

RRS	08:30 - 09:00	Opening Ceremony	
	Plenary Lecture 1		
	09:00 - 09:40	Chairpersons: Tai Fai FOK (HK) and Mulyadi DJER (Indonesia)	
		Role of Pediatric and Child Health Research in Achieving SDGs (40 min)	
	Speaker: Samira ABOUBAKER (WHO)	Page 31	
Plenary Lecture 2			
09:40-10:20	Chairpersons: Patrick IP (HK) and Takashi IGARASHI (Japan)		
	Use of Gene Editing to Treat Inherited Diseases (40 min)		
	Speaker: Donald B KOHN (USA)	Page 32	
10:20-10:45		Tea Break (with poster viewing)	
RRS	Symposium A <sub>1</sub>		
	Theme: Neurology 1 - Gene, Cell and Neurological Diseases Co-organizers: HKCNDP, HKSMG and PNAHK		
	10:35 - 12:15	Chairpersons: Catherine LAM (HK) and Wai Hung LAU (HK)	
		Early Events of Neocortical Histogenesis: Proliferation and Differentiation of Neural Progenitors Cells (20+5min)	
		Speaker: Takao TAKAHASHI (Japan)	Page 80
		Expanding Genotype and Phenotype of Inherited Neuromuscular Diseases using Next Generation Sequencing (20+5 min)	
		Speaker: Yuh Jyh JONG (Taiwan)	Page 80
		Mitochondrial Diagnostics: Challenges in the Genomic Era (20+5 min)	
Speaker: Cheuk Wing FUNG (HK)		Page 81	
CNVs Discovered in Local Patients with Intellectual Disability and Autism (20+5 min)			
Speaker: Ho Ming LUK (HK)	Page 81		
FR1	Symposium A <sub>2</sub>		
	Theme: Infectious Diseases 1 - Infectious Diseases in Asia Co-organizer: HKSPIAID		
	10:45 - 12:15	Chairpersons: Mike KWAN (HK) and Tzou-Yien LIN (Taiwan)	
		Early Diagnosis of Mycobacterial Diseases namely Tuberculosis and Leprosy (25+5 min)	
		Speaker: Rajeshwar DAYAL (India)	Page 70
		Central Nervous System Infections: Developing Country Perspective (25+5 min)	
Speaker: Kyaw LINN (Myanmar)		Page 71	
The Framework to Eliminate Mother to Child Transmission of HIV, Syphilis and Hepatitis B in Asia and the Pacific (25+5 min)			
Speaker: Tammy MEYERS (HK)	Page 71		

		<b>Symposium A<sub>3</sub></b>	
<b>PYK</b>	10:35 -12:15	<b>Theme: General Paediatrics 1 - Policy, Public Health and Development</b>	
		Chairpersons: Albert LI (HK) and Thomas CHUNG (HK)	
		Impact of Environment on Child Health (20+3 min)	
		Speaker:	Patrick IP (HK) <span style="float: right;">Page 60</span>
		Child and Family Polyvictimization in China - Asian Perspective in Violence Prevention (20+3 min)	
		Speaker:	Edward CHAN (HK) <span style="float: right;">Page 61</span>
		<b>Symposium A<sub>4</sub></b>	
<b>FR2</b>	10:45 - 12:15	<b>Theme: Medical Genetics - Pathway Disorders</b>	
		Co-organizer: HKSMG	
		Chairpersons: Ivan LO (HK) and Stephen LAM (HK)	
		Rasopathies - Noonan Syndrome and Related Disorders (25+5 min)	
		Speaker:	Yoichi MATSUBARA (Japan) <span style="float: right;">Page 67</span>
		<b>APSID Symposium 1</b>	
<b>LPY</b>	10:45 -12:15	<b>Theme: Cellular and Gene Therapy</b>	
		Co-organizer: APSID	
		Chairperson: Godfrey CHAN (HK) and Woei Kang LIEW (Singapore)	
		Gene Therapy for Adenosine Deaminase (ADA) Deficient Severe Combined Immunodeficiency (SCID)	
		Speaker:	Donald KOHN (USA) <span style="float: right;">Page 42</span>
		<b>APSID Symposium 1</b>	
<b>LPY</b>	10:45 -12:15	European Lentiviral Gene Therapy Protocol for Chronic Granulomatous Disease	
		Speaker:	Reinhard SEGER (Switzerland) <span style="float: right;">Page 42</span>
		Mesenchymal Stem Cell Therapy	
		Speaker:	Godfrey CHAN (HK) <span style="float: right;">Page 43</span>

