Dear colleagues and friends,

It is with great pleasure and honor that I invite you, colleagues, to the 12th Asian Society for Pediatric Research (ASPR) and Faculty of Medicine Ramathibodi Hospital joint meeting in Bangkok, Thailand on November 10-11, 2016.

The members of our Organizing Committee and Program Committees have been working hard to ensure that ASPR 2016 offers all participants a world-class scientific program that is scientifically relevant and up-to-date in Pediatric Research. The program shall be comprised of plenary sessions, luncheon symposium, free communications, and poster presentations. Because of a significant increase in the medical science knowledge all over the world including the Asian region, we have placed a greater variety this year on many aspects of child health research and medical care. World-renowned speakers have been invited to discuss and share the latest knowledge and discoveries, especially the experts from Asian region, will provide an exciting, stimulating and informative event to greatly enrich the participant's knowledge and exposure.

Sincerely appreciated, I extend my special thanks to the ASPR Council members and to the sponsors for their contributions and participations.

Beside the scientific program, you will have a chance to explore the wonders and treasures offered by Thailand, a country with the unique culture, wonderful natural vistas, and populated by warm and hospitable people.

All of the ASPR 2016 Committees are looking forward to welcoming you to this grand event.

Suwat Benaponpitak, M.D.
President, ASPR 2016 Meeting
Asian Society for Pediatric Research and
Faculty of Medicine Ramathibodi Hospital Joint Meeting 2016
10th - 11th November 2016 at The Sukosol Hotel Bangkok, Thailand

SCIENTIFIC PROGRAM

Thursday November 10, 2016

7.40 – 8.00 Registration

8.00 – 8.30 Opening Ceremony

Symposium 1: New Frontier in Flavivirus infection

Chairperson - Prof. Yu-Lung Lau, Department of Paediatrics and Adolescent Medicine, The University of Hong Kong, China
- Prof. Suwat Benjaponpitak, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

8.30 – 10.00 The clinical use of dengue vaccine

- Prof. Kulkanya Chokephaibulkit, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

Intensive care in Dengue Shock Syndrome with Severe Plasma Leakage

- Dr. Rojjanee Lertbunrian, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Topic (30min.)

- Dr. Rome Buathong, Bureau of Epidemiology, Thailand

10.00 - 10.15 Business Meeting

10.15 - 10.30 Coffee Break

Plenary Invited Lectures from ASPR

Chairperson - Assoc. Prof. Sarayut Supapannachart, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
- Prof. Yuichiro Yamashiro, Juntendo University Graduate School of Medicine, Japan

10.30 – 12.00 Topic (30min.)

- Prof. Somsak Lolekha, The Royal College of Pediatricians of Thailand, Thailand

Novel Strategies for the CNS Treatment of Genetic Neurological Disorders

- Prof. Yoshikatsu Eto, Advanced Clinical Research Center, Institute of Neurological Diseases, Kawasaki and Tokyo Jikei University School of Medicine, Tokyo, Japan

Genetics of Systemic Lupus Erythematosis

- Prof. Yu-Lung Lau, Department of Paediatrics and Adolescent Medicine, The University of Hong Kong, China
12.00 - 13.00  Lunch

Room: Ballroom II

13.00 – 13.30  Special Lecture 1: Inhaled IFN-α1b for RSV bronchiolitis
- Prof. Shen Khun Ling, Beijing Children’s Hospital, China

Chairperson - Assoc.Prof. Chalerat Direkwattanachai, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

13.30 - 14.30  Room: Ballroom II

Special Lecture 2: Stunting - the most common growth disorder and yet no intervention
- Dr. Tahmeed Ahmed, Centre for Health and Population Research, Bangladesh

Chairperson - Assoc.Prof. Pimlak Charoenkwan, Division of Hematology and Oncology, Department of Pediatrics, Faculty of Medicine Chiang Mai University, Chiang Mai, Thailand

13.30 - 14.30  Oral 1: Pulmonology – Allergy

Chairperson:
- Prof. Shen Khun Ling, Beijing Children’s Hospital, China
- Dr. Nopporn Apiwattanakul, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

14.30 - 15.30  Coffee Break  Oral Poster and Poster Q&A at Ballroom I

Room: Ballroom II

15.30 - 16.00  Special Lecture 3: Management of intractable Epilepsy: Where we are
- Prof. Ananmit Visudtibhan, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Chairperson:
- Assoc.Prof. Nichara Ruangdaraganon, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

16.00 - 17.00  Oral 3: Neurology - Child accident / Child abuse - Developmental / Behavioral Pediatrics - Emergency medicine

Chairperson:
- Prof. Ananmit Visudtibhan, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Assoc.Prof. Nichara Ruangdaraganon, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Room: Ballroom III

Special Lecture 4: Hemolytic anemia in fetus and newborn
- Assoc.Prof. Pimlak Charoenkwan, Division of Hematology and Oncology, Department of Pediatrics, Faculty of Medicine Chiang Mai University, Chiang Mai, Thailand

Chairperson:
- Prof. Suradej Hongeng, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Assoc.Prof. Pimlak Charoenkwan, Faculty of Medicine Chiang Mai University, Thailand

Oral 4: Hematology – Oncology

Chairperson:
- Prof. Suradej Hongeng, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Assoc.Prof. Pimlak Charoenkwan, Faculty of Medicine Chiang Mai University, Thailand
Friday November 11, 2016

7.40 – 8.00 Registration

**Special Lecture**

Chairperson - Prof. Wandee Varavit, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

8.00 – 8.30 Early Perturbations in Infant Gut Microbiota Development Following C-Section is A Risk Factor for NCDs including Obesity in the Offspring. Non-medically indicated C-section should be avoided - Prof. Yuichiro Yamashiro, Juntendo University Graduate School of Medicine, Japan

**Symposium 2: HIV infection**

Chairperson - Prof. Ampaiwan Chuansumrit, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

- Asst.Prof. Chonnamet Techasaensiri, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

8.30 - 10.00 Prevention of Mother–to-Child Transmission (PMTCT) of HIV 2016

Pediatric and Adolescent HIV Care: Issues and Challenges - Assoc.Prof. Peninnah Obetdorfer, Faculty of Medicine Chiang Mai University, Thailand

Recent Advances in Diagnosis of T.B. and Drug Resistance - Assoc.Prof. Wanatpreeya Phongsamart, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

- Prof. Rajeshwar Dayal, Department of Pediatrics, S. N Medical College, Agra, India

10.00 - 10.30 Coffee Break

**Primary Immunodeficiency Symposium Supported by APSID:**

Chairperson - Prof. Yu-Lung Lau, Department of Paediatrics and Adolescent Medicine, The University of Hong Kong, China

- Asst.Prof. Wiparat Manuyakorn, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

10.30 - 12.00 Primary Immunodeficiency in Japan

Role of Mesenchymal Stem Cells in Diseases with Defected Immunity - Assoc.Prof. Kohsuke Imai, Department of pediatrics, Tokyo Medical and Dental University (TMDU), Tokyo, Japan

Novel and Known Autoimmune Lymphoproliferative Syndrome - Prof. Godfrey CF Chan, Department of Paediatrics and Adolescent Medicine, The University of Hong Kong, Hong Kong SAR

- Honorary Asst. Prof. Mao HW, Department of Pediatrics, HKU-Shenzhen Hospital, Shenzhen, China
Bone marrow/Stem cell transplantation in primary immunodeficiency patients in Thailand

- Prof. Suradej Hongeng, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Overall / Q&A

12.00 - 13.00 Lunch

Room: Ballroom II

Special Lecture 5: 10 year experience of low dose methotrexate for the treatment of IVIG resistant Kawasaki disease
- Dr. Dong Soo Kim, Yonsei University College of Medicine, Seoul, South Korea

Chairperson - Asst.Prof. Rungrote Natesirinilkul, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

