu General Hospital, Comprehensive Epilepsy Center, Hamamatsu, Japan

O-003  Malignant epilepsies with intractable epileptic seizures and mental retardation  
MIHO FUKUDA  
St. Marianna University School of Medicine, Kanagawa, Japan

O-004  Eating Behavior in Japanese and Indonesian Autistic Children  
HANDAYANI MAULINA  
Department of Community Health Sciences, Graduate School of Health Sciences, Kobe, Japan

O-005  Vagus nerve stimulation (VNS) for intractable epilepsy in the pediatric population: NYU experience  
TAKAMICHI YAMAMOTO  
Comprehensive Epilepsy Center, Seirei Hamamatsu General Hospital, Hamamatsu, Japan

English Session 2

O-006  A case of paramyotonia congenita with a mutation in SCN4A  
DIAN K. PRAMUDYA  
Department of Community Medicine and Social Healthcare Science, Kobe University Graduate School of Medicine, Kobe, Japan

O-007  A SOX10 binding site mutation in GJC2 promoter causes Pelizaeus-Merzbacher-like disease  
HITOSHI OSAKA  
Division of Neurology, Kanagawa Children’s Medical Center, Yokohama, Japan

O-008  RT-multiplex PCR for detection of 10 viruses causing acute encephalopathy/encephalitis in Asia  
NGAN PHAM  
Department of Developmental Medical Sciences, Institute of International Health, The University of Tokyo, Tokyo, Japan

O-009  Chemical Chaperon therapy for beta-galactosidase deficiency: NOEV effect on the 88 missense mutations  
EIJI NANBA  
Division of Functional Genomics, Research Center for Bioscience and Technology, Tottori University, Japan

O-010  Tissue specificity of mitochondrial respiratory chain disorders with neurological symptoms  
AKIRA OHTAKE  
Department of Pediatrics, Saitama Medical University, Saitama, Japan

Developmental Disorder (Screening)

O-011  Psychometric Properties of the Japanese version of the Motor Observation Questionnaire for Teachers  
AKIO NAKAI  
Department of Pediatrics, Faculty of Medical Sciences, University of Fukui, Fukui, Japan

O-012  Characteristics of exploratory eye movements in patients with Asperger syndrome  
TAKASHI OHYA  
Department of Pediatrics and Child Health, Kurume University School of Medicine, Kurume, Japan

O-013  Mirror neuron system in autism spectrum disorders: a near-infrared spectroscopic study  
KENJI MORI  
Department of Pediatrics, Institute of Health Bioscience, The University of Tokushima Graduate School, Tokushima, Japan
O-014  Functional evaluation of GABAergic neurons in autism spectrum disorders: $^{123}$I-Iomazenil SPECT study  
TATSUO MORI  
Department of Pediatrics, Institute of Health Bioscience, The University of Tokushima Graduate School, Tokushima, Japan

O-015  The investigation of plasma ghrelin concentration in Rett syndrome patients with MECP2 mutations  
MUNETSUGU HARA  
Department of Pediatrics and Child Health, Kurume University School of Medicine, Kurume, Japan

Developmental, Psychiatric & Behavioral Disorder

O-016  Validity of impairment rating scale as a tool for functional impairment of children with ADHD  
YUSHIRO YAMASHITA  
Department of Pediatrics and Child Health, Kurume University School of Medicine, Fukuoka, Japan

O-017  Clinical Study of administration of methylphenidate for abused children with ADHD  
JUNICHI FURUSHO  
College of Education, Psychology and Human Studies, Department of Education, Aoyamagakuin University, Tokyo, Japan  
Matsudo Clinic, Chiba, Japan

O-018  The sensory integration programs improved self-efficacy and communication skills in ADHD  
TAKASHI HAYASHI  
Faculty of Nursing and Human Nutrition, Yamaguchi Prefectural University, Yamaguchi, Japan  
Department of Developmental Disorders National Institute of Mental Health, National Center of Neurology and Psychiatry, Kodaira, Japan

O-019  Clinical Study in childhood with eating disorder: outcome of amenorrhea  
RYOICHI SAKUTA  
Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University, Koshigaya Hospital, Japan

O-020  Predictors of pyridoxine responsiveness in children with pervasive developmental disorders  
SHINICHI KURIYAMA  
Department of Molecular Epidemiology, Tohoku University Graduate School of Medicine, Sendai, Japan

Genetics 1

O-021  SETBP1 deletion is responsible for developmental delay distinct from Schinzel-Giedion syndrome  
TOSHIYUKI YAMAMOTO  
Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

O-022  Genetic analysis of Myotubular myopathy  
EIJI UCHIDA  
School of Health Sciences, Sapporo Medical University, Sapporo, Japan  
School of Human Studies, Taisho University, Tokyo, Japan

O-023  Simultaneous analysis of mitochondrial DNA mutations using suspension array technology  
YUTAKA NISHIGAKI  
Nishigaki Clinic & Research Laboratory, Nagoya, Japan  
Department of Genomics for Longevity and Health, Tokyo Metropolitan Institute of Gerontology, Tokyo, Japan

O-024  A novel mutation of ATP6V0A2 gene in a Japanese girl with autosomal recessive cutis laxa type 2  
YOSHITO ISHIZAKI  
Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan  
Department of Pediatrics, Karatsu Red Cross Hospital, Karatsu, Japan

O-025  Autosomal dominant Aicardi-Goutieres syndrome with mild clinical phenotype  
TOMONARI AWAYA  
Department of Pediatrics, Kyoto University Hospital, Kyoto, Japan

O-026  The proliferative angiomatosis and genetic background in patients with tuberous sclerosis complex  
HIROSHI YAMADA  
Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan
Genetics 2

O-027  The study for the diagnosis and the treatment of fragile X syndrome in Japan
KAORI ADACHI
Division of Child Neurology, School of Medicine, Tottori University, Yonago, Japan
Division of Functional Genomics, Center for Bioscience and Technology, Tottori University, Yonago, Japan

O-028  A new diagnostic method for Prader-Willi syndrome based on ICON probe-based DNA methylation assay
TAKEO KUBOTA
Department of Epigenetic Medicine, University of Yamanashi, Yamanashi, Japan

O-029  A proposal for diagnostic criteria and classification of congenital cerebral hypomyelination
KEN INOUE
Department of Mental Retardation and Birth Defect Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japan

O-030  Establishment of iPS cells from patients with Pelizaeus-Merzbacher disease
KEIKO SHIMOJIMA
Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

O-031  A new microdeletion syndrome at 5q31 demonstrates neonatal hypotonia and severe mental retardation
SHINJI SAITO
Department of Pediatrics, Hokkaido University Graduate School of Medicine, Japan

Learning Disabilities 1

O-032  Predictive Factors of the Reading and Writing Abilities in Elementary School Children
KAORU HANAFUSA
Graduate School of Medicine, Denistry and Pharmaceutical Science Okayama University, Okayama-shi, Japan

O-033  Development of Visual Symptom Survey in Children
TOMOHITO OKUMURA
Osaka Medical College, LD Center, Osaka, Japan

O-034  Significance of working memory in reading ability in PDD and AD/HD
MAKIO OKA
Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Science, Okayama, Japan

O-035  2007-2009 year longitudinal study for the RTI model for early detection of Dyslexia
TATSUYA KOEDA
Department of Regional Education, Faculty of Regional Sciences, Tottori University, Tottori, Japan
Department of Clinical Research, NHO Tottori Medical center, Tottori, Japan

O-036  Effects of phonological awareness and rapid naming on writing in Japanese children
EIJI WAKAMIYA
Faculty of Nursing and Rehribillations, Aino University, Ibaraki, Japan

O-037  Reading ability of junior high school students in relation to self-evaluation and depression
TOSHIYA YAMASHITA
Graduate Division of Health and Welfare, Graduate Schools, Yamaguchi Prefectural University, Yamaguchi, Japan

Learning Disabilities 2

O-038  The effect of oral reading training with personal computer for developmental dyslexia
TAKASHI TAKESHITA
Osaka Medical College LD Center, Osaka, Japan

O-039  A Training Method of Writing Kanji for a Child with Visual Information Processing Impairment(2)
MEKUMI MIZUTA
LD Center, Osaka Medical College, Takatsuki, Japan
O-040  2008-2010 year longitudinal studies for the RTI model for early intervention of Dyslexia
TATSUYA KOEDA
Department of Regional Education, Faculty of Regional Sciences, Tottori University, Tottori, Japan
Department of Clinical Research, NHO Tottori Medical Center, Tottori, Japan

O-041  Deficit of Lexical Route in Japanese Developmental Dyslexia
TOMOHITO OKUMURA
Osaka Medical College, LD Center, Osaka, Japan

O-042  Factors and antidote of increase in developmental disorders from the viewpoint of physicians
ASAYO ISHIZAKI
Oji Clinic; Division of Medicine The Association of Remedial Teaching for People with Developmental Handicaps, Japan

Neonates

O-043  Fetal development of the oculomotor nuclear complex in man. II. Volumetric analysis
KATSUYUKI YAMAGUCHI
Department of Pathology, Dokkyo University School of Medicine, Tochigi, Japan
Department of Pediatrics, Southern Tohoku General Hospital, Koriyama, Japan

O-044  Preterm babies born from mothers diagnosed as abruptio placenta have good neurological prognosis
SAYAKA HARADA
Department of Neonatology, Osaka City General Hospital, Osaka, Japan

O-045  The examination of the factor that influence early neonatal electroencephalogram
YOSHINOBU OYAZATO
Kakogawa Municipal Hospital, Japan

O-046  A Nationwide Survey on Therapeutic Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy in Japan
TOSHIKI TAKENOUCHI
Department of Pediatrics, Keio University School of Medicine, Japan

O-047  A study as to school age of children with premature birth
HIDEO NAGAO
Division of Medicine for Special Support, Faculty of Education, Ehime University, Matsuyama, Japan

O-048  Hypothermia for neonatal asphyxia can not prevent brainstem dysfunction
YUKIHIRO KITAI
Department of Pediatric Neurology, Morinomiya Hospital, Osaka, Japan

Epilepsy & Seizure 1

O-049  Prediction and prevention of early relapse after ACTH therapy in West syndrome
YUMIKO ISHIZAKI
Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan

O-050  Effect of topiramate in pediatric patients with epileptic spasms
FUMIKA ENDOH
Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan

O-051  Absence seizure of Dravet syndrome
YUKO TSUDA
Tokyo Women's Medical University, Tokyo, Japan

O-052  EEG of those who were sufferd from seizure or loss of conscious without fever
TAKEHI INOUE
Division of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan

O-053  Contribution of excess kurtosis of interictal EEG to seizure outcome after epilepsy surgery
TOMOYUKI AKIYAMA
Division of Neurology, The Hospital for Sick Children, Toronto, Canada
O-054  Diffusion tensor imaging in cryptogenic West syndrome : TBSS analysis
JUN NATSUME
Department of Pediatrics, Nagoya University Graduate School of Medicine, Japan

Epilepsy & Seizure 2

O-055  MRCP and CNV analysis in patients with PKC
MASAYA KUBOTA
Division of Neurology, NCCHD, Tokyo, Japan

O-056  Gamma-oscillations modulated by eye movements
TETSURO NAGASAWA
Departments of Pediatrics and Neurology, Children's Hospital of Michigan, Detroit, Michigan, USA
Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan

O-057  Scalp-recorded high-frequency oscillations in benign partial epilepsy of childhood
KATSUHIRO KOBAYASHI
Department of Child Neurology, Okayama University Graduate School and Okayama University Hospital, Japan

O-058  Language lateralization in children with epilepsy using near infrared optical topography
SHINOBU FUKUMURA
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

O-059  Pre and post hemispherotomy brain blood flow reaction using NIRS in patients with hemimegalencephaly
TETSUYA OKAZAKI
Child Neurology, National Center of Neurology and Psychiatry Hospital, Tokyo, Japan

O-060  Time dependent change of cognitive function at the epilepsy onset
MITSURU KASHIWAGI
Department of Pediatrics, Hirakata Muipipal Hospital, Osaka, Japan

Epilepsy & Seizure 3

O-061  Longitudinal examination of the effect of topiramate on the weight and body composition
YUKI IMAI
Department of Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan

O-062  Keisikasyakuyaku-to suppress hyperthermia-induced seizures via the control of intracellular Ca
HITOMI HINO
Department of Pediatrics, Ehime University Graduate School of Medicine, Toon, Japan
Shingu Clinic, Shikokuchuo, Japan