## Best Abstracts Session 1

JK	10:45-12:15	Nutrition
		Unsafe Environment Puts Slum Children in Peril: A Cross-sectional Study on Microbial Contamination of Complementary Food and Water in Dhaka, Bangladesh (Abstract #110; 8+2 min) Speaker: Ishita MOSTAFA (Bangladesh) Page 117
		Allergy and Immunology
		Identification of Potential Transcriptomic Markers in Developing Asthma: An Integrative Analysis of Gene Expression Profiles (Abstract #1341; 8+2 min) Speaker: Fang FANG (China) Page 101
		Allergy and Immunology
		Calcineurin Inhibitors Exacerbate Nod1-mediated Coronary Arteritis Via the MyD88 Signaling Pathway (Abstract #111; 8+2 min) Speaker: Kenji MURATA (Japan) Page 98
		Genetics & Genomics
		Diet Glycemic Index Change During Pregnancy is Associated with Placenta Insulin Related Gene DNA Methylation Variation (Abstract #1038; 8+2 min) Speaker: Wei-li YAN (China) Page 111
JK	10:45-12:15	Developmental Paediatrics
		Early Food Allergy and Symptoms of Airway Allergy March on the Risk of Attention Deficit Hyperactivity Disorder In Chinese Children: A Cross-Sectional Study (Abstract #721; 8+2 min) Speaker: Fei LI (China) Page 105
		Genetics & Genomics
		Genome-wide DNA Methylation Analysis Identifies the Crucial Role of $\beta$ -catenin (CTNNB1) in the Pathogenesis of Kawasaki Disease (Abstract #6; 8+2 min) Speaker: Mindy GUO (Taiwan) Page 109
		Genetics & Genomics
Molecular Diagnosis of Hepatic Glycogen Storage Disease by Gene Panel-Based Next-generation Sequencing: Results in 108 Cases (Abstract #399; 8+2 min) Speaker: Mingsheng MA (China) Page 110		
JK	10:45-12:15	Genetics & Genomics
		Using Paired-end Whole Genome Sequencing (WGS) to Investigate Complex Chromosome Rearrangements (CCRs) Associated with Congenital Anomalies and Neurodevelopmental Disorders (Abstract #173; 8+2 min) Speaker: Steven PEI (HK) Page 110
Foyer	10:45-12:15	e-Poster Sessions
		1 (Kiosk A: 10:45-12:15) / 2-1 (Kiosk B: 10:45-11:20) / 2-2 (Kiosk B: 11:20-12:15)

Day1 (6 Oct)		
<b>Lunch Symposium 1</b>		
<b>RRS</b>	12:20-13:10	Theme: Humanities and Paediatric Education
		Chairpersons: Takao TAKAHASHI (Japan) and Mahbubul HOQUE (Bangladesh)
		Educating the Humane Physician: The Role of Medical Humanities (20+5 min) 12:20-12:45
		Speaker: Genesis RIVERA (Philippines) Page 37
		A Humanitarian Mission with MSF in South Sudan - Challenges of Delivering Paediatric Care During a Civil War (20+5 min) 12:45-13:10
		Speaker: Kai Ning CHEONG (HK) Page 38
<b>Presidential Lecture</b>		
<b>RRS</b>	13:15-13:55	Chairpersons: Nai Kong LEUNG (HK) and Suwat BENJAPONPITAK (Thailand)
		From Genes to Communities - Improving Child Health through Education and Research (40 min)
		Speaker: Yu Lung LAU (HK) Page 30
<b>Symposium B1</b>		
<b>FR1</b>	14:00 -16:05	Theme: Infectious Diseases 2 - Rotavirus: Asia Leads in New Vaccine Development Co-organizer: ROTA Council
		Chairpersons: Tony NELSON (HK) and Boaming JIANG (USA)
		Impact of Rotavirus Vaccines: Better than Anticipated (20+5 min)
		Speaker: Jackie TATE (USA) Page 72
		New Rotavirus Vaccines from Asia: Rotavac, Rotasiil, Rotavin, RV3BB (20+5 min)
		Speaker: Carl KIRKWOOD (USA) Page 72
		Chinese Rotavirus Vaccines: What's Around the Corner (20+5 min)
		Speaker: Xuan-Yi WANG (China) Page 72
	Rotavirus Vaccines Save Money: Herd Effects and Less Convulsions (20+5 min)	
	Speaker: Tony NELSON (HK) Page 73	
	Opportunities for Asian Rotavirus Vaccine Introductions in Asia (20+5 min)	
	Speaker: aveen THACKER (India) Page 73	
<b>Symposium B2</b>		
<b>PYK</b>	14:00 -16:05	Theme: Infectious Diseases 3 - Fight Against Pneumonia in Asian Children Co-organizer: Japan Pediatric Society
		Chairpersons: Kazunobu OUCHI (Japan) and Hiroyuki MORIUCHI (Japan)
		The Factors Influencing Infectious Disease Guidelines - EBM or the Other Factors (30 min)
		Speaker: Kazunobu OUCHI (Japan) Page 74
		Epidemiological Change of Pediatric Community-acquired Pneumonia Before and After Introduction of Pneumococcal Conjugate Vaccine Era in Japan (25+5 min)
		Speaker: Naruhiko ISHIWADA (Japan) Page 74
	Pneumonia Etiological Agents in Vietnamese Children (25+5 min)	
	Speaker: Lay Myint YOSHIDA (Japan) Page 75	
	Risk Factors for Pneumonia and Pneumococcal Vaccine Serotypes Among Children in Afghanistan (25+5 min)	
	Speaker: Bhim Gopal DHOUBHADEL (Japan) Page 76	