Room: Ballroom III

Special Lecture 6: Advanced Molecular Genetics in Current Pediatric Practice
- Prof. Vorasuk Shotelersuk, Faculty of Medicine, Chulalongkorn University, Thailand

Chairperson - Prof. Duangrurdee Wattanasirichaigoon, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

13.30 - 14.30 Oral 5: Cardiology–Gastroenterology

Chairperson:
- Assoc.Prof. Suporn Treepongkaruna, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Dr. Dong Soo Kim, Yonsei University College of Medicine, Seoul, South Korea

Room: Ballroom III

Special Lecture 7: A Winning Team of Patients, Parents and Pediatricians in Handling Children with Chronic Illnesses
- Prof. Ampaiwan Chuansumrit, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Chairperson - Prof. Anannit Visudtibhan, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

14.00 - 15.30 Coffee Break   Oral Poster and Poster Q&A at Ballroom I

14.30 - 15.30 Coffee Break   Oral Poster and Poster Q&A at Ballroom I

Room: Ballroom II

Special Lecture 8: Pediatric research priorities in low and middle income countries
- Dr. Sudigdo Sastroasmoro, University of Indonesia, Indonesia

Chairperson - Prof. Suradej Hongeng, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Room: Ballroom III

Special Lecture 8: Pediatric research priorities in low and middle income countries
- Dr. Sudigdo Sastroasmoro, University of Indonesia, Indonesia

Chairperson - Prof. Suradej Hongeng, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

16.00 - 16.15 Award Ceremony

16.15 - 17.00 Network Collaboration
Oral Presentation
and
Poster Presentation

* indicates Young Investigator’s Award Winner
** indicates Travel Grant’s Award Winner
**Oral Presentation 1**

November 10, 2016  
13.30 - 14.30 hrs. at Ballroom II  
Chairperson - Prof. Shen Khun Ling, Beijing Children’s Hospital, China  
- Dr. Nopporn Apiwattanakul, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand  

**OR 1-1** PROSPECTIVE SINGLE-CENTER STUDY TO RAPIDLY IDENTIFY PATHOGENS AFTER ADMINISTRATION OF ANTIBIOTICS BY THE MELTING TEMPERATURE MAPPING METHOD  
Yoji Uejima, Division of Infectious Diseases and Immunology, and Allergy, Saitama Children’s Medical Center, Saitama, Japan  

**OR 1-2** Subcutaneous Use of Recombinant Heat Shock Protein 70 Ameliorates Atopic Dermatitis-like Skin Lesions in a Mouse Model  
Jun-Kai Kao, Frontier Molecular Medical Research Center in Children, Changhua Christian Children Hospital, Changhua County, Taiwan  

**OR 1-3** VALIDATION STUDY OF THE FILIPINO VERSION OF THE SLEEP-RELATED BREATHING DISORDER SUBSCALE WITHIN THE PEDIATRIC SLEEP QUESTIONNAIRE  
George Ray B. Maravillosa, Section of Pediatric Pulmonology, Department of Pediatrics, University of Santo Tomas Hospital, Lacson Ave., 1015, Manila, Philippines  

**OR 1-4** Cytokine dynamics of bronchoalveolar lavage fluid from a mouse model of bronchial asthma during A(H1N1)pdm09 infection  
Shunji Hasegawa, Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Japan  

**OR 1-5** Evaluation of Ramathibodi Dengue Severity Score System  
Piang-or Watcharakulidilok, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University  

**Oral Presentation 2**

November 10, 2016  
13.30 - 14.30 hrs. at Ballroom III  
Chairperson - Dr. Tahmeed Ahmed, Centre for Health and Population Research, Bangladesh  
- Assoc.Prof. Pracha Nuntanarumit, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand  

**OR 2-1** EFFECTS OF Moringa oleifera LEAF POWDER IN IMPROVING THE ANTHROPOMETRIC STATUS, HEMOGLOBIN LEVELS AND DIETARY INTAKE OF CHILDREN AGED 6-8 YEARS OLD WITH MODERATE TO SEVERE MALNUTRITION IN A PUBLIC ELEMENTARY SCHOOL IN MANILA  
Kris Ian B. Mendoza, Pamanstasan ng Lungsod ng Maynila – Ospital ng Maynila Medical Center, Manila, Philippines
OR 2-2**  THE ROLE OF HEME OXYGENASE-1 IN NEONATAL SEPSIS USING A PRETERM MOUSE MODEL  
Kazumichi Fujioka, Department of Pediatrics, Division of Neonatal and Developmental Medicine, Stanford University School of Medicine, United States

OR 2-3**  EFFECT OF VITAMIN C AS AN ADJUVANT THERAPY IN NEONATAL SEPSIS  
Rowshan Jahan Akhter, Department of Neonatology, Dhaka Shishu (Children) Hospital & Bangladesh Institute of Child Health, Bangladesh

OR 2-4  Newborns Vitamin E Level and Its Relationship with Retinopathy of Prematurity  
Mohammad Mozibur Rahman, Department of Neonatology, Institute of Child and Mother Health, Matuail, Dhaka & Department of Neonatology, BSMMU, Dhaka, Bangladesh

OR 2-5  POLYETHYLENE BAG AND CAP FOR HEAT LOSS PREVENTION IN PRETERM INFANTS IN DELIVERY ROOM  
Pathaporn Prempraphan, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

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Oral Presentation 3

November 10, 2016
16.00 - 17.00 hrs. at Ballroom II

Chairperson  - Prof. Ananit Visudtibhan, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand  
- Assoc.Prof. Nichara Ruangdaraganon, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

OR 3-1**  Effectiveness of Neurofeedback VS Methylphenidate in Treatment of Attention-Deficit/Hyperactivity Disorder in Children: A Randomized Controlled Study  
Khemika Khemakanok Sudnawa, Department of Pediatrics, Ramathibodi Hospital, Mahidol University, Thailand

OR 3-2  KNOWLEDGE, ATTITUDE, AND BEHAVIOR OF HIGH SCHOOL STUDENTS TOWARDS REPRODUCTIVE HEALTH OBSERVED IN TARAKAN, NORTH KALIMANTAN, INDONESIA  
Dewi Andini Putri, Tarakan Regional Public Hospital, North Kalimantan, Indonesia

OR 3-3  Seroprevalence of Neurocysticercosis in Children Presenting with Seizure in Nepal  
Piush Kanodia, Department of Pediatrics and Adolescent Medicine, BPKIHS, Dharan, Nepal

OR 3-4  Peer counselling on early initiation of breast feeding and nutritional status in children in urban slum, Bangladesh: a community based randomized controlled trial  
Mansura Khanam, ICDDR,B, GPO BOX 128, Dhaka 1000, Bangladesh

OR 3-5  Modified Pediatric Early Warning Score for Predicting Patient Disposition and Intervention in Pediatric Emergency Department  
Chanapai Chaiyakulsil, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
November 10, 2016
16.00 - 17.00 hrs. at Ballroom III

Chairperson
- Prof. Suradej Hongeng, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Assoc.Prof. Pimlak Charoenkwan, Division of Hematology and Oncology, Department of Pediatrics, Faculty of Medicine Chiang Mai University, Chiang Mai, Thailand

OR 4-1 Risk Factors and Outcome of Neonatal Thromboembolism
Nongnuch Sirachainan, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

OR 4-2 Low Plasma Activated FVII and FVII:C: Predictive Markers For Overt Disseminated Intravascular Coagulation
Surapong Lertthammakiat, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

OR 4-3 THE EFFECT OF COMBINING PLATELET RICH PLASMA TO FIBRIN GLUE ON RELEASE OF PLATELET GROWTH FACTORS AND STABILITY OF FIBRIN CLOT IN BODY FLUIDS
Suttikarn Santiwatana, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