O-063  Pharmacotherapy of chronic non-idiopathic partial epilepsies based on semiology: a prospective study
KENJI SUGAI
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Kodaira, Japan

O-064  Efficacy of lamotrigine for intractable epilepsy with tuberous sclerosis
HISASHI KAWAWAKI
Department of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan

O-065  A multicenter study to assess safety, efficacy and pharmacokinetics of fosphenytoin in pediatrics
EIJI NAKAGAWA
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

Epilepsy & Seizure 4

O-066  Spectrum of fever sensitive epilepsy syndrome from investigation into mild cases of Dravet syndrome
MASAKO SAKAUCHI
Department of Pediatrics, Tokyo Women's Medical University, Tokyo Japan
O-067  Diagnostic clues for early diagnosis of epileptic encephalopathy with CDKL-5 mutation/deletion
    KATSUMI IMAI
    National Epilepsy Center, Shizuoka Institute for Epilepsy and Neurological Disorders, Japan

O-068  PCDH19 mutation in Japanese females with epilepsy
    NORIMICHI HIGURASHI
    Department of Pediatrics, School of Medicine, Fukuoka University, Japan

O-069  Quantitative analysis of antibodies to NMDA-type glutamate receptor in Rasmussen syndrome
    TETSUHIRO FUKUYAMA
    Department of Pediatrics, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

O-070  Cerebrospinal Fluid Levels of Amino Acids and Ammonia in Children with Status Epilepticus
    HIROKI HASUMI
    Department of Pediatrics, Tokyo Metropolitan Hiroo General Hospital, Japan

O-071  Increased level of serum IL-1 RA subsequent to resolution of clinical symptoms in West syndrome
    GAKU YAMANAKA
    Department of Pediatrics, Tokyo Medical University, Tokyo, Japan

Developmental Disorders 1

O-072  A retrospective study of medical therapy in children with attention deficit hyperactivity disorder
    RYOKO OTANI
    Pediatrics, Dokkyo Medical University, Koshigaya Hospital, Saitama, Japan
    Center for Child Development and Psychosomatic Medicine, Dokkyo Medical University, Koshigaya Hospital, Japan

O-073  Clinical Assessment of the effect of Atomoxetine in 32 Patients with AD/HD or PDD
    SHINICHIRO TAKIGUCHI
    Nasu Institute of Developmental Disabilities, Tochigi, Japan

O-074  Consideration of using properly choice MPH or ATX of 80 cases with ADHD and PDD with ADHDsympton
    MICHIKO SUGAMA
    Oji Clinic; Division of Medicine The Association of Remedial Teaching for People with Developmental Handicaps, Tokyo, Japan

O-075  Behavioral value between mothers and teachers after the medication of atomoxetine in ADHD with ASDs
    NAOMITSU SUZUKI
    Department of Pediatrics, Tsukuba Municipal Hospital, Japan

O-076  Effect of tracheostomy and imipramine on respiratory dysrhythmia in Rett syndrome
    KAORI Sasaki
    Shinko Kakogawa Hospital, Hyogo, Japan

O-077  Treatment of selective bronchial air injection for atelectasis
    SOICHIRO TANAKA
    Takuto Rehabilitation Center, Sendai, Miyagi, Japan

Developmental Disorders (Treatment & Support)

O-078  The trial approach of the course of children's care support for mothers
    KEIKO MAEDA
    Department of Neuropediatrics, Shizuoka Iryou Fukusi Center, Japan
    The Developmental Disturbance Center, Shizuoka City, Japan

O-079  5 years checkup giving priority to support
    KASUMI NAGASAWA
    Division of Pediatric Neurology, Chiba Rehabilitation Center, Chiba, Japan

O-080  Maternal role consciousness scales and Parent Training
    HIROYUKI YOKOYAMA
    Yamagata University Facultly of Medicine School of Nursing, Yamagata, Japan
    Department of Pediatrics, Tohoku University Hospital, Sendai, Japan
O-081 A study on the utilization of support books at admission into the primary school  
HIROMI TSUSHIMA  
Kobe University Graduate School of Health Sciences, Hyogo, Japan

O-082 The evaluation for increase of development disorders - when, where, and what do they decide to go? -  
KAKUROU AOYAGI  
Akebono Medical Welfare Center, Nirasaki, Japan

O-083 Motor and intellectual development of the patient with maternal uniparental disomy of chromosome 14  
YUMI TAKAHASHI  
Department of Pediatrics, Shimada Ryoiku Center, Tokyo, Japan

Development

O-084 Follow-up study at 3 years-old on very low birth weight infants at our center  
EIKO TAKADA  
Department of Pediatrics, Saitama Medical Center, Saitama Medical School, Saitama, Japan

O-085 The evaluation and support of the development of the 6 years old of VLBW babies  
KYOUKO HIRASAWA  
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

O-086 Dynamic ground force in human crawling  
ARITO YOZU  
Department of Rehabilitation Medicine, The University of Tokyo, Japan  
Research Fellow of the Japan Society for the Promotion of Science, Japan

O-087 Eating and swallowing rehabilitation for a patient with Prader-Willi syndrome  
KYOKO TAKANO  
Department of Pediatrics and Rehabilitation, Shimada Center for Rehabilitation and Neurodevelopmental Intervention, Tokyo, Japan

O-088 Developmental change of visual behavior in infancy  
KONISHI YUKIHKO  
Department of Pediatrics, Faculty of Medicine, Kagawa University, Japan

O-089 The Developmental Change of Infant's Attention by Mother-Infant Interaction -An Eye Tracking Study-  
AKIO NAKAI  
Department of Pediatrics, Faculty of Medical Sciences, University of Fukui, Fukui, Japan

Peripheral Nerve

O-090 Analysis of peripheral nerve abnormalities in pediatric patients with spinal muscular atrophy  
TAKAHIRO YONEKAWA  
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

O-091 An infantile case suspected of vaccine associated paralytic poliomyelitis  
KOTOKO SUGAYA  
Saitama Children's Medical Center, Saitama, Japan

O-092 A case of GBS with enhanced Caude equina in subacute phase MRI without any abnormality in acute phase  
SAAYAKA HAMAGUCHI  
Tokyo Metropolitan Hiroo Hospital, Japan

O-093 Efficacy of cyclosporin therapy in pediatric CIDP patient  
KEIKO YANAGIHARA  
Department of Pediatrics, Osaka Medical Center and Research Institute for Maternal and Child Health, Japan

O-094 Successful treatment with steroid therapy for benign recurrent sixth nerve palsy  
KEITARO YAMADA  
Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan  
Aichi Prefectural Colony, Aichi, Japan
Muscular Disease 1

O-095 Diagnostic approach of metabolic myopathies using muscle metabolome profiling
TOKIKO FUKUDA
Pediatrics, Jichi Medical University, Tochigi, Japan

O-096 Desirable disease explanations for patients with muscular dystrophy and their parents
OSAMU IMURA
Graduate School of Human Sciences, Osaka University, Suita, Osaka, Japan

O-097 Survey about child neurologist trends in informing DMD boys about their disease
HARUO FUJINO
The Graduate School of Human Sciences, Osaka University, Osaka, Japan

O-098 The marker as a treatment index of muscle disease using actigraph system
SHIGEMI KIMURA
Department of Child Development, Kumamoto University Graduate School, Kumamoto, Japan

O-099 Dysphagia in children with spinal muscular atrophy
NOZOMI SANO
Department of Pediatrics, Minami Kyushyu Hospital, Kagoshima Prefecture, Japan

Muscular Disease 2

O-100 WITHDRAWN

O-101 Insomnia in patients with Fukuyama congenital muscular dystrophy
TAKATOSHI SATOU
Department of Pediatrics, Tokyo Wemen's Medical University, Tokyo, Japan

O-102 Fractional shorting can detect early cardiac dysfunction in Duchenne muscular dystrophy
HIROYUKI AWANO
Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Hyogo, Japan

O-103 The effect of steroid therapy for scoliosis in patients with Duchenne muscular dystrophy
TERUMI MURAKAMI
Department of Pediatrics, University of Tokyo Women's Medical University, Tokyo, Japan
Department of Pediatrics, Saitama Saiseikai Kurihashi Hospital, Japan

O-104 Review of steroid treatment in Duchenne Muscular Dystrophy
MASAHIDE GOTO
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

O-105 Chemical treatment of muscular dystrophy that enhances skipping of the exon in the dystrophin gene.
MARIKO YAGI
Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Japan

O-106 Extramuscular manifestations in congenital myopathy due to ACTA1 gene mutation
YOSHIKAI SAITO
Department of Child Neurology, National Center of Neurology and Psychiatry, Japan

Acute Encephalitis & Encephalopathy 1

O-107 An analysis of serum cytokine and CPT2 gene in three cases of severe HIV-6 encephalopathy
HIROSHI MATSUMOTO
Department of Pediatrics, National Defense Medical College, Tokorozawa, Japan

O-108 New Treatment for mitochondrial fatty acid oxidation disorders with bezafibrate
SEIJI YAMAGUCHI
Department of Pediatrics, Shimane University, Izumo, Japan
O-109  Release of protein S-100B in serum and CSF in pediatric patients with acute encephalopathy  
REIKO KOICHIHARA  
Saitama Children's Medical Center Division of Neurology, Japan  
Chichibu Municipal Hospital, Division of Pediatrics, Japan

O-110  Investigation of genetic background in Japanese patients with Acute encephalopathy  
MAYU SHINOHARA  
Department of Developmental Medical Sciences, Graduate School of Medicine, University of Tokyo, Japan

Acute Encephalitis & Encephalopathy 2

O-111  Serum and cerebrospinal fluid levels of HMGB1 in pandemic H1N1 influenza encephalopathy  
TAKESHI MATSUSHIGE  
Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan

O-112  Clinical aspects of inpatient children for neurological symptoms by pandemic influenza A/H1N1 2009  
YOSHIAKI HARADA  
Hospital Network of Osaka Pediatric Association, Osaka, Japan  
Department of Pediatrics, Komatsu Hospital, Neyagawa, Osaka, Japan

O-113  Analysis of cytokine levels in cerebrospinal fluid and serum in rotavirus encephalopathy  
HIROFUMI INOUE  
Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan

O-114  Immunological assessment of acute encephalitis with refractory, repetitive partial seizures  
HIROYUKI WAKAMOTO  
Department of Pediatric Neurology, Ehime Rehabilitation Center for Children, Ehime, Japan

O-115  A research of urinary beta2-microglobulin at early phase of acute encephalopathy in children  
HIROYUKI TORISU  
Department of Pediatrics, Graduate School of Medicine, Kyushu University, Fukuoka, Japan  
Early Diagnosis of Virus Associated Encephalopathy Study Group

O-116  Clinical evaluation of acute encephalopathy with biphasic seizures and late reduced diffusion (AESD)  
JUN-ICHI TAKANASHI  
Department of Pediatrics, Kameda Medical Center, Kamogawa, Japan  
Research Group on Measures for Intractable Encephalopathy (H22-Nanchi-Ippan-49), Japan

Acute Encephalitis & Encephalopathy 3

O-117  Therapeutic hypothermia for acute encephalopathy/encephalitis in children  
KAWANO GO  
Department of Paediatrics, St Mary's Hospital, Fukuoka, Japan

O-118  Anti-N-methyl-D-aspartate-receptor encephalitis in a three-year-old boy.  
CHIZURU IKEDA  
Kumamoto Saishunso National Hospital, Kumamoto, Japan

O-119  Study of differential diagnosis between Anti-NMDA receptor encephalitis and AERRPS  
ASAKO HORINO  
Department of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan

O-120  A girl case of anti-NMDA receptor encephalitis who is doing rapid recovery.  
TAKU OMATA  
Division of Child Neurology, Chiba Children's Hospital, Chiba, Japan

O-121  The side effect of antiepileptic drug for postencephalitis (second report: sleepiness)  
YUKIKO MOGAMI  
National Epilepsy Centre Shizuoka Institute Epilepsy and Neurological Disorders, Japan

Acute Encephalitis & Encephalopathy 4

O-122  Study of acute encephalitis with psychological symptoms in childhood  
MEGUMI NUKUI  
Department of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan
O-123  Management for pediatric febrile refractory status epilepticus affects occurrence of AEFCSE
HIROAKI NAGASE
Department of Neurology, Hyogo Prefectural Kobe Children's Hospital, Kobe, Japan

