

Scientific Program

8 June 2008, Sunday

5:00 - 7:00 pm Lobby	Registration
7:00 - 8:00 pm Seminar Rooms 2, 3, & Exhibition Area	Reception

9 June 2008, Monday

8:30 - 9:00 am Theatres 2 & 3	Opening Ceremony	<p>Co-Chairs: Wai-Yee Chan <i>Chair, Organizing Committee</i></p> <p>Stephen Lam <i>Chair, Local Organizing Committee</i></p> <p>Remarks: Min-Xin Guan <i>President, Association of Chinese Geneticists in America</i></p> <p>Stephen Lam <i>President, Hong Kong Society of Medical Genetics</i></p> <p>Lap-Chee Tsui <i>Vice-Chancellor, The University of Hong Kong</i></p> <p>Sandra Lee <i>Permanent Secretary for Health, HKSAR</i></p> <p>Zhu Chen <i>Minister of Health, China</i></p> <p>Recognition of major sponsors</p>
9:00 - 10:00 am Theatres 2 & 3	HKU Lecture	<p>KS-1: From Gels to Genes Oliver Smithies, <i>Nobel Laureate, University of North Carolina, Chapel Hill, NC, USA;</i> <i>introduced by Prof Yuet-Wai Kan, UCSF</i></p>
10:00 - 10:30 am	Coffee Break	
10:30 am - 12:30 pm Theatres 2 & 3	<p>S1:</p> <p>Medical Genetics I</p> <p>Co-Chairs: Lin He, Yao-Shan Fan</p>	<p>S1-1: Prenatal Malnutrition and Adult Schizophrenia: Further Evidence from the 1959-61 Natural Famine in China Lin He, <i>Chinese Academy of Sciences and Fudan University, Shanghai, China</i></p> <p>S1-2: Array CGH for Mental Retardation and Autism: Challenges in Interpretation of Testing Results Yao-Shan Fan, <i>University of Miami Miller School of Medicine, Miami, FL, USA</i></p> <p>S1-3: Of Mice and Men: Progressive and Stationary Retinal Dystrophies Stephen Tsang, <i>Columbia University, New York, NY, USA</i></p> <p>S1-4: Genetics of Cardiac Malformations Taosheng Huang, <i>University of California, Irvine, CA, USA</i></p> <p>S1-5: Studies of Urofacial (OCHOA) Syndrome Demonstrate a Common Mechanism for Functional Voiding Disorders Cong-Yi Wang, <i>Medical College of Georgia, Augusta, GA, USA</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S1-6: Genotype Phenotype Correlation Studies in Tuberous Sclerosis Complex Kit Sing Au, <i>University of Texas, Houston, TX, USA</i></p> <p>S1-7: Application of Molecular Cytogenetics in Women with Recurrent Abortion and Spontaneously Aborted Embryos in Western Area of the Kingdom of Saudi Arabia Mohd Afzal Imtiaz, <i>King Fahad Medical Research, Jeddah, Kingdom of Saudi Arabia</i></p>