OR 4-4 SURGERY ALONE OR SURGERY PLUS RADIATION THERAPY – THE DISPUTE OF CRANIOPHARYNGIOMA MANAGEMENT
Godfrey Chi-Fung Chan, Departments of Paediatrics & Adolescent Medicine, Queen Mary Hospital, The University of Hong Kong

OR 4-5 VENOUS THROMBOSIS AND MUSCULOSKELETAL INFECTIONS: THE ASSOCIATION, RISK FACTORS AND OUTCOMES
Rungrote Natesirinilkul, Division of Haematology/Oncology, Department of Pediatrics, Faculty of Medicine, Chiang Mai University, Thailand

OR 4-6 Evaluation of Anaplastic Lymphoma Kinase and MYCN Amplifications by Multiplex Ligation-Dependent Probe Amplification Technique and Clinical Outcome in Neuroblastoma Patients According to International Neuroblastoma Risk Group Classification
Pongpak Pongphitcha, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
Oral Presentation 5

November 11, 2016
13.30 - 14.30 hrs. at Ballroom II
Chairperson - Assoc.Prof. Suporn Treepongkaruna, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Dr. Dong Soo Kim, Yonsei University College of Medicine, Seoul, South Korea

OR 5-1 Correlation Between Computerized Tomography Findings and Gastroesophageal Variceal Bleeding in Children with Cirrhosis
Nichanan Ruangwattanapaisarn, Department of Diagnostic and Therapeutic Radiology, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

OR 5-2 The Cytokine Profile in Patients with Kawasaki Disease Treated by The Combination of IVIg and Steroids
Yoichiro Hirata, Department of Pediatrics, University of Tokyo Hospital, Japan

OR 5-3 INTRAVENOUS IMMUNOGLOBULIN AND LOSARTAN SUPPRESSED CORONARY PERIVASCULITIS BY ATTENUATING M1 MACROPHAGES IN MURINE KAWASAKI DISEASE MODEL
Eisuke Suganuma, Division of Infectious Diseases and Immunology, Saitama Children’s Medical Center, Saitama, Japan

OR 5-4 QUALITATIVE ASSESSMENT OF LOVE, MARRIAGE, PREGNANCY, AND CHILDBIRTH PERCEPTIONS AMONG ADOLESCENT GIRLS WITH CONGENITAL HEART DISEASE
Mayumi Nakamura, Department of Family Nursing, Division of Health Sciences and Nursing, Graduate School of Medicine, the University of Tokyo, Japan

OR 5-5 Infliximab therapy improves hyper-cytokinemia in immunoglobulin-resistant Kawasaki disease
Akira Hachiya, Department of Pediatrics, Shinshu University School of Medicine, Matsumoto, Japan

Oral Presentation 6

November 11, 2016
13.30 - 14.30 hrs. at Ballroom III
Chairperson - Prof. Duangrurdee Wattanasirichaigoon, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Prof. Vorasuk Shotelersuk, Faculty of Medicine, Chulalongkorn University, Thailand

OR 6-1* FAMILY HISTORY,CANDIDIASIS: FACTORS AFFECT TIMELY SCID DIAGNOSIS
Anderson Luk, Department of Paediatrics and Adolescent Medicine, Queen Mary Hospital, The University of Hong Kong, Hong Kong

OR 6-2** Next Generation Sequencing Identifies MiRNA-Based Diagnosis Biomarkers and Platform for Kawasaki Disease
Ho-Chang Kuo, Department of Pediatrics, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan
OR 6-3  
*De novo* p.Arg756Cys mutation of *ATP1A3* causes an atypical form of alternating hemiplegia of childhood with prolonged paralysis and choreoathetosis

Hikaru Kanemasa, Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka 812-8582, Japan

OR 6-4  
GENETIC DIAGNOSIS OF EARLY ONSET EPILEPSY BY WHOLE EXOME SEQUENCING AND CHROMOSOMAL ARRAY IN HONG KONG

Ho-Yin Tsang, Department of Paediatrics & Adolescent Medicine, LKS Faculty of Medicine, The University of Hong Kong, Hong Kong SAR China

OR 6-5  
USE OF CLINICAL CHROMOSOMAL MICROARRAY IN HONG KONG CHINESE PATIENTS WITH AUTISM SPECTRUM DISORDER – IMPLICATIONS OF A COPY NUMBER VARIATION INVOLVING DPP10

Yoyo Wing-Yiu Chu, Department of Paediatrics and Adolescent Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, New Clinical Building, Queen Mary Hospital, 102 Pokfulam Road, Hong Kong Special Administrative Region, Hong Kong

Group 1: Adolescent medicine, Allergy, Pulmonology

Chairperson: - Assoc.Prof. Chalerat Direkwattanachai, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Prof. Aroonwan Preutthipan, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Adolescent medicine

A 1-1 CHILDREN’S EATING ATTITUDES TEST: RELIABILITY AND VALIDATION IN JAPANESE ADOLESCENTS
Shinichiro Nagamitsu, Department of Pediatrics and Child Health, Kurume University School of Medicine, Fukuoka, Japan

A 1-2 ASSOCIATION BETWEEN SELF-ESTEEM AND GAME ADDICTION IN ADOLESCENTS WITH THALASSEMIA DISEASE
Matthaneeya Jumpapan, Resident training in department of Child and Adolescent Psychiatry, Faculty of Medicine, Mahidol University, Thailand

Allergy

A 2-1 Association Between Allergic Disease in Early Childhood and Symptoms of Attention Deficit Hyperactivity Disorder in Later Life
Mindy Ming-Huey Guo, Department of Pediatrics, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Taiwan

A 2-2 Basophil Activation Test in Immediate-type Hypersensitivity Reactions to Betalactams using CD63 and CCR3 in Thailand
Pongtong Puranitee, Division of Pediatric Allergy/Immunology/Rheumatology, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

A 2-3 Skin testing with β-lactam Antibiotics for Diagnosis of β-alactam Hypersensitivity in Children
Prapasiri Singvijarn, Division of Pediatrics Allergy and Immunology, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

A 2-4 Efficacy of Cellulose Powder in Reduction of Allergic Symptoms in Dust Mite Sensitized Allergic Rhinitis Children
Natchanun Klangkalya, Department of Pediatrics, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

A 2-5 Association between HLA-A*0101 and phenobarbital-induced severe cutaneous adverse drug reactions in Thai children
Plernpit Likkasittipan, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

A 2-6 Respiratory virus associated wheezing in children
Anyarat Wanitchakorn, Division of Pediatric Allergy/Immunology/Rheumatology, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
GSK-3β inhibitor reduces the expression and release of TSLP from keratinocytes under Th2 environment
Cheng-Han Lee, Frontier Molecular Medical Research Center in Children, Changhua Christian Children Hospital, Changhua County, Taiwan

STATUS OF ZINC, OXIDATIVE STRESS, AND PULMONARY FUNCTION IN THAI ASTHMATIC CHILDREN USING DAILY INHALED CORTICOSTEROID
Siriporn Siripornpanich, Doctoral of Philosophy in Nutrition, Institute of Nutrition, Mahidol University, Nakhonpathom, Thailand

Optimal Needle Length of Epinephrine Prefilled Syringe in School-aged children: Is it one inch needle?
Buntita Bamrungchaowkasem, Division of Pediatric Allergy/Immunology/Rheumatology Department of Pediatrics, Ramathibodi Hospital, Faculty of Medicine, Mahidol University, Thailand

The Effectiveness of New Ramathibodi Written Asthma Action Plan in Improvement of Disease Outcome
Kingthong Lakupoch, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

Effect of anti-asthmatic medications on reactive oxygen species production in human monocytes
Chih-Hsing Hung, Department of Pediatrics, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Taiwan

Sustained Inflation with Mechanical Insufflation-Exsufflation in a Severe Bronchopulmonary Dysplasia and Pulmonary Atelectasis Infant
Ke-Yun Chao, Department of Pediatrics, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan.