O-124  Findings of electroencephalography monitoring in AESD spectrum
SHINPEI ABE
Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan

O-125  Analysis of 43 cases of influenza-associated encephalopathy
MASAYO HANABUSA
Department of Pediatrics, Jichi Medical University, Tochigi, Japan

O-126  CSF Tau protein concentrations in acute disseminated encephalomyelitis
MOMOKO OKA
Yamaguchi University Graduate School of Medicine, Department of Pediatrics, Ube, Japan
Nagato General Hospital, Department of Pediatrics, Nagato, Japan

O-127  Four cases of AESD with mildly abnormal MRI
TAKESHI TSUJI
Department of Child Neurology, Okayama City Hospital, Aichi, Japan

Acute Encephalitis & Encephalopathy 5

O-128  Deep Gray Matter Lesions in Acute Encephalopathy with Biphasic Seizures and Late Reduced Diffusion
NAOKO HAYASHI
Central Hospital, Aichi Prefectural Colony, Kasugai, Japan

O-129  The study of 17 cases with delirium in influenza about Imaging and electroencephalographic findings
MITSURU KASHIWAGI
Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan

O-130  Pediatric Death due to 2009 Pandemic Flu Associated Encephalopathy
AKIHISA OKUMURA
Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan

O-131  Correlation between central sparing and clinical course in acute encephalopathy
TATSUYA FUKASAWA
Department of Pediatrics, Anjo-Kosei Hospital, Aichi, Japan

O-132  Study of acute encephalopathy without abnormality of magnetic resonance imaging
SATORU KOBAYASHI
Department of Pediatrics, Nagoya City University, Nagoya, Aichi, Japan

O-133  Severity of type A acute encephalopathy in the ABC-classification
FUMIO HAYAKAWA
Department of Child Neurology, Okayama City Hospital, Okayama, Aichi, Japan

Developmental Disorders 2

O-134  Early detection of autism in ethnic minorities at the routine infant health checkups
KIYOKUNI MIURA
Department of Child Neurology, Toyota Municipal Child Development Center, Toyota, Japan

O-135  High Functioning Pervasive Developmental Disorders with Motor Developmental Delay
KEIKO KOTERAZAWA
Himeji City Center for the Handicapped, Himeji, Japan

O-136  Cognitive functions in patients with 22q11.2 deletion syndrome -comparison with Williams syndrome-
MIHO NAKAMURA
Department of Functioning Science, Institute for Developmental Research, Aichi Human Service Center, Japan

O-137  Study about non-social problems for adult Asperger’s syndrome
JUNICHI FURUSHO
College of Education, Psychology and Human Studies, Department of Education, Aoyamagakuin University, Tokyo, Japan
Department of Psychiatry, School of Medicine, Showa University, Japan
O-138  Melatonin treatment of sleep-wake cycle disorders in children with brain damage
KEIKO HIRANO
Department of Pediatric Neurology, Shizuoka Children's Hospital, Shizuoka, Japan

Developmental Disorders 3

O-139  Clinical Study of early methylphenidate treatment response cases for children with AD/HD
TETSUJI KUBAGAWA
Matsudo Clinic, Chiba, Japan

O-140  Effects of atomoxetine in patients with pervasive developmental disorder associated with AD/HD
TOSHIKI HASHIMOTO
Department of Pediatrics, Japanese Red Cross Tokushima Hinomine Rehabilitation Center for People with Disabilities, Japan

O-141  Usefulness of administration of methylphenidate for AD/HD patients with epilepsy
YOSHIKO HIRANO
Department of Pediatric, Tokyo Women's Medical University Hospital, Japan
Matsudo Clinic, Chiba, Japan

O-142  A study of psychiatric symptoms and treatment of pervasive developmental disorder
TAKAYUKI NAOI
National Center for Child Health and Development, Tokyo, Japan

O-143  Advanced parental age and behavior in offspring of autism spectrum disorder
YOKO SUGIE
Department of Pediatrics, Hamamatsu University School of Medicine, Shizuoka, Japan

O-144  Behavioral Problems of Pervasive Developmental Disorder using SDQ
FUMIE HORIUCHI
Ehime University Graduate School of Medicine, Department of Neuropsychiatry, Ehime, Japan

Involuntary Movement & Basal Ganglia

O-145  A family of Paroxysmal kinesigenic dyskinesia
MEGUMI HOSHINA
Shizuoka Iryoufukushi Center, Shizuoka, Japan

O-146  Clinical Characteristic of Pediatric Restless Legs Syndrome (RLS)
YASUNORI OKA
Department of Sleep Medicine, Ehime University Graduate School of Medicine, Ehime, Japan

O-147  Low dose L-Dopa therapy for Gilles de la Tourette syndrome
KEI HACHIMORI
Segawa Neurological Clinic for Children, Japan

O-148  Case report - Paroxysmal tremulous movement followed by postural impairment in Angelman syndrome
KAZUE KIMURA
Segawa Neurological Clinic for Children, Tokyo, Japan

O-149  The experience of intrathecal baclofen therapy to two cases of intractable dystonia
HIDEKI HOSHINO
Department of Pediatric Neurology, National Center for Child Health and Development, Tokyo, Japan

O-150  Clinical features of 12 cases with Hyperekplexia having glycnergic neurotransmissive gene mutations
JUN MINE
Department of Pediatrics, Shimane University School of Medicine, Shimane, Japan

Epilepsy & Seizure 5

O-151  Epileptic characterization and their basic pathogenesis in 4 infants with cerebrovascular thrombosis
KYOKO KIYOTA
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O-152 Surgical indication in epilepsy with porencephaly due to perinatal middle cerebral artery infarction
YUKI UEDA
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O-153 Efficacy and tolerability of lamotrigine in children with epilepsy
SHIN-ICHIRO HAMANO
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O-154 An effect of lamotrigine for various epileptic seizure types
TOSHIHIDE WATANABE
Department of Pediatrics, Hokkaido Medical Center for Child Health and Rehabilitation, Sapporo, Japan

O-155 Clinical Investigation of Lamotrigine for Patients with Intractable Childhood Onset Epilepsy
WAKAKO ISHII
Department of Pediatrics and Child Health, Niho University School of Medicine, Japan

O-156 Efficacy of lamotrigine and ACTH combined therapy against West syndrome
MASAHIRO ITO
Department of Pediatrics, Tokyo Metropolitan Bokutoh Hospital, Japan

O-157 The evaluation of oxidative stress during ACTH therapy in West syndrome
HIROAKI ONO
Department of Pediatrics, Hiroshima Prefectural Hospital, Hiroshima, Japan

Congenital Anomaly & Chromosomal Abnormality

O-158 Investigation of the deletion region in Japanese patients with 1p36 deletion syndrome
TOSHIYUKI YAMAMOTO
Tokyo Women's Medical University Institute for Integrated Medical Sciences, Tokyo, Japan

O-159 A case of neurofibromatosis type 1 with glaucoma in infancy
TOMOMI HARAI
Department of Pediatrics Faculty of Medicine, University of Toyama, Toyama, Japan

O-160 Crouzon syndrome, Apert syndrome, Pfeiffer syndrome
SHIN OKAZAKI
Department of Pediatric Neurology, Osaka City General Hospital, Osaka, Japan

O-161 In utero exposure to dioxin causes neocortical dysgenesis through the actions of p27Kip1
TAKAYUKI MITSUHASHI
Department of Pediatrics, School of Medicine, Keio University, Tokyo, Japan

Brain Tumor & Neurosurgery

O-162 Surgical outcome of the Sturge-Weber syndrome
HAJIME NAKANISHI
Department of Neurosurgery, Juntendo University, Japan

O-163 Surgical therapy for Sturge-Weber syndrome
HIDENORI SUGANO
Department of Neurosurgery, Juntendo University, Japan

O-164 Two cases of intramedullary spinal astrocytoma manifesting mild symptoms at the first examination
KONOMI SHIMODA
Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Japan

O-165 A case of syringomyelia presenting as acute progressive gait disturbance
YUJI HASHIMOTO
Department of Pediatrics, Chiba Kaihin Municipal Hospital, Chiba, Japan

O-166 Treatment strategy for renal angiomyolipoma in patients with Tuberous Sclerosis
HIDEAKI TANAKA
Division of General Surgery, National Center for Child Health and Development, Tokyo, Japan
O-167 A short-term effect of the levetiracetam use example for the intractable epilepsy
MITSUHIRO MATSUO
Nagasaki Prefectural Center of the Handicapped Children, Japan

Cerebral Palsy & Care

O-168 Organic diseases and epilepsies in patients with extreme severe motor and intellectual disabilities
RYUJI KAGEYAMA
Nagaokaryokuen, Nagaoka, Japan

O-169 Long term prognosis of SMID patients required entotraheal intubation
ATSUKO YAMAMOTO
Department of General Pediatrics, Kanagawa Children's Hospital, Yokohama, Japan
Department of Pediatrics, Tsuchiura General Hospital, Ibaraki, Japan

O-170 Investigation of gastroesophageal reflux in cases of severely disabled children
TOMOKO KIRINO
National Hospital Organization Kagawa Children's Hospital, Kagawa, Japan

O-168 Organic diseases and epilepsies in patients with extreme severe motor and intellectual disabilities
RYUJI KAGEYAMA
Nagaokaryokuen, Nagaoka, Japan

O-171 Energy expenditure by indirect calorimetry in children with severe motor and intellectual disability
NOBUAKI IWASAKI
Department of Pediatrics, Ibaraki Prefectural University of Health Science, Inashiki, Ibaraki, Japan

O-172 The Factors to Acquire to Walk for Motor Handicapped Children from the Viewpoint of Foot Stamp
SHIGERU HANAOKA
Johnnan-Branch, Tokyo Metropolitan Kita Medical and Rehabilitation Center for the Disabled, Tokyo, Japan

Epilepsy & Seizure 6

O-173 Clinical characteristics of West syndrome with choreic movement
JUN TOHYAMA
Department of Pediatrics, Nishi-Niigata Chuo National Hospital, Japan
Department of Pediatrics, Niigata University Medical and Dental Hospital, Japan

O-174 Childhood absence epilepsy associated with diurnal enuresis
TAKAMASA KISHI
Department of Pediatrics, KKR Hiroshima Memorial Hospital, Japan

O-175 High coexistence of neurally mediated syncope in patients with juvenile myoclonic epilepsy
MASAHIRO TAKEGUCHI
Department of Pediatrics and Child Neurology, Oita University Faculty of Medicine, Oita, Japan

O-176 The investigation for the role of serum prolactin in pseudoseizure
FUMIKAZU SANO
Department of Pediatrics, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan

O-177 Treatment of Status Epilepticus
YOKO MORIYAMA
Yachiyo Medical Center, Chiba, Japan

Epilepsy & Seizure 7

O-178 Clinical characteristics of fourteen infants who had got West syndrome after neonatal asphyxia
TAKEHI NOUE
Division of Neonatology, Saitama Children's Medical Center, Saitama, Japan
Department of Pediatrics, Dokkyo Medical University Koshigaya Hospital, Saitama, Japan

O-179 Spontaneous remission of West syndrome after RS virus infection
KEISUKE UEDA
Department of Pediatrics, Keio University, Tokyo, Japan

O-180 Discontinuation of vitamin B6 and antiepileptic drugs after seizure control in West syndrome
YASUHIRO SUZUKI
Department of Pediatric Neurology, Osaka Mediical Center and Research Institute for Mataenal and Child Health, Izumi, Japan
O-181  A good response to antiepileptic drugs for West syndrome with preterm birth
TAKEO MURE
Department of Pediatrics, Kobe University Graduate School of Medicine, Japan

O-182  Ineffective cases of West syndrome with tuberous sclerosis for vigabatrin therapy
NAOKI ANDO
Department of Pediatrics and Neonatology, Nagoya City University, Graduates School of Medical Sciences, Nagoya, Japan

O-183  Efficacy and cerebrospinal fluid finding of West syndrome by intravenous immunoglobulin therapy
RYUKI MATSUURA
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Department of Pediatrics, The Jikei University School of Medicine, Tokyo, Japan

Epilepsy & Seizure 8

O-184  Assessment of thalamic blood flow in intractable epilepsy with callosotomy using SPECT
AKIHIKO ISHIYAMA
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

O-185  Characteristics of epilepsy in focal cortical dysplasia in childhood
NORIYUKI AKASAKA
Department of Pediatrics, Epilepsy Center, Nishi-Niigata Chuo National Hospital, Niigata, Japan