<p>10:30 am - 12:30 pm</p> <p>Theatre 1</p>	<p>S2:</p> <p>Developmental Genetics & Genomics</p> <p>Chair: Kathryn Cheah</p>	<p>S2-1: Context Dependent Impact of the Y440X Campomelic Dysplasia SOX9 Mutation Kathryn Cheah, <i>The University of Hong Kong, HKSAR</i></p> <p>S2-2: Genetic Basis of Premature Ovarian Failure (POF) Zi-jiang Chen, <i>Shandong University, Jinan, Shandong, China</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S2-3: Selective Isolation of Homozygous Mutant ES Cells Yue Huang, <i>The Wellcome Trust Sanger Institute, Cambridge, UK</i></p> <p>S2-4: Primate-Specific Zinc Finger Protein ZNF480 Is Involved in Myogenesis Yuequn Wang, <i>Hunan Normal University, Changsha, Hunan, China</i></p>
<p>10:30 am - 12:30 pm</p> <p>Theatre 4</p>	<p>S3:</p> <p>Cancer Genetics & Genomics</p> <p>Co-Chairs: Edison Liu, Constantine Stratakis</p>	<p>1. Genetic and Genomic Studies in Traditional Chinese Medicine Panel Discussion: Mi-qu Wang, Cong-e Tan, Hong-zhan Wang, Chengdu University of Traditional Chinese Medicine, China</p> <p>2. Genetic and Genomic Education for Professional and Public</p> <p>Chinese Journal of Genetics Ying Zhang, <i>Chinese Journal of Genetics</i></p> <p>Genetic Counseling Gary Lu, <i>University of Texas M.D. Anderson Cancer Center, Houston, TX, USA</i></p> <p>Web-based Continuing Medical Genetics/Genomics Education Bai-Lin Wu, <i>Harvard University, Cambridge, MA, USA and Fudan University, Shanghai, China</i></p> <p>S3-1: Integrated Genomics in Cancer Medicine Edison Liu, <i>Genome Institute of Singapore, Singapore</i></p> <p>S3-2: The Use of Genomics and Genomic-Wide Association Studies in the Identification of the New Disease Genes for Endocrine Lesions (Adrenal Hyperplasia) Constantine Stratakis, <i>Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, MD, USA</i></p> <p>S3-3: Microsatellite Instability in Hereditary and Sporadic Colorectal Cancer – Genetic and Epigenetic Mechanisms Suet-Yi Leung, <i>The University of Hong Kong, HKSAR</i></p> <p>S3-4: Genomic Heterogeneity in Multiple Myeloma – On the Way to Make It Simplified for Betterment of Patient Care Gary Lu, <i>University of Texas M.D. Anderson Cancer Center, Houston, TX, USA</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S3-5: cDNA Analysis Demonstrates That the BRCA2 Intronic Variant IVS4-12del5 Is a Deleterious Mutation Liyang Zhang, <i>Sloan-Kettering Cancer Center, New York, NY, USA</i></p> <p>S3-6: Germline HMSH2 Promoter Mutation in a Chinese HNPCC Kindred: Evidence for Dual Role of LOH Hong-Li Yan, <i>Second Military Medical University, Shanghai, China</i></p> <p>S3-7: Molecular Genetics Research of Nasopharyngeal Carcinoma Guiyuan Li, <i>Central South University, Changsha, Hunan, China</i></p>
<p>12:30 - 2:00 pm</p> <p>Seminar Rooms 1, 2 & 3</p>	<p>Agilent Lunch Seminar</p>	<p>LS-1: Molecular Karyotyping: From Postnatal to Preimplantation Genetic Diagnosis J. Vermeesch, <i>Catholic University of Leuven, Leuven, Belgium</i></p>
<p>2:00 - 3:00 pm</p> <p>Theatres 2 & 3</p>	<p>Dr. Stanley Ho Lecture of Human</p>	<p>KS-2: New-Gen Sequencing Technology and Its Impact on Genomic Medicine Huanming Yang, <i>Beijing Genomic Institute, Chinese Academy of Sciences,</i></p>