Pathogenesis of hyperoxia in neonatal rats
Ming-Sheng Lee, Frontier Molecular Medical Research Center in Children, Changhua Christian Children Hospital, Changhua County, Taiwan

Effect of anti-asthmatic medications on reactive oxygen species production in human monocytes
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Pathogenesis of hyperoxia in neonatal rats
Ming-Sheng Lee, Frontier Molecular Medical Research Center in Children, Changhua Christian Children Hospital, Changhua County, Taiwan

Group 2 : Cardiology, Developmental/Behavioral Pediatrics

Chairperson - Dr. Poomiporn Katunyuwong, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Asst.Prof. Jariya Chuthapisith, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Cardiology

Initial immunoglobulin-failure and coronary artery lesions in Kawasaki disease: potential risk of prolonged corticosteroid therapy
Yasuo Suzuki, Department of Pediatrics, Yamaguchi University Graduate School of Medicine, Ube, Japan

Liver fibrosis in adult patients late after repair of tetralogy of Fallot
Kenichoro Yamamura, Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Japan
C 1-3 miRNA-based next generation sequencing identify diagnosis biomarkers for Kawasaki disease
Ho-Chang Kuo, Department of Pediatrics, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

C 1-4 Right ventricular function in healthy children assessed by echocardiography
Yuichiro Hashida, Division of Pediatrics and Perinatology Faculty of Medicine, Tottori University, 36-1 Nishicho Yonago, 683-8504, Japan

C 1-5 CORRELATION OF HAMP GENE POLYMORPHISMS AND EXPRESSION WITH SUSCEPTIBILITY AND LENGTH OF HOSPITAL STAYS IN TAIWANESE CHILDREN WITH KAWASAKI DISEASE
Xin Yuan Cai, Department of Pediatrics and Kawasaki Disease Center, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

C1-6 Clinical review of 193 cases of Kawasaki disease over the last 6 years - a single institute experience
Ryo Sugita, Osaka Red Cross Hospital, department of pediatrics, Japan

C1-7 Analysis of Serum Levels of Procalcitonin (PCT) as Predictive Biomarker of Intravenous immunoglobulin (IVIG)-resistant Kawasaki Disease
Yumi Mizuno, Fukuoka Children's Hospital, Japan

C1-8 Correlation of breast-feeding and the development of coronary artery lesions in patients with Kawasaki disease.
Mindy Ming-Huey Guo, Kawasaki Disease Center and Department of Pediatrics, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

Developmental / Behavioral Pediatrics

D 1-1 Re-examine the Service Systems from Screening to Intervention for Children with Developmental Delay in Taiwan
Shio Jean Lin, Chi Mei Hospital, Tainan, Taiwan

D 1-2 Validity of the Thai Version of Vanderbilt Attention-Deficit Hyperactivity Disorder Diagnostic Rating Scales in High-Risk Children
Kanogorn Jangjaroonroj, Division of Developmental & Behavioral Pediatrics, Department of Pediatrics, Ramathibodi Hospital, Mahidol University, Thailand

D 1-3 Self-esteem in children and adolescents with attention-deficit/hyperactivity disorder
Mutita Lerdpaisanskul, Department of Pediatrics, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

D 1-4 EFFECT OF PEER COUNSELLING ON EXCLUSIVE BREASTFEEDING PRACTICES IN URBAN SLUM, BANGLADESH: A COMMUNITY BASED RANDOMIZED CONTROLLED TRIAL
Gulshan Ara, ICDDR,B, GPO BOX 128, Dhaka 1000, Bangladesh

D 1-5 Peer counseling on breastfeeding; Assessing the practice and barriers of breastfeeding in urban slum, Dhaka
Nowshin Papri, ICDDR,B, GPO BOX 128, Dhaka 1000, Bangladesh

D 1-6 Cancel
D 1-7  SCALE-SPECIFIC IN CHINESE WECHSLER INTELLIGENCE SCALE IN CHILDREN WITH CONGENITAL HYPOTHYROIDISM IN SCHOOL AGE AFTER EARLY TREATMENT
HUANG sai-jun, Foshan Women and Children's Hospital Affiliated to Southern Medical University, China

D 1-8  Behavioral Problems and Psychopathology in Children with Hemophilia: A Multicenter Study
Saralee Harnchoowong, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Group 3:  Child accident/Child abuse, Emergency medicine
Chairperson - Assoc.Prof. Adisak Plitapolkarnpim, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Dr. Uthen Pandee, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Child accident / Child abuse

C 2-1  Child Abuse Prevention Team (CAPT) Activities in a General Hospital in Tochigi, Japan
Yasuaki Kobayashi, Department of Pediatrics, Ashikaga Red Cross Hospital, Tochigi, Japan

C 2-2  Children’s Oral Environments and Their Living Conditions: Case Report
Akihiro Nakamura, Division of Pediatric Dentistry, Department of Human Development and Fostering, Meikai University School of Dentistry, Japan

C 2-3  Duodenal obstruction caused by water-absorbing ball ingestion followed by obstructive cholangitis
Keiichi Tomita, Division of Pediatric Emergency and Transport Services, National Medical Center for Children and Mothers, Japan

C 2-4  Association between depths and causes of burns in a pediatric emergency department in Japan
Masato Yasuda, National Medical Center for Children and Mothers, Japan

C 2-5  DURATION OF HOSPITAL STAY IN INFANTILE BURN: A RETROSPECTIVE STUDY CONDUCTED AT TERTIARY CARE HOSPITAL
Syed Zafar Mehdi, Associate Professor of Paediatrics Baqai Medical University / Consultant Paediatrics Karachi, Pakistan

C 2-6  Car Restraint System (CRS): Knowledge, Attitude and Practice Of Parents in Oman
Ruqaiya Al Jashmi, Oman Medical Specialty Board, Oman

C 2-7  Level of knowledge and attitude of mothers about child passenger safety in Oman
Asad Rahman, Department of child health, Sultan Qaboos University Muscat Oman
Emergency medicine

E 1-1 Distance from the residence of children in Japan to their nearest hospitals which provide pediatric inpatient services
Akira Ehara, Faculty of Health Services Management, Hiroshima International University, Japan

E 1-2 Ambulance vs Walk-in, Comparision of the consultation form about the severity in abdominal blunt trauma: Retrospective study in a single pediatric emergency center
Yoshinori Okahata, Department of emergency and critical care medicine, Japanese Red Cross Society, Suwa Hospital, Japan

E 1-3 Utility of Semi-automatic Intraosseous Device (EZ-IO®) as Reported by Pediatric Nurses and Physicians: A Comparison
Motoki Yasuda, Division of Pediatric Emergency Medicine, Department of Pediatric Emergency and Clinical Care Medicine, Tokyo Metropolitan Children’s Medical Center, Japan

E 1-4 Early recognition of pediatric patients’ disease severity using a pediatric inter-facility transport score
Kentaro Iwata, Division of Pediatric Emergency Medicine, Department of Pediatric Emergency and Critical Care Medicine, Tokyo Metropolitan Children's Medical Center, Japan

E 1-5 Semi-automatic intraosseous device (EZ-IO) in a pediatric emergency setting
Hirokazu Takei, Division of Pediatric Emergency Medicine, Department of Pediatric Emergency and Critical Care Medicine, Tokyo Metropolitan Children’s Medical Center, Japan

E 1-6 Pulse Saturation Oxygen of 95-96 percent affects the recognition of Abnormal Vital in School-Aged Children
Masaru Kobayashi, Pediatric emergency care Kitakyushu Municipal Yahata Hospital, Japan

E 1-7 A NASOPHARENGEAL FOREIGN BODY TRIGGERED BY A BLIND FINGER SWEEP
Takaaki Mori, Division of Pediatric Emergency Medicine, Department of Pediatric Emergency and Critical Care Medicine, Tokyo Metropolitan Children’s Medical Center, Tokyo, Japan