O-186  Epidemiology of status epilepticus in Tottori prefecture
YOSHIHIRO MAEGAKI
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O-187  Cognitive outcome of 62 epileptic patients with focal cortical dysplasia
NOBUSAKE KIMURA
National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan

O-188  Effect of antiepileptic drugs to abnormal movements without EEG findings
KAZUYA GOTO
Division of Pediatrics, NHO Nishibeppu National Hospital, Japan

O-189  Analysis of the Intelligence with Panayiotopoulos syndrome (PS) using the Wechsler Intelligence Scale
YOSHIKO HIRANO
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

Infection & Autoimmune Disease

O-190  Clinical course toward definite diagnosis and brain images of congenital cytomegalovirus infection
MANABU TANAKA
Division of Neurology, Saitama Children's Medical Center, Japan

O-191  Clinical feature and characteristic head MRI findings of congenital cytomegalovirus infection
MITSUGU UEKATSU
Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan

O-192  Comparison between symptomatic and asymptomatic cases with congenital cytomegalovirus infection
MIEKO YOSHIKOA
Department of Pediatric Neurology, Kobe City Pediatric and General Rehabilitation Center for the Challenged, Japan

O-193  Clinical characteristic of pediatric multiple sclerosis in Japan
YUI YAMAGUCHI
Faculty of Medicine, Kyushu University, Fukuoka, Japan

O-194  TNF alpha may induce marked polymorphonuclear cell predominance in the CSF with bacterial meningitis
YASUHIKO KAWAKAMI
Department of Pediatrics, Nippon Medical School Tama Nagayama Hospital, Japan
Imaging

O-195 Preliminary analysis of anomalies in pyramidal tract of the brainstem
MUTSUKI SHIODA
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

O-196 Association between callosal injury assessed by tractography and neurodevelopmental outcome
TATSUJI HASEGAWA
Department of Pediatrics, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan

O-197 Hippocampal abnormality on diffusion-weighted images in prolonged or clustered febrile seizures
HIROYUKI YAMAMOTO
Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan

O-198 Acute encephalopathy with reduced diffusion in diffuse subcortical white matter at acute phase
SOOYOUNG LEE
Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

O-199 Differences in the time course of splenial and white matter lesions in MERS
HIROKO TADA
Department of Pediatrics, Chiba-ken Saiseikai Hospital, Chiba, Japan

O-200 Age specific benzodiazepine receptor distribution in children by using 123I iomazenil SPECT
DAISUKE USUI
Shizuoka Institute of Epilepsy and Neurological Disorders, Japan

O-201 Diagnosis and surgical treatment of severe stenosis of foramen magnum associated with achondroplasia
HIROAKI SAKAMOTO
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Autonomic Nerves, Headache & Vascular Disease

O-202 Three cases of migraine which was difficult to differ from epilepsy
HIROHIKO OZAKI
The Pediatrics, Hiratsuka Kiyosai Hospital, Kanagawa, Japan

O-203 Profiles of blood biomarkers in alternating hemiplegia of childhood
TAKEHIKO INUI
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O-204 Highschool students suffering from SIH cannot attend the entrance examinations
TAKASHI MITSUFUJI
Department of Neurology, Saitama Medical School, Saitama, Japan

O-205 Identification of susceptibility gene for Moyamoya disease
SHIGEO KURE
Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan

O-206 Basic pathogenesis of proliferative vascular anomalies in 9 patients with Klippel-Trenaunay syndrome
SO-ICHI SUENOBU
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Metabolic Disease 1

O-208 A case of Adrenoleukodystrophy with pyramidal tract lesion
AKIHIKO MIYAUCHI
Department of Pediatrics, Jichi Medical University, Tochigi, Japan
O-209 Epidemiologic study of Congenital dysmyelinating disorders of central nervous systems
YURIKA NUMATA
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Department of Pediatrics Tohoku University School of Medicine, Sendai, Japan

O-210 Ten cases with early onset Dentatorubral-Pallidoluysian Atrophy of childhood
YOSHIHIRO WATANABE
Division of Neurology, Kanagawa Children's Medical Center, Yokohama, Japan
Department of Pediatrics, Yokohama City University Medical Center, Yokohama, Japan

O-211 Nation-wide survey of long-term clinical course and management in patients with Cockayne syndrome
SAYAKA OHTA
Department of Neurology, National Center for Child Health and Development, Tokyo, Japan

O-212 A long-term clinical course of childhood cerebral adrenoleukodystrophy
YOSHIKO TSUBOUCHI
Division of Child Neurology, Institute of Neurological Sciences, Tottori University School of Medicine, Tottori, Japan

O-213 Lesions of monoaminergic neuron system in patients with xeroderma pigmentosum group A
MASAHARU HAYASHI
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Metabolic Disease 2

O-214 Chemical chaperone therapy for Gaucher disease type3
AYA NARITA
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O-215 Clinical and genetic study of 42 Japanese patients with Type2 Gaucher disease
TAICHI WAKABAYASHI
Department of Pediatrics Jikei University School of Medicine, Japan

O-216 Fabry database: study on molecular pathology and prediction of clinical phenotype of Fabry disease
HITOSHI SAKURABA
Departments of Analytical Biochemistry and Clinical Genetics, Meiji Pharmaceutical University, Tokyo, Japan

O-217 A baby with mucopolysaccharidosis type II found by newborn screening for lysosomal storage diseases
AKEMI TANAKA
Department of Pediatrics, Osaka City University Graduate School of Medicine, Osaka, Japan

O-218 The Efficacy on the Brain of Enzyme Replacement Therapy for Mucopolysaccharidosis II
TOMO SAWADA
Department of Pediatrics, Osaka City University Graduate School of Medicine, Osaka, Japan

O-219 Nationwide survey of Alexander disease in Japan
TOMOKATSU YOSHIDA
Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan

Metabolic Disease 3

O-220 Study of the diagnosis for atypical cases with Wilson disease
NORIKO ISOGAI
Department of Pediatrics, Toho University School of Medicin, Ohashi Medical Center, Japan

O-221 A case of neurological Wilson disease diagnosed by molecular genetic analysis
RIE ANZAI
Devision of Neurology, Kanagawa Childrens Medical Center, Japan

O-222 Present report of mitochondrial respiratory chain disorders in Japan
KEI MURAYAMA
Department of Metabolism, Chiba Children's Hospital, Chiba, Japan
O-223  High dose riboflavin therapy for a case of L-2-hydroxyglutaric aciduria  
SHINJIRO AKABOSHI  
Department of Pediatrics, National Hospital Organization Tottori Medical Center, Tottori, Japan

O-224  Transiently high serum lactic acid in patients with monocarboxylate transporter 8  
MASATSUNE ITOH  
Department of Pediatrics, Kanazawa Medical University, Ishikawa, Japan

O-225  A case of CPT 2 deficiency with acute encephalopathy related to HHV-6 infection  
YOSHIYUKI KOBAYASHI  
Department of Pediatrics, Hiroshima University Graduate School of Biomedical Sciences, Hiroshima, Japan
Muscular Disease 1

P-001  Haplotype-phenotype correlation and survival analysis in Fukuyama congenital muscular dystrophy
KOICHI MARUYAMA
Department of Pediatric Neurology, Central Hospital, Aichi Welfare Center for Persons with Developmental Disabilities, Kasugai, Japan

P-002  First trimester chorionic villi have a myogenic potential for muscular dystrophy therapy
REIKO ARAKAWA
Institute of Medical Genetics, Tokyo Women's Medical University, Tokyo, Japan

P-003  Survey about child neurologist trends in informing boys with DMD of their disease
TOSHIO SAITO
Division of Neurology, National Hospital Organization Toneyama National Hospital, Toyonaka, Japan

P-004  Genetic Testing of spinal muscular atrophy and SMARD1
MAKIKA Saitoh
Department of Developmental Medical Sciences, Graduate school of Medicine, University of Tokyo, Japan

P-005  A case of spinal muscular atrophy 3 with a missense mutation of SMA1 with rapid motor deterioration
SOICHIRO TODA
Pediatrics, Kameda Medical Center, Kamogawa, Japan

P-006  Spine surgery for neuromuscular scoliosis in Japan
TOSHIO SAITO
Division of Neurology, National Hospital Organization Toneyama National Hospital, Toyonaka, Japan

P-007  The 11 Cases of Myasthenia Gravis
NOBUYOSHI SUGIYAMA
Department of Pediatrics, Tokai University School of Medicine, Kanagawa, Japan

P-008  Three cases of pneumonia and atelectasis treated by intrapulmonary percussive ventilation
REINA OGATA
Kokura Medical Center, Kukura, Japan

Muscular Disease 2

P-009  Childhood onset of dysferlinopathy with calf hypertrophy
CHITOSE SUGIURA
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Division of child neurology, Tottori University, Tottori, Japan

P-010  CAV gene mutation with rippling muscle disease
SACHIKO ONAI
Department of Pediatrics, Tokyo Women's Medical University, Tokyo, Japan
Department of Neuromuscular Research, National Institute of Neuroscience, NCNP, Tokyo, Japan

P-011  X-Linked Myotubular Myopathy; a case report with fatal hepatic hemorrhage.
TAKAHIRO MOTOKI
Uwajima City Hospital, Uwajima, Japan

P-012  A case of mitochondrial disease with hyperlactosis in infancy
KOJI TOMINAGA

P-013  Reconsideration of juvenile polymyositis
RIE TSUBURAYA
Department of Neuromuscular Research, National Institute of Neuroscience, NCNP, Tokyo, Japan
Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan

P-014  Five cases of autoimmune myopathies
YUKARI ENDO
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan
P-015  Hypo-globulinemia in patients with congenital myotonic dystrophy
TARO MATSUOKA
Department of Pediatrics, Toyonaka Municipal Hospital, Osaka, Japan

P-016  Paramyotonia congenita in a Japanese boy.
HIDEE ARAI
Department of Neurology, Chiba Children's Hospital, Chiba, Japan

Developmental Disorders 1

P-017  An effect and a side effect of Methylphenidate and Atomoxetine for ADHD
MASAKO NAGASHIMA
Jichi Children's Medical Center Tochigi, Japan

P-018  WITHDRAWN

P-019  Survey of Atomoxetine Therapy for Attention Deficit Hyperactivity Disorder
JUN SHIMIZU
Tochigi Rehabilitation Center, Department of Pediatrics, Tochigi, Japan

P-020  Fourteen cases of ADHD in our hospital
SHINYA KOIZUMI
Department of Pediatrics, Nippon Medical School Chiba Hokusou Hospital, Inzai, Japan

P-021  The effect of medication on continuous performance test in children with AD/HD
AKIKO ARAKI
Department of Pediatrics, Asahikawa Medical University, Asahikawa, Japan

P-022  A 20 year-old women with ADHD who complain various sleep problem for stimulants.
KUMI KATO
Ota Memorial Sleep Center, Japan

P-023  Effectiveness of aripiprazole in a clinic - Clinical experience of 70 patients -
HIROYOSHI KOIDE
Hello Clinic, Higashimatsuyama, Japan

P-024  The effect of Bio-Active Therapy to autism
HIROKI TAKAHASHI
Tani Clinic, Japan

P-025  Investigation of medication in children with autism and other pervasive developmental disorders
TAKASHI ENOKIZONO
Department of Child Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Tokyo, Japan

Developmental Disorders 2

P-026  Clinical research of "Attention-Deficit Hyperactivity" in the infancy
KENJI NOMURA
Center for Developmental Clinical Psychology and Psychiatry, Nagoya, Japan

P-027  Brief checklist of developmental disorders at the age from 4 to 6 years for general pediatricians
MASAHITO MIYAZAKI
Department of Pediatrics, Miyoshi Medical Clinic, Higashikagawa, Japan
Department of Pediatrics, The Institute of Health Bioscience, The University of Tokushima Graduate School, Tokushima, Japan

P-028  The child why other diseases were discovered with the main complaint of the developmentaldisability
HIROTO AKAIKE
Department of Pediatrics, Kawasaki Medical School, Okayama, Japan

P-029  Clinical studies of head circumference and higher brain function in children with PDD
JUNICHI ITO
Hokkaido Habilitation Center for People with Developmental Disabilities, Japan
P-031  Eye movement of reading in developmental dyslexia
KENTARO HANAOKA
The Pediatrics of Showa-University Hospital, Tokyo, Japan