		<b>Symposium B<sub>3</sub></b>	
<b>FR<sub>2</sub></b>	14:00 -16:05	<b>Theme: Respiriology - Common Respiratory Diseases</b>	
		Chairpersons: Alfred TAM (HK) and Ting Yat MIU (HK)	
		Adverse Consequences of Sleep Deprivation in Hong Kong Adolescents - Cardiovascular Perspective (25+5 min)	
		Speaker:	Albert LI (HK) <span style="float: right;">Page 88</span>
		Childhood Obstructive Sleep Apnoea Syndrome - What's New? (25+5 min)	
		Speaker:	Kate CHAN (HK) <span style="float: right;">Page 89</span>
		Air Pollution and Allergy (25+5 min)	
		Speaker:	So Lun LEE (HK) <span style="float: right;">Page 89</span>
<b>JK</b>	14:00 -16:10	<b>Symposium B<sub>4</sub></b>	
		<b>Theme: General Paediatrics 2 - Community Paediatrics</b>	
		Chairpersons: Ellis HON (HK) and Genesis RIVERA (Philippines)	
		Children's Right and Child Health Policy (25+5 min)	
		Speaker:	Chun Bong CHOW (HK) <span style="float: right;">Page 62</span>
		Preventing Student Suicides: A Hong Kong experience (25+5 min)	
		Speaker:	Paul YIP (HK) <span style="float: right;">Page 64</span>
		Global Status of Child Health and Opportunities (25+5 min)	
Speaker:	Samira ABOUBAKER (WHO) <span style="float: right;">Page 64</span>		
Stunting, Socioeconomic Status and Early Child Development in the East Asia Pacific (25+5 min)			
Speaker:	Nirmala RAO (HK) <span style="float: right;">Page 64</span>		
Oral Presentation 3 - Developmental Paediatrics			
Prediction of Attention Deficit Hyperactivity Disorder (ADHD) Risk Using an Infant Measure: Externalizing Symptoms at 12 Months and Risk of ADHD at 54 Months (Abstract #48; 8+2 min)			
Speaker:	Muhammad Taufeeq WAHAB (Singapore) <span style="float: right;">Page 105</span>		
<b>LPY</b>	14:00-16:05	<b>APSID Symposium 2</b>	
		<b>Theme: Mechanism of Diseases</b>	
		Co-organizer: APSID	
		Chairperson: Alan Kwok-shing CHIANG (HK) and Xiqiang YANG (China)	
		The Role of Toll-like Receptor 3 in Viral Encephalitis	
Speaker:	Cheng-lung KU (Taiwan) <span style="float: right;">Page 43</span>		
Immunotherapy for EBV-associated Disorders			
Speaker:	Wen-wei TU (HK) <span style="float: right;">Page 43</span>		
Wiskott-Aldrich Syndrome Protein Regulates Autophagy and Inflammasome Activity in Innate Immune Cells			
Speaker:	Pamela LEE (HK) <span style="float: right;">Page 44</span>		
16:05-16:30		Tea Break (with poster viewing)	