Group 4 : Epidemiology, Gastroenterology
Chairperson - Assoc.Prof. Suporn Treepongkaruna, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Assoc.Prof. Pornthep Tampowpong, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Epidemiology

E 3-1 Changes In Patients With Acute Gastroenteritis After Voluntary Introduction Of Rotavirus Vaccine In A Japanese Children’s Primary Emergency Medical Center
Naohiro Kamiyoshi, Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Japan
A FIVE YEAR (2011-2015) REVIEW OF RESEARCHES SUBMITTED TO THE PHILIPPINE PEDIATRIC SOCIETY
Felizardo N. Gatcheco, Manila Central University, Caloocan City, Philippines, Philippine Pediatric Society, Quezon City, Philippines

Epidemiology Of Prolonged Diarrhea In Under Five Children And Its Determinants Observed In Urban And Rural Diarrhea Treatment Facilities In Bangladesh
Prasenjit Mondal, Nutrition and Clinical Services Division, International Centre for Diarrhoeal Diseases Research, Bangladesh (icddr,b)

Changing Trends In Nutritional Status Of Adolescent Females: An Epidemiologic Perspective From Urban And Rural Bangladesh
Mahamudul Hasan, Nutrition and Clinical Services Division, International Centre for Diarrhoeal Diseases Research, Bangladesh (icddr,b)

Gastroenterology

A Case Of EBV-negative Post-transplant Lymphoproliferative Disorder Diagnosed By Endoscopic Examination
Takeo Kondo, Department of Pediatrics, Faculty of Medicine, Kagawa University, Japan

Henoch-Schonlein Purpura In Children Hospitalized At A Tertiary Hospital During 2004-2015 In Korea: Epidemiology And Clinical Management
Yong Hee Lee, Department of Pediatrics, Inje University Sanggye Paik Hospital, Seoul, Korea

A META ANALYSIS ON THE EFFICACY AND SAFETY OF Saccharomyces boulardii ON DIARRHEA DUE TO AMOEBIASIS IN CHILDREN
Manuel Leon Villanueva, Manila Central University Hospital, Department of Pediatrics, Resident Physician Trainee, Philippines

Cryptogenic Multifocal Ulcerous Sclerosing Enteritis (CMUSE) in a Child: A Case Report
Teera Kijmassuwan, Division of Gastroenterology, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

PEDIATRIC NUTRITIONAL SCREENING TOOL TO IDENTIFY MALNUTRITION AND AT RISK FOR MALNUTRITION AMONG ADMITTED PATIENTS AGED 1-5 YEARS OLD
Jennifer A. Olay, Philippine Children’s Medical Center, Philippines

Parvovirus B19 Induced Acute Liver Failure in a Child Requiring Urgent Liver Transplantation: A Case Report
Suporn Treepongkaruna, Department of Pediatrics, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

Spectrums of Phenotypes and Outcomes and Genotypes in Thai Patients with Alagille syndrome: A Multicenter Study
Suporn Treepongkaruna, Department of Pediatrics, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
Hematology

H 1-1 Astragaloside IV promotes haematopoiesis recovery in post-radiation/chemo therapy treated mice
Ruixia DENG, Department of Paediatrics and Adolescent Medicine, LKS Faculty of Medicine, the University of Hong Kong, China

H 1-2 TAL1 super enhancer aberration and STIL-TAL1 fusion in pediatric T cell acute lymphoblastic leukemia (T-ALL)
Shunsuke Kimura, Department of Pediatrics, The University of Tokyo, Tokyo, Japan

H 1-3 A CASE OF REFRACTORY HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS INDUCED BY THE PRIMARY INFECTION OF EB VIRUS
Shota Kato, Department of Pediatrics, The University of Tokyo, Japan

H 1-4 DISSEMINATED INTRAVASCULAR COAGULATION IN CRITICALLY ILL CHILDREN IN PEDIATRIC INTENSIVE CARE UNIT AT CHIANG MAI UNIVERSITY HOSPITAL: A PILOT STUDY
Wiralpat Padungmaneesub, Department of Pediatrics, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

H 1-5 ANEMIA AND IRON STATUS AMONG HOSPITALIZED CHILDREN AT PEDIATRIC IN-PATIENT WARD, CHIANG MAI UNIVERSITY (CMU) HOSPITAL: A PILOT STUDY
Jetniphat Khamyuang, Department of Pediatrics, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

H 1-6 HYPERLEUKOCYTOSIS AND EXCHANGE TRANSFUSION IN CRITICAL PERTUSSIS
Soo Lin Chuah, Clinical Specialist (PICU) and lecturer, Paediatric Department, University Malaya, Malaysia

H 1-7 Effect of Iron Chelation Therapy on Glucose Metabolism in Non-transfusion-Dependent Thalassemia
Pimprae Pengpis, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Oncology

O 1-1 Integrated Genetic and Epigenetic Analysis of Hepatoblastoma
Masahiro Sekiguchi, Department of Pediatrics, The University of Tokyo, Japan

O 1-2 A Neonate with Stage 4S Neuroblastoma Developed Tumor Lysis Syndrome after Emergency Radiation for Liver Metastasis
Keisuke Okuno, Division of Pediatrics and Perinatology, Faculty of Medicine, Tottori University, Yonago, Japan
O 1-3  A CASE OF 14q TERMINAL DELETION SYNDROME WITH PLEUROPULMONARY BLASTOMA
Yasuo Kubota, Department of pediatrics, The University of Tokyo, Tokyo, Japan

O 1-4  Febrile Neutropenia in Pediatric Oncology Patients at Chiang Mai University Hospital: Risk Factors and Outcomes
Worawut Choeyprasert, Department of Pediatrics, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

O 1-5  Establishment of Multiplex-Ligation Dependent Probe Amplification for the Analysis of 11q Aberration, the Obligatory International Neuroblastoma Risk Group Marker
Watinee Sanpote, Fellowship Training in Pediatric Hematology and Oncology Program, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Group 1: Genetics/Inborn Errors of Metabolism

Chairperson:
- Prof. Vorasuk Shotelersuk, Faculty of Medicine, Chulalongkorn University, Thailand
- Prof. Duangrurdee Wattanasirichaigoon, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Genetics / Inborn Errors of Metabolism

G 3-1 IDENTIFICATION OF A NOVEL HOMOZYGOUS MISSENSE MUTATION IN ABR CAUSING CEREBELLAR HYPOPLASIA WITH EARLY LETHALITY
Gordon KC Leung, Department of Paediatrics and Adolescent Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, HKSAR, China

G 3-2 IDENTIFICATION OF A CFTR FOUNDER MUTATION, c.3068T>G:p.I1023R, WHICH CAUSES PROTEIN TRAFFICKING DEFECTS IN CHINESE PATIENTS WITH CYSTIC FIBROSIS
Gordon KC Leung, Department of Paediatrics and Adolescent Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, HKSAR, China

G 3-3 Computer-Aided Facial Recognition of Chinese Individuals with Angelman Syndrome in Hong Kong
Gary Tsz Kin MOK, Department of Paediatrics and Adolescent Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong

G 3-4 Cavities induced severe systemic immune response syndrome and Gaucher cells filtration in a patient with Gaucher’s disease
Shirou Matsumoto, Perinatal Care Center, Kumamoto University Hospital, Kumamoto University, Japan

G 3-5 MAFB Mutation Causing Multicentric Carpo-Tarsal Osteolysis Syndrome: Case Report in a Thai ESRD Patient
Pongsakorn Choochuen, 4th year medical student, Doctor of Medicine Program, Thammasat University, Thailand

G 3-6 Mutation study of 69 genes in 100 Thai patients with non-syndromic hearing loss detected by next-generation sequencing
Arthaporn Khonkraparn, Division of Medical Genetics, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