P-032  Clinical findings in patients diagnosed as developmental disorders after their health check-ups
HARUMI GOTO
Department of Pediatrics, Himawari Gakuen, Saitama Municipal General Center for the Physically, Mentally and Auditory Handicapped, Saitama, Japan

P-033  Asperger's disorder of female
YUKO YAMAUCHI
National Center for Child Health and Development, Japan
Department of Pediatrics, Jikei University School of Medicine, Japan

P-034  Generation and Characterization of the CDKL5 Knockout Mouse
TERUYUKI TANAKA
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P-035  Identification and characterization of interacting proteins of CDKL5
TERUYUKI TANAKA
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Epilepsy & Seizure 1

P-036  Cytokine and chemokine levels in the cerebrospinal fluid of patients with West syndrome
YU ISHIDA
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P-037  Intravenous injection of phenobarbital for benign convulsions with mild gastroenteritis
YUICHI TAKAMI
Himeji Red Cross Hospital, Hyogo, Japan

P-038  A case of repeated afebrile convulsion with mild gastroenteritis
MINORU ASADA
Department of Pediatrics, PL General Hospital, Tondabayashi, Osaka, Japan

P-039  Convulsive Diseases in Osaka Infant Home
TAKAKO MISAKI
Department of Pediatrics, Osaka Saiseikai Natatsu Hospital, Osaka, Japan
Osaka Infant Home, Osaka, Japan

P-040  A case of febrile myoclonus
MICHIKO TORIO
Department of Pediatrics, Japanese Red Cross Fukuoka Hospital, Fukuoka, Japan

P-041  Establishment of the standardized diagnostic and therapeutic system for breath holding spell
ZENICHIRO KATO
Department of Pediatrics, Graduate School of Medicine, Gifu, Japan

P-042  A case of a boy who has become restless after the repetitive complex partial seizures with IgG-GluR
KEIKO KAMAYACHI
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P-043  A case of severe myoclonic epilepsy in infancy (autopsy case)
SHOICHI ENDO
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P-044  Acute encephalopathy with severe myoclonic epilepsy in infancy.
YASUKO NAKAMURA
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Epilepsy & Seizure 2

P-045  Early-onset absence epilepsy with onset in early infancy
YU KOBAYASHI
Nishi-Niigata Chuo National Hospital, Niigata, Japan

P-046  A case of symptomatic partial epilepsy presenting epileptic negative myoclonus
AYA IWATA
Department of Pediatrics, Nishikobe Medical Center, Kobe, Japan

P-047  A case of four year old autistic boy with pattern-sensitive epilepsy
IKUHIKO SHIBUYA
Department of Pediatrics Child Health, Kurume University School of Medicine, Kurume, Japan

P-048  Two cases of nocturnal frontal lobe epilepsy diagnosed by video-monitoring electroencephalogram
TAKAKO FUJITA
Department of Pediatrics, Fukuoka University, Fukuoka, Japan

P-049  Two cases of EEG exacerbation during treatment with CBZ
SHIZUKA MATSUOKA
National Hospital Organization Kagawa Children's Hospital, Japan

P-050  EEG patterns of nonconvulsive seizures in pediatric neuro-intensive care unit
AZUSA MARUYAMA
Kobe Children's Hospital, Kobe, Hyogo, Japan

P-051  A case of Rud Syndrome with bilateral occipital spike and waves on EEG
REIMI TSURUSAWA
Department of Pediatrics, Chikushi Hospital, Fukuoka University, Fukuoka, Japan

P-052  Fast oscillations in spasms of Lennox-Gastaut syndrome
TOHRU OKANISHI
Department of Child Neurology, Seirei-Hamamatsu General Hospital, Hamamatsu, Japan

P-053  The effect of iv DZP to high-frequency oscillation associated with a CSWS EEG pattern
YOSHIHIRO TOUDA
Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan

Cerebral Palsy & Care (The Reality, Home & Medical Care)

P-054  Research for severe disabled children of Miyagi prefecture
SOICHIRO TANAKA
Takuto Rehabilitation Center, Miyagi, Japan

P-055  A group study for medical intervention of the long-term severely disabled children and adult
YUKI ANZAI
Saiseikai Yokohama Tobu Hospital, Institute of Severely Disabled Children "Salvia", Japan
Aichi Prefecture Aoiotori Medical-Welfare Center

P-056  A study of staff work in three institutions for severe motor and intellectual disabilities (SMID)
TADASHI MATSUBASA
Chair of Severe Motor and Intellectual Disabilities, Kumamoto University Hospital, Kumamoto, Japan
Kumamoto-Ashikita Medical Center for Severe Motor and Intellectual Disabilities, Ashikita-machi, Kumamoto, Japan

P-057  A questionnaire survey about the cooperation with the clinics for handicapped children
MIO WATANABE
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P-058  Care system for outpatients with severe motor and intellectual disabilities
KOUSUKE NAKAMURA
Department of Pediatrics, National Hospital Organization Kofu Hospital, Kofu, Yamanashi, Japan
Department of Pediatrics, Faculty of Medicine, University of Yamanashi, Chuo, Yamanashi, Japan
P-059  The present situation of children with SMID, medical care dependent group
HIROSHI OZAWA
Department of Pediatrics, Shimada Ryoiku Center, Japan

P-060  Derivery training system for spreading the medical care at handicapped centers
KIYOTAKA MURAKAMI
The Nakano Children's Hospital, Japan

P-061  The present situation of medical care in the special school for children with disabilities
YUKI KAJITANI
Area of Nursing Science Course of Health Science, Graduate School of Medicine Osaka University, Japan

P-062  Children of severe motor and intellectual disabilities at special support school in Chiba Prefecture
MITSUKO ISHII
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Cerebral Palsy & Care (Treatment & Gastrostoma)

P-063  How much energy do people with developmental/multiple disabilities need ?
IKUKO SATO
Department of Pediatrics, Tokyo Metropolitan Tobu Medical Center for Persons with Developmental/Multiple Disabilities, Japan

P-064  The study of suitable nutritional approach for persons with developmental multiple disabilities
YUMI OKOSHI
Tobu Medical Center for Persons with Developmental Multiple Disabilities, Tokyo, Japan

P-065  Abnormal PIVKA-II levels in patients with SMID
AKIKO NAGAE
Biwako Gakuen Kusatsu Medical and Welfare Center for Children or Persons with Severe Motor and Intellectual Disabilities, Shiga, Japan

P-066  Vitamin D deficiency in severe motor and intellectual disabilities with blender-pureed regular diet
YASUKO KOBAYASHI
Nishitaga National Hospital, Japan

P-067  Manual injection of processed food in a blender is useful in motor and intellectual disabilities
YUSAKU ENDO
Department of Pediatric Neurology, Hamamatsu City Medical Center for Developmental Medicine, Hamamatsu, Japan

P-068  Severe motor and intellectual disorders with gastrostomy observed at community hospital
CHIKA HOSODA
Department of Pediatrics, Tottori Prefectural Central Hospital, Tottori, Japan

P-069  Gastrostomy for disability
RYUICHI KUSAMA
Ashikaga-no-mori Ashikaga Hospital, Tochigi, Japan

P-070  Treatment of paralytic ileus and aerophagia with intermittent aspiration therapy in eight patients
USHIO OHTAKI
Department of Pediatrics and Rehabilitation, Shimada Center for Rehabilitation and Neurodevelopmental Intervention, Tama, Tokyo, Japan

P-071  Postoperative management for gastrostomy in patients with epilepsy and cerebral palsy
MANABU TANAKA
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Developmental Disorders (Treatment & Support) 1

P-072  Examination of pervasive developmental disorders first visit to my hospital under three years of age
KANAKO NAKANO
Pediatrics, Rokko Island Hospital, Kobe, Hyogo, Japan
P-073 The roles of child neurology doctor in special supportive education
YUKIKO NAKAMURA
Department of Pediatrics, Kyorin University, Tokyo, Japan

P-074 The effect on case support meetings for children with school problems called by medical side
YUKO HAYASHI
Department of Pediatrics, Clinic in affiliation with Faculty of Health and Welfare, Prefectural University of Hiroshima, Mihara, Japan

P-075 Investigation of actual conditions concerning sibling supports of autism in Fukui Prefecture
MASAO KAWATANI
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Fukui Autism Society, Fukui, Japan

P-076 The effectiveness of a support program in Osaka for children with developmental disorder
HIROKO OKUNO
Molecular Research Center for Children's Mental Development, United Graduate School of Child Development, Osaka University, Kanazawa University and Hamamatsu University School of Medicine, Osaka, Japan

P-077 Parental evaluation about time of diagnosis and acceptance of child with HFPDD
TAISHI MIYACHI
Akebono Gakuen of Nagoya, Japan

P-078 Three-small-group training for autistic children from our outpatient section
AKEMI TSUDA
Fukui Prefectual Rehabilitation Center For Children With Disabilities, Fukui, Japan

P-079 Informing Clients and their Parents of Developmental Disorders: A Survey Report (1)
HIROMI KOTANI
The Faculty of Social Welfare, Hanazono University, Kyoto, Japan

P-080 Investigation of Autism Spectrum Disorders with little effectiveness after educational supports
MIYUKI TORII
Faculty of Child Development and Education, Uekusa-Gakuen University, Chiba, Japan
Nonprofit organization Sennoha Institute of Education and Science, Chiba, Japan

Developmental Disorders (Treatment & Support) 2

P-081 An Applying Play Therapeutic Approach(PTA) to young Children with Asperger's syndrome
SAKAKE MIZUSHIMA
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P-082 A role of occupational therapist for children with Pervasive Developmental Disorders
HIROKO SASAGAWA
Graduate School of Health Sciences, Kobe University, Kobe, Japan
Department of Rehabilitation, Kobe University Hospital, Japan

P-083 Practical parent training program for parents of adolescents with developmental disabilities
RISA MATSUO
Graduate School of Medical Sciences Tottori University Faculty of Medicine, Tottori, Japan

P-084 First Report; Effectiveness of social skill training for children with HFPDD and those parents
TOMOKA YAMAMOTO
Molecular Research Center for Children's Mental Development, United Graduate School of Child Development, Osaka University, Kanazawa University and Hamamatsu University School of Medicine, Japan

P-085 The Second Report; Effectiveness of social skill training for children with HFPDD and those parents
HIROKO OKUNO
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P-086 Management of brother case with pervasive developmental disorder and attachment disorder
TAISHI MIYACHI
Department of Pediatrics, Kosai City Hospital, Shizuoka, Japan
P-087  5 year-old health check-up and follow up -Questionnaire of first grade teachers-
HIROMI HOSAKA
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Department of Pediatrics, Yamanashi Kousei Hospital, Japan
Department of Health Science and Community, Faculty of Medicine, University of Yamanashi, Chuo, Yamanashi, Japan

P-088  A case of autism spectrum disorder with secondary problem successfully treated with aripiprazole
MASATO MAEDA
Department of Pediatrics, Kochi Prefectural Aki hospital, Aki, Japan

P-089  Objective estimation of interventional effects in PDD children: an ERP study
ATSUKO GUNJI
National Institute of Mental Health, National Institute of Mental Health, Kodaira, Japan

Imaging 1

P-090  Relationships between WISC-III subtests and gray matter volume in healthy children
AYUMI SEKI
Department of Regional Education, Faculty of Regional Sciences, Tottori University, Japan
National Hospital Organization Tottori Medical Center, Japan
JST/RISTEX, Japan Children's Study Group, Japan

P-091  Developmental change and gender differences in gray matter volume in normal children
AYUMI SEKI
Department of Regional Education, Faculty of Regional Sciences, Tottori University, Japan
National Hospital Organization Tottori Medical Center, Japan
JST RISTEX, Japan Children's Study Group, Japan

P-092  Abnormal eating behavior and regional cerebral blood flow in Prader-Willi syndrome
KAЕKO OGURA
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Department of Behavioral Neurology and Cognitive Neuroscience, Tohoku University Graduate School of Medicine, Sendai, Japan

P-093  Hippocampal infolding assessed by MR imaging
SHINO SHIMADA
Tokyo Women's Medical University, Japan

P-094  MRI findings of Macrocephaly - Cutis Marmorata Telangiectatica Congenital
SHINYA NINOMIYA
Department of Pediatrics, Faculty of Medicine, Fukuoka University, Fukuoka, Japan