Day1 (6 Oct)		
<b>Symposium C<sub>1</sub></b>		
FR1	16:30-18:10	<b>Theme: Neonatology - Improving Neonatal Care</b>
		Chairpersons: William WONG (HK) and King Woon SO (HK)
		Improving Outcome of Premature and Low Birth Weight Babies Through KMC - Experience from Bangladesh (25+5 min)
		Speaker: Mahbulul HOQUE (Bangladesh) <span style="float: right;">Page 78</span>
		The Application of Molecular Assays in Neonatal Infection (25+5 min)
		Speaker: Simon LAM (HK) <span style="float: right;">Page 79</span>
	Oral Presentation 4 - Neonatology	
	Prognostic Accuracy of Parent-Reported Ages and Stages Questionnaire in Assessing the Developmental Outcome of Preterm Infants (Abstract #54; 8+2 min)	
	Speaker: Gwen HWARNG (Singapore) <span style="float: right;">Page 115</span>	
	Antibiotic Use in Neonatal Intensive Care Units (25+5 min)	
	Speaker: Joseph TING (Canada) <span style="float: right;">Page 79</span>	
<b>Symposium C<sub>2</sub></b>		
PYK	16:30 -18:00	<b>Theme: Neurology 2 - Neuromuscular Disorder, the Treatment, the Multidisciplinary Care, and Quality of Life Issues</b>
		Co-organizer: HKCNDP
		Chairperson: Kwing Wan TSUI (HK)
		Diagnosis and Treatment of Neuromuscular Diseases - Local Advancement and Challenges (25+5 min)
		Speaker: Sophelia CHAN (HK) <span style="float: right;">Page 81</span>
		Developmental, Behavioral and Cognitive Profile of Neuromuscular Diseases in Child Assessment Service and Case Illustration (25+5 min)
	Speaker: Chin Pang CHOW (HK) <span style="float: right;">Page 82</span>	
	Spinal Muscular Atrophy: Diagnosis and Management in the New Therapeutic Era (25+5 min)	
	Speaker: Yuh-Jyh JONG (Taiwan) <span style="float: right;">Page 82</span>	
<b>Symposium C<sub>3</sub></b>		
FR2	16:30 - 18:00	<b>Theme: Gastroenterology and Hepatology 1</b>
		Chairperson: Chung Mo CHOW (HK)
		Screening of Biliary Atresia for Early Management (30+5 min)
		Speaker: Mei-Hwei CHANG (Taiwan) <span style="float: right;">Page 58</span>
		Towards Eradication of Hepatitis B Infection: What More Can We Do? (30+5 min)
		Speaker: Rosanna WONG (HK) <span style="float: right;">Page 59</span>
	Oral Presentation 5 - Gastroenterology & Hepatology	
	Upregulated Genes of Intracellular Salmonella Typhimurium after Invasion into Human Intestinal Epithelial Cells (Abstract #189; 8+2 min)	
	Speaker: Shiu-Bin FANG (Taiwan) <span style="float: right;">Page 107</span>	
<b>APSID Symposium 3</b>		
LPY	16:30 - 18:00	<b>Theme: Inborn and Acquired Susceptibility to Mycobacterial and Fungal Infections</b>
		Co-organizer: APSID
		Chairperson: Cheng-Lung KU (Taiwan)
		Anti-interferon-g Autoantibody: A New Form of Adult Onset Immunodeficiency to Mycobacterial Infection in Southeast Asia
		Speaker: Cheng-lung KU (Taiwan) <span style="float: right;">Page 44</span>
	Cryptococcal Infections in Children can be Associated with a Myriad of Primary Immunodeficiency Diseases - Our Experience at Chandigarh	
	Speaker: Surjit SINGH (India) <span style="float: right;">Page 45</span>	
	Endemic Mycoses: When to Suspect Primary Immunodeficiency?	
	Speaker: Pamela LEE (HK) <span style="float: right;">Page 45</span>	

Best Abstracts Session 2		
JK	16:30 -18:00	Chairperson: Po Yee LOUNG (HK) Adjudicators: Patrick IP (HK) and Takao TAKAHASHI (Japan)
		Allergy & Immunology Reference Values for Peripheral Blood Lymphocyte Subsets of Healthy Children in China: A Multi-Centered Study (Abstract #304; 8+2 min) Speaker: Yuan DING (China) Page 101
		Cardiology A TBX5 3'UTR Variant Increases the Risk of Congenital Heart Disease in the Han Chinese Population (Abstract #1068; 8+2 min) Speaker: Feng WANG (China) Page 104
		Haematology and Oncology The Tetraspanin CD9 is an Adverse Prognostic Factor in Pediatric B-precursor Acute Lymphoblastic Leukemia and Can Be Effectively Targeted by Neutralizing Antibody in Preclinical Animal Models (Abstract #211; 8+2 min) Speaker: Chi ZHANG (HK) Page 114
		Nephrology Distinctive Cytokine Profile Between Acute Focal Bacterial Nephritis and Acute Pyelonephritis in Children (Abstract #182; 8+2 min) Speaker: Makoto MIZUTANI (Japan) Page 116
		Developmental Paediatrics Effects of Parent-implemented Early Start Denver Model on Chinese Toddlers with Autism Spectrum Disorder: A Non-Randomized Controlled Trial (Abstract #787; 8+2 min) Speaker: Bingrui ZHOU (China) Page 106
		Respirology Prospective Study of Risk Factors for Wheezing Phenotypes in Hong Kong Children (Abstract #237; 8+2 min) Speaker: Agnes LEUNG (HK) Page 119
		Allergy & Immunology Haploidentical Stem Cell Transplantation for Primary Immune Deficiency Disorders in Children: Challenges and Outcome from a Tertiary Care Centre in India (Abstract #273; 8+2 min) Speaker: Ramya UPPULURI (India) Page 99
		Foyer
RRS	19:00 -21:30	Gala Dinner