G 3-7 A Novel RMRP Gene Mutation in Cartilage Hair Hypoplasia
Saisuda Noojarern, Division of Medical Genetics, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

G 3-8 Kagami-Ogata syndrome with a de novo 14q32.2 microdeletion diagnosed in a neonate: the first case in Thailand and additional phenotypes
Thipwimol Tim-Aroon, Division of Medical Genetics, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
G 3-9 A VIETNAMESE BABY GIRL WITH PACHYONYCHIA CONGENITA RECOGNIZED AT DEPARTMENT OF PEDIATRICS, GREEN INTERNATIONAL HOSPITAL: CASE REPORT AND LITERATURE REVIEWS
Quang Van VU, Department of Pediatrics, Haiphong University of Medicine and Pharmacy, Vietnam

G 3-10 Extensive Clinicoradiological Review and Genetic Analysis in Three Thai Families with Hereditary Hemorrhagic Telangiectasia
Kittiphop Somboonnithiphol, Division of Interventional Neuroradiology, Department of Radiology, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

G 3-11 Epigenetic Changes in Preterm or SGA Infants Using Longitudinal Genome-Wide Methylation Analysis
Kohei Kashima, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

Group 2 : Infectious diseases
Chairperson - Dr. Nopporn Apiwattanakul, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand
- Asst.Prof. Chonnamet Techasaensiri, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Infectious diseases

I 1-1 MECHANISTIC EVIDENCE FOR THE CLEARANCE OF TRYPANOSOMA BRUCEI BY MACROPHAGES AND THE POTENTIAL THERAPEUTIC USE OF PEGYLATED ARGINASE
Jackie Lok-Yee Cheung, Department of Life Sciences, Sir Alexander Fleming Building, Imperial College London, South Kensington, London SW7 2AZ

I 1-2 The effect of pneumococcal conjugate vaccine and Haemophilus influenzae type b conjugated vaccine on pediatric patients in the northern part of Okinawa, Japan
Yukiya Kurahashi, Department of Pediatrics, Okinawa Prefectural Hokubu Hospital, Japan

I 1-3 Clinical Features of Children with Bacterial Enterocolitis in a Japanese Regional Core Hospital
Yoshihiro Aoki, Departments of Pediatrics and 2Inspection, Asahi General Hospital, Chiba, Japan

I 1-4 Comprehensive Analysis Of Serum Cytokines/Chemokines In Febrile Children With Primary Human Herpes Virus-6B Infection
Ichiro Morioka, Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Japan

I 1-5 SENSORY DEFECTS AND DEVELOPMENTAL DELAY OF CHILDREN WITH CONGENITAL RUBELLA SYNDROME: A FOUR-YEAR FOLLOW-UP REPORT
Michiko Toizumi, Department of Pediatric Infectious Diseases, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan
I 1-6 Clinical and Molecular Epidemiology of Human Metapneumovirus Associated with Acute Respiratory Infections among Children in Central Vietnam
Keisuke Yoshihara, Department of Pediatric Infectious Diseases, Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan

I 1-7 A pediatric patient with interstitial pneumonia due to enterovirus D68.
Masaaki Matsumoto, Department of Pediatrics, Kobe University Graduate School of Medicine, Kobe, Japan

I 1-8 Urinary Tract Infection in Outpatient Infants 30 Days of Age or Younger
Yukie Arahata, Department of Pediatrics, Asahi General Hospital, Japan

I 1-9 Hearing Impairment and Central Nervous System Involvement of Case Series with Congenital Cytomegalovirus Infection
Satoshi Takenaka, Department of Pediatrics, The University of Tokyo Hospital, Japan

I 1-10 PREDICTORS OF MORTALITY AMONG SEVERE DENGUE PATIENTS AGED LESS THAN 18 YEARS OLD ADMITTED AT A TERTIARY GOVERNMENT HOSPITAL FROM 2011 TO 2015
Anne Margarette B. Canapi, Ospital ng Maynila Medical Center, Philippines

I 1-11 Clinical Aspects of the Role of Endothelial Cells in Invasive Group A Streptococcus Infections
Ching-Chuan Liu, Departments of Pediatrics, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan City, Taiwan

I 1-12 THE DIFFERENCES OF RISK FACTORS AND CLINICAL PRESENTATION BETWEEN Campylobacter GASTROENTERITIS AND Salmonella GASTROENTERITIS IN CHILDREN LESS THAN 5-YEAR-OLD IN TAIWAN
Chien-Fang, Tseng, Department of Pediatrics, Taipei Hospital, Ministry of Health and Welfare, Taiwan

I 1-13 PREDICTIVE VALUE OF THOMSEN-FREIDENREICH ANTIGEN ACTIVATION IN CHILDREN WITH LOBAR PNEUMONIA PARAPNEUMONIC EFFUSIONS
Chia-Jung Chang, MacKay Children's Hospital, Taipei, Taiwan, R.O.C

I 1-14 Risk Factors and Outcome of Shigella Encephalopathy in Bangladeshi Children
Farzana Afroze, Nutrition & Clinical Services Division (NCSD), International Centre for Diarrhoeal Disease Research, Bangladesh (icddr,b)

I 1-15 Identification of Pneumonia as Co-morbidity in Under 5 Children with Diarrhea who has Clinical Characteristics Other than Age Specific Fast Breathing
Sharika Nazhat, Nutrition and Clinical Services Division (NCSD), International center for Diarrheal Disease Research, Bangladesh (icddr,b)

I 1-16 Clinical characteristic and outcome of metabolic acidosis in under-five diarrheal children in an urban critical care ward in Bangladesh
Sharifuzzaman, Nutrition and Clinical Services Division (NCSD), International Centre for Diarrhoeal Diseases Research, Bangladesh (icddr,b)
I 1-17 IMMUNOMODULATORY EFFECT OF JACARANONE ISOLATED FROM A TRADITIONAL CHINESE MEDICINE FORMULA IN INFLUENZA VIRUS INFECTION
Anna Hing-Yee Law, Department of Paediatrics & Adolescent Medicine, The University of Hong Kong

I 1-18 Characteristics And Risk Factors Of Otitis Media Caused By Non-typeable Haemophilus influenzae, Streptococcus pneumoniae Or Mixed Infection In Children
Yingchun Cho, Department of Pediatrics, MacKay Children’s Hospital, Taipei, Taiwan

I 1-19 Distribution Of Streptococcus pneumoniae Serotypes Before And After Nationwide Pneumococcal Conjugate Vaccination In Children In Northern Taiwan
Yingchun Cho, Department of Pediatrics, MacKay Children’s Hospital, Taipei, Taiwan

Group 3 : Immunology
Chairperson - Assoc.Prof. Kohsuke Imai, Department of pediatrics, Tokyo Medical and Dental University (TMDU), Tokyo, Japan
- Honorary Asst.Prof. Mao HW, Department of Pediatrics, HKU-Shenzhen Hospital, Shenzhen, China
- Dr. Wasu Kamchaisatian, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

Immunology

I 2-1 γδ T CELLS ARE NOT SUSCEPTIBLE TO THE SUPPRESSIVE EFFECTS OF NICOTINE
Md Salahuddin, Department of Pediatrics and Adolescent medicine, University of Hong Kong

I 2-2 Mendelian Susceptibility to Mycobacterial Disease (MSMD) – A 10-year review of Asian Data
Gilbert T. CHUA, Department of Paediatrics and Adolescent Medicine, Queen Mary Hospital, Hong Kong SAR

I 2-3 UNIQUE PATTERN OF INFECTIONS IN CHRONIC GRANULOMATOUS DISEASE – THE ASIAN EXPERIENCE
Koon-Wing Chan, Department of Paediatrics and Adolescent Medicine, Queen Mary Hospital, LKS Faculty of Medicine, The University of Hong Kong, HKSAR, China