P-095  X-linked mental retardation and hypomyelination in male siblings without PLP1 gene abnormalities
MEGUMI TSUJI
Division of Neurology, Kanagawa Children's Medical Center, Yokohama, Japan

P-096  The neuroimaging finding and clinical appearance in Transmantle heterotopia
MAYUMI MATSUFUJI
Yanagawa Institute for Developmental Disabilities, Fukuoka, Japan

P-097  Unique DWI findings during status epilepticus in a patient with mitochondrial DNA depletion syndrome
KEIKO SAITO
Shiga Medical Center for Children, Japan

P-098  A case of Alexander disease who showed palatal myoclonous
MASAHARU OHFU
Okinawa Prefectural Nanbu Medical Center-Children's Medical Center, Okinawa, Japan

Imaging 2

P-099  Eosinophilic arthritis and osteomyelitis in a case of microcephaly with simplified gyral pattern
KAZUYUKI NAKAMURA
Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan
P-100  The comparison between the lactic acid of spinal fluid and the one of H-MRS analyzed by L.C.model
TOSHIYUKI MANO
Division of Pediatric Neurology, Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan

P-101  A case report of lipoma of corpus callosum complicated with epidermis
TARO KITAMURA
Department of Pediatrics, Sendai City Hospital, Sendai, Miyagi, Japan

P-102  A case of high grade neuroepithelial tumor with white matter lesion
YUKO TANIGUCHI
Jichi Children's Medical Center Tochigi, Japan

P-103  The case of a large intra medullary dermoid cyst of the spinal cord due to thoracic dermal sinus
KENTARO OKAMOTO
Department of Pediatrics, Ehime Prefectural Central Hospital, Ehime, Japan

P-104  A patient of Neurofibromatosis type II with Chiari malformation type I
KENJI ORII
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P-105  Neonatal Parechovirus type 3 encephalopathy with delayed deep white matter abnormalities
MASAHARU OHFU
Okinawa Prefectural Nanbu Medical Center-Children's Medical Center, Okinawa, Japan

P-106  Tuberculoma in the brain
KATSUNORI FUJII
Department of Pediatrics, Chiba University Graduate School of Medicine, Japan

P-107  Repetitive acute encephalopathy with reversible abnormal intensity of white matter and corpus callosum
ATSUSHI YOKOYAMA
Shimane Prefectural Central Hospital, Izumo, Japan

Acute Encephalitis & Encephalopathy 1

P-108  Investigation of disturbance of consciousness with fever and good prognosis
KEIJI SOEBIJANTO
Department of Child Neurology, Fukuoka Children's Hospital, Fukuoka, Japan

P-109  Case examination of acute encephalopathy of five years in this hospital
YOHANE MIYATA
Department of Pediatrics, Kyorin University, Japan

P-110  Analysis of 40 cases of acute encephalopathy
MOTOKO INOUE
Department of Pediatrics, Jichi Medical University, Tochigi, Japan

P-111  Clinical evaluation of short-term outcomes in acute encephalopathy
KENJIRO KIKUCHI
Division of Neurology, Saitama Children's Medical Center, Saitama, Japan
Department of Pediatrics, Jikei University School of Medicine, Tokyo, Japan

P-112  Effect of edaravone in the treatment of patients with acute encephalopathy
NAOYUKI TANUMA
Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled, Tokyo, Japan
Department of Clinical Neuropathology, Tokyo Metropolitan Institute for Neuroscience, Tokyo, Japan

P-113  Rehabilitation in acute encephalopathy
MANA KURIHARA
Department of Pediatrics, The Kanagawa Rehabilitation Center, Kanagawa, Japan
Department of Pediatrics, Jikei University School of Medicine, Japan
P-114  Clasmatodendrosis in influenza encephalopathy
MASAYA TACHIBANA
Department of Pediatrics, Osaka University Graduate School of Medicine, Suita, Japan
Molecular Research Center for Children's Mental Development, Osaka University Graduate School of Medicine, Suita, Japan

P-115  Management of a case with higher brain dysfunction after acute encephalopathy
RIE ANZAI
Department of Pediatrics, The Kanagawa Rehabilitation Center, Kanagawa, Japan

Acute Encephalitis & Encephalopathy 2

P-116  Two cases of mumps encephalitis without swelling of the parotid gland
KAORU HIRAI
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P-117  4 cases of hand-foot-mouth disease with central nerve system disorder
YOSHIHIRO TAKESHITA
Pediatrics, Hyogo Prefectural Tsukaguchi Hospital, Japan

P-118  A case of Bartonella henselae encephalopathy followed by reversible white matter lesion
TAKATOSHI HOSOKAWA
Department of Pediatrics, Kochi Medical School, Kochi University, Nankoku, Japan

P-119  A case of acute encephalopathy with congenital adrenal hyperplasia
SATORU IKEMOTO
Pediatric Department, The Jikei University of Medicine, Tokyo, Japan

P-120  A case of HUS encephalopathy with distinctive MRI findings
MOTOMASA SUZUKI
Department of Pediatric Neurology, Aichi Children's Health and Medical Center, Obu, Japan

P-121  A patient of limbic encephalitis 17 years after the bone marrow transplantation for SCID
TERUAKI MATSUI
Nagoya University Hospital, Japan

P-122  Acute encephalopathy associated with EBV-HLH: a case report
TAKUYA YOKOTA
Seirei Hamamatsu General Hospital, Hamamatsu, Japan

P-123  A Case of mycoplasma encephalitis focus in basal ganglia
NANAKO UNO
Department of Pediatrics, Nagasaki University Hospital, Japan

P-124  A case of coxsackievirus B2 meningoecephalitis with symmetrical substantia nigra lesions
TAKUJI IMAMURA
Department of Pediatrics, PL General Hospital, Japan

Infection & Autoimmune Disease 1

P-125  Acute cerebellar ataxia in primary human herpesvirus-6 infection
SACHIKO SHIMOZATO
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P-126  2 cases of central nervous system disorder with Epstein-Barr virus infection
KAYANO Igarashi
Department of Pediatrics, Asahikawa Kosei Hospital, Asahikawa, Japan

P-127  A Case of Bilateral Striatal Necrosis Associated with Mycoplasma pneumoniae infection
FUKIKO RYUJIN
Department of Pediatrics, Shiga University of Medical Science, Otsu, Japan

P-128  Infant botulism diagnosed initially as acute encephalitis or encephalopathy
MASAFUMI SANEFUJI
Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan
P-129 A case of Neuromyelitis Optica: A 3 years old age girl  
IKUKO HIRATA  
Department of Pediatric Neurology, Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka, Japan

P-130 Treatment and Prognosis of 4 children with Opsoclonus-Myoclonus syndrome  
YOSHIHISA HIGUCHI  
Department of Pediatrics, Nara Hospital, Kinki University School of Medicine, Ikoma, Nara, Japan

P-131 A case of paraneoplastic neurological syndrome with neuroblastoma  
ATSUSHI TAKAGI  
Department of Pediatrics, Nippon Medical School, Tokyo, Japan

P-132 Analysis of regulatory T cell in a child case of ocular type myasthenia gravis  
TAKAFUMI NISHIMURA  
Department of Pediatrics, Shinshu University School of Medicine, Nagano, Japan

P-133 One case of Tolosa-Hunt syndrome of which Thallium chloride Scintigraphy was useful for diagnosis  
TOMOKO KOBAYASHI  
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Infection & Autoimmune Disease 2

P-134 Analysis of patients with bacterial meningitis admitted to our hospital during the past 8 years  
MASARU TAKAYANAGI  
Division of Pediatrics, Sendai City Hospital, Sendai, Japan

P-135 A case of NMO spectrum disorder with successful treatment by IVCY, AZA and PE  
ATSUKO OHNO  
Department of Pediatric Neurology, Aichi Children's Health and Medical Center, Obu, Japan

P-136 A boy with transverse myelitis associated with Enterovirus 68 infection and peripheral neuropathy  
TAKAHIRO KIKUCHI  
Department of Pediatrics, Yamagata University Faculty of Medicine, Yamagata, Japan

P-137 Case record of acute transverse myelitis with good recovery owing to immediate steroid pulse therapy  
TATSU TAKAYAMA  
Department of Pediatrics, Obihirokousei Hospital, Hokkaido, Japan

P-138 Two cases of acute transverse myelitis with sequela  
YUJ FUJII  
Department of Pediatrics, Hiroshima University, Hiroshima, Japan.

P-139 A case of Lambert-Eaton myasthenic syndrome with positive Acetylcholine receptor antibody  
TOSHIKO IKEDA  
Division of Pediatrics, Department of Reproductive and Developmental Medicine, Faculty of Medicine, University of Miyazaki, Japan

P-140 3 Cases of Acute Focal Bacterial Nephritis with Central Nerve symptom  
KATSUYA SAITO  
Nihon University School of Medicine Pediatrics and Child Health, Japan

P-141 A case of West syndrome suffering from severe Respiratory syncytial virus-induced pneumonia  
MARIKO FUJIMATSU  
Department of Pediatrics, Nippon Medical School, Musashikosugi Hospital, Japan

P-142 A case of Corynebacterium meningitis after post-neurosurgery  
TAMAMI YANO  
Department of Pediatrics, Akita University Graduate School of Medicine, Akita, Japan

Metabolic Degeneration 1

P-143 Effect of copper and disulfiram therapy on the macular mouse, an animal model of Menkes disease  
WATTANAPORN BHADHPRASIT  
Department of Pediatrics, Teikyo University School of Medicine, Tokyo, Japan
P-144  A case of Menkes disease on repeated fractures
   SHIGEHIRO NAGAI
   Kagawa Children's Hospital, Japan

P-145  Epilepsy in Menkes disease
   MUNEAKI MATSUO
   Department of Pediatrics, Saga University, Faculty of Medicine, Saga, Japan

P-146  Effect of disulfiram treatment in a patient with Menkes disease
   EISHIN OGAWA
   Department of Pediatrics, Teikyo University School of Medicine, Tokyo, Japan

P-147  2 cases of pyruvate dehydrogenase deficiency
   SEIKO ITOMI
   Department of Pediatrics, Japan Red Cross Nagoya First Hospital, Nagoya, Japan

P-148  Childhood MELAS syndrome presenting with unique disorder of visual cognition: a case report
   YASUO HACHIYA
   Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan

P-149  The Cases of Leigh encephalopathy with homoplasmic G14459A mitochondrial DNA mutation
   EMI SHIRAHATA
   Department of Pediatrics, Prefectural Yamagata Comprehensive Rehabilitation and Education Center, Yamagata, Japan

P-150  clinical courses, image findings and medical treatments with 3 severe cases of mitochondrial disease
   HIROYUKI IWASAKI
   Department of Pediatrics, the University of Tokyo Hospital, Tokyo, Japan

P-151  A case report of the mitochondrial respiratory chain disorders occurs in naonatal period
   MARI SUGIMOTO
   Toho University Municipal Hospital, Aichi, Japan

P-152  A case of Leigh encephalopathy associated with continuous myoclonus and alveolar hemorrhage
   MIYUKI TOYONO
   Department of Pediatrics, Akita University Graduate School of Medicine, Japan

Metabolic Degeneration 2

P-153  A case of Aicardi-Goutiéres syndrome with systemic lipus erythematosus
   MANAMI AKASAKA
   Iwate Medical University, Morioka, Japan

P-154  Serial neuro-imaging study of a sibling with juvenile DRPLA
   ATSUSHI IMAMURA
   Department of Pediatrics, Gifu Prefectural General Medical Center, Gifu, Japan

P-155  Diagnostic clue of the vacuolated lymphocytes in the galactosialidosis
   DAISUKE USUI
   Shizuoka Institute of Epilepsy and Neurological Disorders, Japan

P-156  An autopsy case of a 11-month-old boy with Gaucher’s disease type 2
   HIROSHI UNO
   Kyoto Second Red Cross Hospital, Kyoto, Japan

P-157  Effect of Yokukansan for involuntary movements in a patient with type 3 Gaucher disease
   RIKI HIRAIWA
   Eastern Shimane Rehabilitation Hospital, Matsue, Japan

P-158  A New Method of Treatment of MPSII with MPSII Mice Model
   TAKASHI HIGUCHI
   Department of Genetic Diseases and Genomic Science, The Jikei University School of Medicine, Tokyo, Japan