I 2-4 LYMPHOPROLIFERATIVE DISEASE AND COMBINED IMMUNODEFICIENCY CAUSED BY PIK3CD MUTATIONS IN 4 CHINESE PATIENTS
Koon-Wing Chan, Department of Paediatrics and Adolescent Medicine, LKS Faculty of Medicine, The University of Hong Kong, China

I 2-5 15 YEARS EXPERIENCE OF PRIMARY IMMUNODEFICIENCY DISEASES GENETIC DIAGNOSIS IN HONG KONG
Koon-Wing Chan, Department of Paediatrics and Adolescent Medicine, LKS Faculty of Medicine, The University of Hong Kong, Hong Kong SAR, China
I 2-6 **Possible Role of Interferon Regulation on Inflammasome Activity via Autophagy**  
Lim Cho Steven Pei, Department of Paediatrics and Adolescent Medicine, The University of Hong Kong, HKSAR, China

I 2-7 **TSG-6 SUPPRESSES IRF-7 PHOSPHORYLATION AND DOWNREGULATES INTERFERON-ALPHA AND TNF-ALPHA EXPRESSION IN HUMAN PLASMACYTOID DENDRITIC CELLS**  
Lin Kui, Department of Paediatrics and Adolescent Medicine, LKS Faculty of Medicine, The University of Hong Kong, Hong Kong SAR, China

I 2-8 **Prevalence of Primary Immunodeficiency Disorders in Pediatric Acute-onset Neuropsychiatric Syndrome**  
Jaime S. Rosa, Division of Immunology, Allergy and Rheumatology, Department of Pediatrics, Stanford University School of Medicine, Stanford, CA 94305, USA.

I 2-9 **COMPARATIVE OUTCOME OF ORAL AND SUBCUTANEOUS METHOTREXATE THERAPY IN CHILDREN WITH JUVENILE IDIOPATHIC ARTHRITIS (JIA)**  
Mamun Miah, Dept of Pediatric Rheumatology, Dhaka Shishu (Children) Hospital & Bangladesh Institute of Child Health, Bangladesh

<table>
<thead>
<tr>
<th>Group 4 : Medical Education, Neurology, Nephrology</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chairperson</strong></td>
</tr>
<tr>
<td>- Asst.Prof. Chaiyos Khongkhatithum, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand</td>
</tr>
<tr>
<td>- Asst.Prof. Kwanchai Pirojsakul, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand</td>
</tr>
</tbody>
</table>

**Medical Education**

M 1-1 **Innovation of VDO animation: educating tools and resource for epilepsy patients**  
Vitchayaporn Emarach Saengow, Department of Pediatric Maharat Nakhon Ratchasima Hospital, Thailand

M 1-2 **AN EVALUATION OF DOCTORS AND MEDICAL STUDENT'S ATTITUDES AND BELIEFS OF PAEDIATRIC VACCINATIONS IN PAKISTAN**  
Nighat Jahan Nadeem, Department of Education and Professional Studies, School of Social Science and Public Policy, King’s College, University of London, Strand, London, United Kingdom

M 1-3 **AN EVALUATION OF DOCTORS AND MEDICAL STUDENT'S KNOWLEDGE OF PAEDIATRIC VACCINATIONS IN PAKISTAN**  
Nighat Jahan Nadeem, Department of Education and Professional Studies, School of Social Science and Public Policy, King’s College, University of London, Strand, London, United Kingdom

**Nephrology**

N 2-1 **CLINICOPATHOLOGICAL ANALYSIS OF NEPHROPATHY CAUSED BY LMX1B ABNORMALITIES**  
Yutaka Harita, Department of Pediatrics, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan
N 2-2 Unravel Pathophysiology of Ceftriaxone-Associated Post-Renal Acute Renal Failure: a Proteomic Approach
Somchai Chutipongtanate, Department of Pediatrics, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand

N 2-3 Heart Rate and Blood Pressure after Stress in Children Born Small for Gestational Age
Apinya Thanapinyo, Department of Pediatrics, Ramathibodi Hospital, Mahidol University, Thailand

Neurology

N 3-1 A TREATMENT BY A SMALL DOSE OF VALPROIC ACID FOR AUDITORY HYPERSENSITIVITY IN AUTISM SPECTRUM DISORDER
Shigeru Hanaoka, Matsudo Municipal Center for Child Development, Japan

N 3-2 A NEW BIOMARKER OF EPILEPTOGENICITY IN SEVERELY DAMAGED BRAIN - A PRELIMINARY STUDY OF HIGH FREQUENCY OSCILLATIONS ON EEG IN THE SEVERE MOTOR AND INTELLECTUAL DISABILITIES -
Tetsuro Nagasawa, Department of Pediatrics, Fuchu Medical Center for the Disabled, Tokyo, Japan

N 3-3 Two case of cyclic vomiting syndrome successfully treated with valproic acid
Hiroki Yokoyama, Division of Pediatrics and Perinatology, Tottori University Faculty of Medicine, Yonago, Japan

N 3-4 SLEEP PROBLEMS IN SCHOOL-AGED CHILDREN
Kanokvalee Santimahakullert, Department of Pediatrics, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

N 3-5 Assesment of Diagnostic Yield of Routine Serum Calcium, Magnesium and Phosphorus In Pediatric Seizure
Supannigar Yangai, Department of Pediatrics, Maharat Nakhon Ratchasima Hospital, Thailand

N 3-6 Acute disseminated encephalomyelitis associated with dengue infection in children: A case report
Plobkwon Ungchusak, Department of Pediatrics, Maharat Nakhon Ratchasima Hospital, Nakhon Ratchasima, Thailand

N 3-7 Childhood Guillain-Barré syndrome in Bangladesh: an emerging threat after the eradication of poliomyelitis
Zhahirul Islam, International Centre for Diarrhoeal Disease Research, (icddr,b), Dhaka, Bangladesh

N 3-8 Phenytoin-responsive Epileptic Encephalopathy with an Intragenic Tandem Duplication Involving FGF12
Atsuo Kikuchi, Department of Pediatrics, Tohoku University School of Medicine, Sendai, Japan