P-159  A case report of sever type Hunter syndrome treated by ERT since 2 years old
   TERUHIKO SUZUKI
   Department of Pediatrics, Hamamatsu University School of Medicine, Hamamatsu, Japan
P-160  An autopsy in a case of Marinesco-Sjogren syndrome
KOKEI NIKAIDO
Department of Pediatrics, Sapporo Medical University School of Medicine, Sapporo, Japan

P-161  A child case of glucose transporter-1 deficiency syndrome who has ataxia and involuntary movements.
YUJI INABA
Department of Pediatrics, School of Medicine, Shinshu University, Matsumoto, Japan

Neonates

P-162  A case of CASK mutations developed epileptic spasms
MIHO FUKUI
Department of Pediatrics, Osaka Medical College, Osaka, Japan

P-163  A case of refractory epilepsy and severe mental retardation with mutations in the FTSJ1 gene
YUKIKO IHARA
Department of Pediatrics, Fukuoka University School of Medicine, Fukuoka, Japan

P-164  Evidence for early diagnosis of Menkes disease
YANHONG GU
Department of Health Policy, National Research Institute for Child Health and Development, Tokyo, Japan

P-165  MRI findings in Joubert syndrome
KAORI AIBA
Toyohashi Municipal Hospital, Aichi, Japan

P-166  A case of hyperinsulinemic hypoglycemia presenting severe diffuse brain damage
FUMIKO HATANO
Kakogawa Municipal Hospital, Japan

P-167  A bedside trial of the assessment for maturity of the neonatal brain
TAKASHI OHYA
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P-168  Clinical Variation of Basal ganglia-thalamic lesion
TETSUO KUBOTA
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P-169  Polysomnographic Findings in Preterm Infants Evaluated for Persistent Apneic Events
KEIKO KAWANO
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P-170  Conventional EEG in infants with neonatal seizure: Correlation with Etiology
TORU KATO
Department of Child Neurology, Okazaki City Hospital, Japan

P-171  MR spectroscopy on Kernicterus
IKENO MITSURU
Department of Pediatrics, Juntendo University School of Medicine, Japan

Vascular Disease

P-172  Wallenberg's syndrome in a case with hereditary dysfibrinogenemia
TETSUYA KIBE
Department of Pediatrics, Seirei-Mikatahara General Hospital, Shizuoka, Japan

P-173  Two cases of Sturge-Weber syndrome with early infantile onset seizures
TAKAHiro IKEDA
Department of Pediatrics, Saitama Medical Center Jichi Medical University, Saitama, Japan

P-174  3 children of cerebrovascular disorders found by headache
CHIHARU MIYATAKE
Department of Pediatrics, Nippon Medical School Chiba Hokusoh Hospital, Inzai, Japan
P-175 Intellectual outcome of pediatric Moyamoya Disease after surgical treatments
NAHO INOUE
Graduate School of Medical Sciences, Tottori University, Yonago, Japan

P-176 Six Cases of Pediatric Cerebral Infarction in our Hospital
YOSHINORI IBA
The Department of Pediatrics, University of Kinki, Osaka, Japan

P-177 A case of cerebral infarction from middle cerebral artery stenosis presenting as hemibalism
AYAKO OKANO
The Pediatrics, Jichi Medical University, Tochigi, Japan

P-178 A case of TIA after varicella virus infection diagnosed by transient paralysis
EMIKO KOJIMA
Gifu Prefectural General Medical Center, Gifu, Japan

P-179 Sibling cases of neurofibromatosis type1 associated with quasi-moyamoya disease
YUTAKA NEGISHI
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Epilepsy & Seizure 4

P-180 Oxidative stress evaluated by HODE in epilepsy patients taking antiepileptic medicines
KOHI AZUMAGAWA
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National Institute of Advanced Industrial Science and Technology, Osaka, Japan

P-181 AKIRA KATO
Suzugamine, Hiroshima, Japan

P-182 Usefulness of gabapentin blood level in 20 cases of partial seizures with the medication for 3 years
TOSHIYUKI IWASAKI
Department of Pediatrics, Kitasato University School of Medicine, Kanagawa, Japan

P-183 Carbamazepine-induced sick sinus syndrome in a child with congenital heart disease
YOSHINORI OKUMURA
Shizuoka Children's Hospital, Shizuoka, Japan

P-184 Carbamazepine-Associated Attention Deficit Hyperactivity Disorder: a case report
KEN MOMOSAKI
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P-185 Treatment after high-dose phenobarbital therapy
RUMIKO TAKAYAMA
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P-186 Cases of prolonged seizures using Phenobarbital via intravenous drip
AKITO WATANABE
Department of Pediatrics, Toyonaka Municipal Hospital, Osaka, Japan

P-187 Intravenous phenobarbital in the patients with severe motor and intellectual disabilities
MICHO FUKUMIZU
Department of Pediatrics, Tokyo Metropolitan Fuchu Medical Center for the Disabled, Tokyo, Japan

P-188 A Mexiletine Effective Case with Epilepsy of Neonatal Onset
MIKA NAKAZAWA
Department of Pediatrics, Juntendo University School of Medicine, Tokyo, Japan
Department of Pediatrics, Juntendo University Nerima Hospital, Tokyo, Japan

Epilepsy & Seizure 5

P-189 The efficacy of lamotrigine monotherapy in patients with childhood epilepsy
KAZUYA ITOMI
Department of Neurology, Aichi Children's Health and Medical Center, Obu, Japan
P-190 Clinical features of recurrent epilepsy which of first diagnosed as benign infantile seizures

TAKEHI OKINAGA
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P-191 A long-term follow-up study of 6 patients with West syndrome evolving to focal epilepsy

AKIKO FUJII
Pediatrics, Tokyo Women's Medical University, Tokyo, Japan

P-192 Efficiency of callosotomy for epilepsy after West syndrome

YUKO SATO
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P-193 Total callosotomy for 2 WEST syndrome patient

TATSUHARU SATO
Depart of Pediatrics, Nagasaki University Hospital, Japan

P-194 A case of alternating hemiplegia of childhood with atypical CT findings

OYAMA YOSHIHATA
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P-195 Correlation between the prefrontal lobe growth and status epilepticus in Panayiotopoulos syndrome

HIDEAKI KANEMURA
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P-196 Risk factors of epilepsy after acute encephalopathy with febrile convulsive status epilepticus

SATORI HIRAI
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P-197 Factors to obtain successful ictal SPECT; seizure frequency and reduction of anticonvulsants

SHINSUKE MARUYAMA
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Epilepsy & Seizure 6

P-198 A study on plasma concentration and efficacy of lamotrigine for refractory epilepsy in childhood

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P-199 Effectiveness and side effect of Levetiracetam in patients with intractable epilepsy

KAORI KANEKO
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P-200 Efficacy of Topiramate for Relapsed Epileptic Spasms after ACTH treatment

SHUICHI SHIMAKAWA
Department of Pediatrics, Osaka Medical College, Osaka, Japan

P-201 The effect of topiramate on the patients with West syndrome

TOMOHIRO KUMADA
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P-202 Treatment for Relapsed and Persistent West syndrome

WATARU MATSUMURA
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P-203 A study on timing, efficacy and safety of MR vaccines after low-dose ACTH therapy for West syndrome

KUNIAKI IYODA
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P-204 Clinical features of caly-onset infantile epileptic encephalopathy associated with STXBP1 mutation

HIROFUMI KASHII
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P-205  Layer specific marker in Focal cortical dysplasia type II: Immunohistological analysis
TAKAFUMI SAKAKIBARA
Department of Child Neurology, Hospital of National Center of Neurology and Psychiatry, Tokyo, Japan
Department of Mental Retardation and Birth Defect Research, National Center of Neurology and Psychiatry, Tokyo, Japan

P-206  Altered expression of glutamate transporters in Ara-C-induced mouse model of cortical dysplasia
SHIE AKABORI
Department of Pediatrics, Shiga University of Medical Science, Seta, Otsu, Shiga, Japan

P-207  Behavioral assessment of children with epilepsy using SDQ (strength and difficulties questionnaire)
TAKUYA TANABE
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P-208  Correlation between metabolic acidosis and clinical features caused by Topiramate and Zonisamide
NAOKO ISHIHARA
Department of Pediatrics, Nagoya University Graduate School of Medicine, Nagoya, Japan

Learning Disabilities

P-209  The neural substrates of reading in Japanese children: an fMRI study
HITOSHI UCHIYAMA
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Department of Clinical Research, Tottori Medical Center, National Hospital Organization, Tottori, Japan
Research Institute of Science and Technology for Society, Japan Science and Technology Agency, Tokyo, Japan

P-210  Problems of Reading and Writing in Japanese School Children (Part 1): A Nationwide Study in Japan
MASUMI INAGAKI
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P-211  Problems of Reading and Writing in Japanese School Children (Part 2): Relationship with the ADHD-RS
TOMOKA KOBAYASHI
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Department of Pediatrics, Social Health Insurance Central General Hospital, Shinjuku, Tokyo, Japan

P-212  The hemodynamic response during Working Memory process in children with developmental dyslexia
TAKAAKI GOTO
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P-213  Cognitive and linguistic abilities of a boy with PVL showing relatively higher VIQ compared to PIQ
YUKAKO MURAMATSU
Department of Functioning Science, Institute for Developmental Research Aichi Human Service Center, Aichi, Japan
Department of Pediatrics, Nagoya University, Nagoya, Japan

P-214  The Long-Term-hospitalization-children support project in NAGANO
CHINATSU KONO
Nagano Children's Hospital, Japan

P-215  A Trial of Music Therapy for a Child with Leukemia
YUKIKO ICHIDA
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Cerebral Palsy & Care

P-216  Prevalence of Cerebral Palsy in Okinawa
JUN TOYAMA
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P-217  Survival rate of Cerebral palsy in Okinawa
MAYUMI TOUYAMA
Department of Pediatrics, Okinawa Child Development Center, Okinawa, Japan
P-218 Case examination of long term hospitalization child in a university hospital
MAMI MIWA
Kyorin University of Medicine, Department of Pediatrics, Tokyo, Japan

P-219 13 cases of near drowning with sever neurological sequelae
IKUHIRO INAMI
Akita Prefectural Center on Development and Disability, Japan

P-220 The characteristics of 17 cases of severe motor and intellectual disabilities with rhabdomyolysis
SHUJI MATUI
The Tokyo Children Rehabilitation's Hospital, Tokyo, Japan

P-221 Report of Botulinum toxin against Cervical Dystonia in person with cervical palsy
YOKO KAWASAKI
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P-222 Influences to hip joints of Botulinus toxin A injection for legs of cerebral palsy children
TOYOKO KANDA
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P-223 The use of lamotrigine against refractory epilepsies in persons with SMID
MASAO ADACHI
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P-224 Lamotrigine treatment of intractable epilepsy in severely-disabled children
AKIKO KOYAMA
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Cerebral Palsy & Care (Respiratory Management & Eating)

P-225 Clinical background of severely disabled person with tracheotomy
SACHIKO ONOE
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P-226 Noninvasive ventilation in patients with severe motor and intellectual disabilities syndrome
HIDEKI SHIMOMURA
Department of Pediatrics, Shiga Medical Center for Children, Japan

P-227 An autopsy case of pulmonary actinomycosis with recurrent aspiration in SMID
MANABU YOSHIHASHI
Department of Pediatrics, The Kanagawa Rehabilitation Center, Japan

P-228 About the validity of dysphagia instruction by local basic hospital pediatric dispensary
YOSHIKAZU YANO
Department of Pediatrics, Sumitomo Besshi Hospital, Ehime, Japan

P-229 A case of Atrio-Ventricular Block caused by Selenium deficiency
YUJI TACHIOKA
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Autonomic Nerves & Headache

P-230 The Effect of Aripiprazole for The Physical Symptom
MITSUKO NAKANO
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P-231 Effect of neurotropin on the intractable chronic headache in children
YOSHIKI SAITO
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P-232 Sumatriptan as a treatment for cyclic vomiting syndrome: a clinical trial
HIKITA TOSHIYUKI
Department of Pediatrics, Teikyo University School of Medicine, Tokyo, Japan
P-233  A case of transient headache and neurological deficits with cerebrospinal fluid lymphocytosis
SATOSHI ANZAI
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Department of Pediatrics, Chiba University Graduate School of Medicine, Chiba, Japan

Psychiatric & Behavioral Disorder

P-234  A 10 year old boy with meningomyelocele developed narcolepsy
REIKI OYANAGI
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P-235  Two cases of eating disorder based on developmental disorder
CHIKAKO ARAKAWA
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P-236  Sleep problem of child & adolescent Anxiety Disorder
YOSHITAKA IWADARE
Kohnodai Hospital National Center for Global Health and Medicine Psychiatry of Child & Adolescent, Japan

P-237  Effect of adenotonsillectomy for obstructive sleep apnea in children
SHIHOKO KIMURA-OHBA
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P-238  Dramatic improvement in Down syndrome-associated cholinergic impairment by donepezil therapy
YOSHIKAZU OTSUBO
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P-239  Self-injurious behaviors in patients with severe motor and intellectual disabilities
ATSUKO MATSUZUKA
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Beppu Developmental Medicine and Rehabilitation Center, Japan

P-240  Endoplasmic reticulum stress is related to the molecular pathogenesis of Autism Spectrum Disorder
ERIKO JIMBO
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International University of Health and Welfare, Tochigi, Japan

P-241  Transgenic rescue of neurobehavior in Ube3a KO mice
TATSUYA KISHINO
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P-242  The role of pediatric neuropsychiatrist in child maltreatment
TOSHIRO MAIHARA
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Development

P-243  The Relationship between Playing in the Prone Position and Motor Development in Infancy
HAJIME TANAKA
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P-244  Clinical features of the children who exhibit toe walking gait pattern
HIROYUKI SATAKE
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P-245  Effects of maternal warmth on 7 yrs child behavior: Birth cohort study for childbirth experience
KOTA SUZUKI
Department of Developmental Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry, Japan
Graduate School of Psychology, Rissho University, Japan

P-246  Developmental changes of frontal activation during verbal fluency task ; A multi-channel NIRS study
TOMOKO TANDO
Pediatric Medicine, University of Yamanashi, Yamanashi, Japan
P-247  Maturational decrease of human brain glutamate detected by in vivo $^1$H-MRS
MAMI SHIMIZU
Center for Integrated Human Brain Science, Brain Research Institute, University of Niigata, Niigata, Japan

P-248  Computerized evaluation of cognitive/perceptive functions in infants with abnormal perinatal history
YASUHIRO KIDO
Department of Pediatrics, Dokkyo Medical University, Koshigaya Hospital, Koshigaya, Japan

P-249  Clinical characteristics of shuffling baby with developmental deficits
RYUTA TANAKA
Department of Child Health, University of Tsukuba, Ibaraki, Japan

P-250  A Study on Drawing Development of Children with and without Disabilities Using Goodenough Test
HIDEYO GOMA
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P-251  Six cases of conversion disorder
SATORU KOBAYASHI
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Developmental Disorder (Screening)

P-252  Developmental study of child behavior checklist for elementary school teachers
HIROYUKI UNO
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P-253  Examination of CARS in pervasive developmental disorder
EMI INADA
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P-254  Psychometric Properties of the Japanese version of the DCDQ
AKIO NAKAI
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P-255  WISC-III profiles in children with PDD comorbid AD/HD
YOKO KADO
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P-256  The relationship between executive functions and symptoms observed in AD/HD and PDD
AKIHITO TAKEUCHI
Department of Child Neurology, Okayama University Graduate School, Okayama, Japan

P-257  Cognitive function of children with PDD by DN-CAS
YURI NARITA
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P-258  Establishment of the diagnosis and treatment of Autism using electrophysiological technique
MASATO MORI
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P-259  Acute effects of methylphenidate on cerebral hemodynamic changes in children with ADHD: NIRS study
YUKIFUMI MONDEN
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P-260  Molecular structural analysis of PMM2 in a CDG patient
SHOHEI NOMURA
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Developmental Disorders 3

P-261  The Prevalence of Autism with mental retardation in Yonago, Japan
KAZUYO NOMURA
Tottori University Faculty of Medicine Graduat School of Medical Sciences, Yonago, Japan
Acute Encephalitis & Encephalopathy 3

P-270 Acute encephalopathy presenting with transient hypotonia and reversible reduced diffusion; 3 cases
YUSUKE GOTO
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P-271 Changes in abnormalities on MR images with a case of acute encephalitis
AYAKA KITAMURA
Kyoto City Hospital, Kyoto, Japan

P-272 MR spectroscopy in acute encephalopathy with biphasic seizures and late reduced diffusion[AESD]
SHOTA YUASA
Department of Pediatrics, Kameda Medical Center, Kamogawa, Japan

P-273 Acute encephalopathy with biphasic seizures and late reduced diffusion on severe cortical dysplasia
SEIICHIRO YOSHIOKA
Department of Pediatrics, Shiga University of Medical Science, Shiga, Japan

P-274 A case of acute encephalopathy with the features of both ANE and AESD
SHINSAKU YOSHITOMI
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P-275 A recurrent case of two type's acute encephalopathy
CHIHIRO YONEE
Department of Pediatrics, University of Kagoshima, Kagoshima, Japan

P-276 Clinical investigation of acute encephalopathy with prolonged convulsions
HIROSHI SHIRAGA
National Hospital Organization Okayama Medical Center, Okayama, Japan
P-277  Five cases of acute encephalopathy with genetic polymorphism
MIKA FUJINO
Department of Pediatrics, Tokyo Medical University, Tokyo, Japan

P-278  Developmental Outcome of Children with AESD
ERI NAKAHARA
Department of Pediatrics, Juntendo University School of Medicine, Japan
Department of Pediatrics, Juntendo Shizuoka Hospital, Japan

Acute Encephalitis & Encephalopathy 4

P-279  A case of 3-year-old girl diagnosed with Bickerstaff brainstem encephalitis
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P-280  Autoimmune-mediated encephalitis manifesting with SLE-like profiles: A case report
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P-281  Immunohistological study of autoimmune encephalitis with abnormal findings on the images of SPECT
TAEKA HATTORI
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P-282  A case of symptom like Non-herpetic acute limbic encephalitis after HA influenza vaccination
MIKI MURAI
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P-285  A case of the SSPE that lived by medical treatment of interferon and TRH for 17 years
ATSUSHI KATO
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P-286  A case of prolonged aseptic meningitis in identical twins simultaneously infected with mumps
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P-287  Difficulty in Immunization for Children with Development Disorder
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P-288  An infant with Acute Flaccid Paralysis
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P-289  Intravenous immunoglobulin for recurrent chronic inflammatory demyelinating polyradiculoneuropathy
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P-290  A 7-year-old girl with hereditary neuralgic amyotrophy responding to prednisolone
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P-291 Effectiveness of steroid pulse therapy to labyrinthitis with recurrent vertigo and vomit
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P-292 Two cases of juvenile onset tumefactive multiple sclerosis
TAKAYUKI KISHI
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P-293 A case of infectious pachymeningitis with left blepharoopstosis
AKINOBU TANIGUCHI
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P-294 Oxidative stress markers in cerebrospinal fluid in influenza virus-related neurological disorders
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P-295 Serum and CSF biomarker in childhood neurological disorders; 4th report
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P-296 Glial fibrillary acidic protein in the cerebrospinal fluid in acute neuro-pediatric diseases
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P-297 A case of Dravet syndrome with acute encephalopathy
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P-298 Genetic seizure susceptibility and a SCN1A mutation in patients with acute encephalopathy
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P-299 COX gene analysis in acute necrotizing encephalopathy of childhood
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P-300 Urinary retention secondary to clinically mild encephalitis with a reversible splenial lesion
NATSUKI NAKAGAWA
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P-301 A case of acute encephalitis with right frontal dysfunction detected by NIRS during recovery phase
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P-302 Three Cases of HHV-6 Encephalopathy Showing Hyperperfusion in Cerebral Blood Flow SPECT
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TOMOKO MATSUBAYASHI
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P-304  A case of Pelizaeus-Merzbacher disease that had followed up as a congenital stridor
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P-305  Three cases of adults having Pelizaeus-Merzbacher disease with PLP1 gene duplication
MAKIKO KUROSAWA
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P-306  A case of neonate Alexander disease identified a heterozygous missense mutation, L352R
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P-307  A case of early diagnosed infantile Alexander disease with a novel GFAP gene mutation
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P-308  Adrenoleukodystrophy treated as an ACTH insensitivity syndrome in a pre-pubescent male
MASAHIRO ISHII
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P-309  Management of cerebral salt wasting syndrome using ANP and BNP
KOYO OHNO
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P-311  A mother and a child of Gorlin syndrome with Alu-mediated PTCH1 gene
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P-312  Gorlin syndrome with nasal glioma
HIDEKI UCHIKAWA
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P-313  Bone density of patient with Gorlin syndrome
HIROMI MIZUOCHI
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P-314  A case of neonatal seizure with SCN2A mutation which progress is not benign
SHINTARO YAMASHITA
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P-315  A boy of Subcortical band heterotopia with DCX mutation
AIKO IGARASHI
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P-316  Clinical Application of Multiplex ligation-dependent probe amplification (MLPA)
KENJI KUROSAWA
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Clinical Research Institute, Kanagawa Children's Medical Center, Yokohama, Japan

P-317  Deletions of SCN1A 5' genomic region with promoter activity in Dravet syndrome
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P-318  MECP2 gene analysis of patients with mental retardation
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P-319  TSC mutation analysis of Japanese patients with tuberous sclerosis
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P-320  Comprehensive genetic analysis of overlapping syndromes of RAS/RAF/MEK/ERK pathway
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P-321  A new form of childhood-onset autophagic vacuolar myopathy
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P-322  Two patients with Ullrich congenital muscular dystrophy confirmed by RT-PCR from lymphocyte mRNA
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P-323  Clinical course of severe infantile congenital myopathy
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P-324  Clinical features of congenital myasthenic syndrome in Japan
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P-325  A case report of End-Plate Acetylcholinesterase Deficiency
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P-326  Two patients with childhood-onset Pompe disease presented contrasting effect of ERT
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P-327  The progress of brotherly childhood-onset Pompe disease of Enzyme Replacement Therapy
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P-328  Pulmonary rehabilitation program for the children with neurological or neuromuscular diseases
KEIKO MURAYAMA
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P-329  Preliminary report: The different metamorphosis of mitochondria in BBB consisted cells in MELAS
MIHOKO MATSUZAKI
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P-330  Extremely low birth weight infant with uncertain auditory neuropathy
MICHIKO MAKINO
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P-331 A sibling case of distal Hereditary Motor Neuropathy type VI  
MASAYUKI NAKASHIMA  
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P-332 Case of a two-year old boy suspected of Dejerine Sottas syndrome with PMP22 gene mutation  
KENJI WATANABE  
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P-333 The family of Charcot-Marie-Tooth disease with pyramidal features  
YUKO TOMONOH  
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P-334 A female case of MADSAM neuropathy-subtype classification of CIDP and the treatment-  
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P-335 A atypical GBS patient presenting as enhancement of cauda equina on MRI resembling mononeuropathy  
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P-336 Twenty-four Japanese cases with Restless legs syndrome (RLS)  
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P-337 Clinical study of five infants that show inconstant abnormal oculo-ar motor  
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TAKAHIRO NAKAMURA  
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P-339 2 cases of Pitt-Hopkins syndrome  
YUKIO SAWAISHI  
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P-340 A missense mutation in a family with CRASH syndrome  
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P-341 Delayed progressive hydrocephalus in an infancy with MPPH-CM syndrome  
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P-342 A patient with MECP2 duplication syndrome  
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P-343 Two cases of 1p36 deletion syndrome with sleep apnea syndrome  
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P-344 Intractable epilepsy in children with 2q23.1 microdeletion syndrome  
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P-345 Microdeletion of 2q23.1 associated with Angelman-like phenotype
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HIROSHI TERASHIMA
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P-348 Effective treatment with NPPV for prolonged respiratory abnormalities in Joubert syndrome
KEITARO YAMADA
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P-349 Two infants of Septo-Optic dysplasia found with ophthalmologic abnormality
KAZUSHI MIYA
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P-350 The case of Leucodysplasia, microcephaly, cerebral malformation
DAISHI INOUE
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P-351 A case of Young-Simpson syndrome
NAOMI MITSUDA
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P-352 Clinical study for screening system of Sotos syndrome in Japan
NAOMI HINO-FUKUYO
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P-353 A Clinical feature with trisomy 13 providing under intensive treatment
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P-354 Chronic manifestations and therapeutic interventions for the long-term survivors with trisomy 13
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P-355 Two cases of the RAS/MARK syndrome with refractory epilepsy and severe developmental delay
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