N 3-9 Posterior Reversible Encephalopathy Syndrome with Spinal Cord Involvement in Children: Clinicoradiological Findings and A Retrospective Comparison between Adult and Paediatric Patients
Tai-Heng Chen, Division of Pediatric Emergency, Department of Emergency, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung Taiwan
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 1-1</td>
<td>EFFECTIVENESS OF KMC ON SUCCESS OF BREASTFEEDING IN PRETERM LOW BIRTH WEIGHT NEONATE</td>
<td>Nishat Jahan, Department of Neonatology, Dhaka Shishu (Children) Hospital &amp; Bangladesh Institute of Child Health, Bangladesh</td>
</tr>
<tr>
<td>N 1-2</td>
<td>Analysis of Influence Factors on Congenital Digestive Tract Malformation</td>
<td>GAO Pingming, Foshan Maternity and Child Health Care center. Foshan, Guangdong, 528000, China</td>
</tr>
<tr>
<td>N 1-3</td>
<td>Effects of Gestation Diabetes Mellitus on Neonatal Renal Function</td>
<td>GAO Xiaoyan, Foshan Maternity and Child Health Care center. Foshan, Guangdong, 528000, China</td>
</tr>
<tr>
<td>N 1-4</td>
<td>Understanding the Role of Host Risk Factors and Healthcare Compliance for Reducing Central-Line Associated Bloodstream Infections in Neonates</td>
<td>Miske Marsogi, Department of Child Health, Neonatology Division of Cipto Mangunkusumo Hospital, Jakarta, Indonesia</td>
</tr>
<tr>
<td>N 1-5</td>
<td>Transverse Myelitis Caused by Acute Tuberculosis Infection: A Case Report</td>
<td>Miske Marsogi, Department of Child Health, Neonatology Division of Cipto Mangunkusumo Hospital, Jakarta, Indonesia</td>
</tr>
<tr>
<td>N 1-6</td>
<td>Congenital Bochdalek Hernia: a Case Report</td>
<td>Miske Marsogi, Department of Child Health, Neonatology Division of Cipto Mangunkusumo Hospital, Jakarta, Indonesia</td>
</tr>
<tr>
<td>N 1-7</td>
<td>Neonatal Dengue Infection: Report of Dengue Fever in a 25 Days Old Infant</td>
<td>Miske Marsogi, Department of Child Health, Neonatology Division of Cipto Mangunkusumo Hospital, Jakarta, Indonesia</td>
</tr>
<tr>
<td>N 1-8</td>
<td>Utility of intact Parathyroid Hormone for Management of Metabolic Bone Disease of Prematurity</td>
<td>Riki Nishimura, University of Tokyo, Dept. of Pediatrics, Tokyo, Japan</td>
</tr>
<tr>
<td>N 1-9</td>
<td>KNOWLEDGE, ATTITUDE AND PERCEPTION ON NEONATAL PAIN AMONG PAEDIATRIC DOCTORS IN MALAYSIA</td>
<td>Flora Ng Fon En, University Kebangsaan Malaysia Medical Centre (UKMMC), Malaysia</td>
</tr>
<tr>
<td>N 1-10</td>
<td>Analysis of Early-onset Escherichia coli Bloodstream Infection in Premature Babies</td>
<td>I-Lun Chen, Department of Pediatrics, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan</td>
</tr>
<tr>
<td>N 1-11</td>
<td>Relationship Between Serum (ZZ)-bilirubin and Glucuronosyl Bilirubin In Preterm Infants At 1-month After Birth</td>
<td>Saneyuki Yasuda, Maternal and Perinatal Center, Faculty of Medicine, Kagawa University, Japan</td>
</tr>
</tbody>
</table>
AN ELEVATION OF SERUM FERRITIN LEVEL MIGHT INCREASE CLINICAL RISK FOR THE PERSISTENCE OF PATENT DUCTUS ARTERIOSUS, SEPSIS, AND BRONCHOPULMONARY DYSPHAGMIA IN ERYTHROPOIETIN-TREATED VERY LOW BIRTH WEIGHT INFANTS
Masayuki Ochiai, Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

TRANSIENT HEMI-LOWER ISCHEMIA IN THE NEW BORN: ARTERIAL THROMBOSIS OR PERSISTENT SCIATIC ARTERY?
Masayuki Ochiai, Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

Improvement of neonatal mortality in Neonatal Care Unit at National Maternal and Child Health Center in Cambodia, based on continuous collaboration with Japan
Shinichi Hosokawa, Neonatology section of Pediatrics, National Center for Global Health and Medicine, Tokyo, Japan

A Case Report of Diazepam Withdrawal in an Infant
Huang Hsin Chun, Department of Pediatrics, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan

A RARE CASE OF CONGENITAL AMNIOTIC BAND SYNDROME AFTER MISOPROSTOL EXPOSURE
Jimba Jatsho, Pediatric Resident, M.D. Pediatrics. Khesar Gyalpo University of Medical Sciences, Bhutan

Endocrinology, General Pediatrics and Preventive Pediatrics

Diagnostic Accuracy of 18F-DOPA PET to Localize K<sub>ATP</sub>-Channel Hyperinsulinism and Post-Treatment Prognosis in Japan
Michiya Masue, Department of Pediatrics, Kizawa Memorial Hospital, Japan

Mass suspension procedure for a lingual ectopic thyroid: a case report
Tsubasa Aiyoshi, Department of pediatric surgery, Ibaraki Children’s Hospital, Ibaraki, Japan

EFFECT OF LIFE STYLE MODIFICATION ON BMI, BMI-SDS AND INSULIN RESISTANCE IN OBESE CHILDREN
Win Mar Aye, Department of Paediatric, Military Maternal and Children Hospital, Yangon, Myanmar

ASSOCIATION OF DAILY LIGHT AND DARK EXPOSURE WITH PREVALENCE OF GLASSES USING IN HIGH SCHOOL STUDENTS IN TARAKAN, NORTH KALIMANTAN, INDONESIA
Dewi Andini Putri, Tarakan Regional Public Hospital, North Kalimantan, Indonesia
G 2-2  Carnitine deficiency in severely handicapped children and adolescents requiring tube feeding  
Seiji Watanabe, Pediatric Neurology, Shizuoka Children's Hospital, University of Shizuoka, Japan

G 2-3  The Effect of Iron and Zinc Supplementation on Hemoglobin Levels among Preschool Children with Iron-Deficiency Anemia in an Adopted Community: A Randomized Controlled Trial  
Suzette Diploma, Capitol Medical Center, Quezon City, Philippines

G 2-4  Indoor Air Quality in Bangkok Metropolitan Day Care Centers and Respiratory Symptoms of Children Under 6 Years Old  
Sirinapa Siwarom, Department of Pediatrics, Faculty of medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
## ASPR 2016 Scientific Program

<table>
<thead>
<tr>
<th>Date</th>
<th>Room</th>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 9th</td>
<td>Ballroom</td>
<td>9:00</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>Nov 10th</td>
<td>Room 2</td>
<td>10:00</td>
<td>Symposium 1: New Frontier in Flavivirus infection (Kulkanya Chokephaibulkit (Siriraj), Dr. Rojjanee Lertbunran (Rama), Dr. Rome Buathong (BOE))</td>
</tr>
<tr>
<td>Nov 10th</td>
<td>Room 3</td>
<td>11:00</td>
<td>Business Meeting (9:00 - 10:15)</td>
</tr>
<tr>
<td>Nov 10th</td>
<td>Room 2</td>
<td>11:15</td>
<td>Plenary Invited Lectures from ASPR (Somsak Loukhe, Yoshikatsu Eto, Yu-Ling Lau)</td>
</tr>
<tr>
<td>Nov 10th</td>
<td>Room 2</td>
<td>12:00</td>
<td>Oral 1 (10:15 - 10:30)</td>
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<tr>
<td>Nov 10th</td>
<td>Room 2</td>
<td>12:45</td>
<td>Oral 2 (11:00 - 11:15)</td>
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<tr>
<td>Nov 10th</td>
<td>Room 2</td>
<td>13:00</td>
<td>Lunch</td>
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<tr>
<td>Nov 10th</td>
<td>Room 2</td>
<td>14:30</td>
<td>Oral Poster and Poster Q&amp;A (14:30 - 15:30)</td>
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<tr>
<td>Nov 11th</td>
<td>Room 2</td>
<td>15:00</td>
<td>Oral 3 (11:30 - 12:00)</td>
</tr>
<tr>
<td>Nov 11th</td>
<td>Room 2</td>
<td>15:45</td>
<td>Oral 4 (12:00 - 12:30)</td>
</tr>
</tbody>
</table>

**Speakers:**
- Prof. Somsak Loukhe
- Yoshikatsu Eto
- Prof. Yu-Ling Lau
- Dr. Shen Kun Lung (Beijing Children's Hospital, China)
- Dr. Dong Sco Kim (Yonsei University, Korea)
- Assoc. Prof. Peninna Obetorfer (Chiangmai)
- Assoc. Prof. Wanapatreeya Phongsamart (Siriraj), Dr. Rajeshwar Dayal (India)
- Prof. GCF Chan, Dr. Mao HW, Prof. Sureshtj Hongeng
- Prof. Voreasuk Sodsabesuk (CU)
- Dr. Sujai Sodsabesuk (CU)
- Prof. Yu Lung Lau and Team, Prof. Sureshtj Hongeng, Prof. Voreasuk Sodsabesuk

**Location:**
- Ballroom
- Room 2
- Room 3

**Notes:**
- Draft Scientific Program ASPR 2016 (update 4/11/2016)