	Genomics	<i>China;</i> <i>introduced by Stephen Lam, President HKSMG</i>
3:00 - 3:30 pm	<i>Coffee Break</i>	
3:30 - 5:30 pm Theatres 2 & 3	Concurrent Symposia	
	S4: Genomics & Genomic Analyses Co-Chairs: Stephen C Peiper, Pak Sham	<p>S4-1: Characterization of Gene Copy Number Changes in Low and High Grade Gliomas by High Resolution Array Comparative Genomic Hybridization (CGH) Stephen C Peiper, <i>Medical College of Georgia, Augusta, GA, USA</i></p> <p>S4-2: Association Studies of Complex Diseases Using Dense SNP Sets Pak Sham, <i>The University of Hong Kong, HKSAR</i></p> <p>S4-3: The Paradox of DNA Methylation in Germ Cell Tumor Tin-Lap Lee, <i>Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, MD, USA</i></p> <p>S4-4: Recombination in the Schizophrenia-Associated and Positively Selected <i>GABRB2</i>: Implication to the Origin of Psychosis Hannah Hong Xue, <i>Hong Kong University of Science and Technology, HKSAR</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S4-5: Genomic Regions Subjected to Strong Selective Sweep and a Database of Positive Selection Across Human Autosomes Changqing Zeng, <i>Beijing Institute of Genomics, Chinese Academy of Sciences, Beijing, China</i></p> <p>S4-6: Endings in the Middle: Study of an Interstitial Telomere Sequence (ITS) at 22q11.2 Ju Yan, <i>University of Sherbrooke, Quebec, Canada</i></p> <p>S4-7: Identification of a Novel Modifier of <i>SOX10</i> in Melanocyte Development by a Sensitized Genome-Wide ENU Mutagenesis Screen Ling Hou, <i>Wenzhou Medical School, China and National Human Genome Research Institute, National Institutes of Health, Bethesda, MD, USA</i></p>
3:30 - 5:30 pm Theatre 1	S5: Mitochondrial Genetics Co-Chairs: Min-Xin Guan, Lee-Jun Wong	<p>S5-1: Modifier Factors Modulate the Phenotypic Expression of Deafness-associated Mitochondrial DNA Mutations Min-Xin Guan, <i>Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA and Wenzhou Medical College, Wenzhou, Zhejiang, China</i></p> <p>S5-2: Pediatric Liver Failure Caused by Mitochondrial DNA Depletion Lee-Jun Wong, <i>Baylor College of Medicine, Houston, TX, USA</i></p> <p>S5-3: Molecular Mechanism Underlying Differential Apoptosis Between Human Melanoma Cell Lines UACC903 and UACC903(+6) Revealed by Mitochondria-Focused cDNA Microarrays Yan A Su, <i>The George Washington University School of Medicine and Health Sciences, Washington, DC, USA</i></p> <p>S5-4: <i>SLC26A4</i> c.919-2A>G Varies Among Chinese Ethnic Groups as a Cause of Hearing Loss Pu Dai, <i>Chinese PLA General Hospital, Beijing, China</i></p> <p>S5-5: Clinical and Genetic Features of Leber's Hereditary Optic Neuropathy in Chinese Population Jia Qu, <i>Wenzhou Medical College, Wenzhou, Zhejiang, China</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S5-6: Clinical Analysis of 8 MELAS Patients with MtDNA A3243G Point Mutation David KH Chan, <i>Department of Health, HKSAR</i></p> <p>S5-7: Incidence of Mitochondrial D-Loop Alterations in Tobacco Associated Oral Squamous Cell Carcinoma Roy Arnab, <i>SRL Ranbaxy Limited, Mumbai, India</i></p>

<p>3:30 - 5:30 pm</p> <p>Theatre 4</p>	<p>S6:</p> <p>Genetic Therapeutics</p> <p>Co-Chairs: Savio Woo, Esther Chang</p>	<p>S6-1: Nanoparticle-Based Gene Therapy for Metabolic Disorders: Hepatic Delivery of Mini-Circular DNA for Complete Correction of Phenylketonuria Savio Woo, <i>Mount Sinai School of Medicine, New York, NY, USA</i></p> <p>S6-2: A Tumor-Targeting Nanoimmunoliposome for Systemic Cancer Gene Therapy Esther Chang, <i>Georgetown University, Washington, DC, USA</i></p> <p>S6-3: Enzyme Replacement Therapy for Lysosomal Storage Diseases Ida Hiroyuki, <i>Jikei University School of Medicine, Tokyo, Japan</i></p> <p>S6-4: Restoration of Mitochondrial Function Yidong Bai, <i>University of Texas Health Science Center, Houston, TX, USA</i></p>
<p>5:30 - 6:30 pm</p> <p>Exhibition Area</p>	<p>Poster Session I</p>	

10 June 2008, Tuesday

<p>8:30 - 9:30 am</p> <p>Theatres 2 & 3</p>	<p>Dr. Stanley Ho of Clinical Genomics</p>	<p>KS-3: Medicine – Clinical Genomics: The Physicians’ Dilemma Owen M Rennert, <i>The Eunice Kennedy Shriver National Institute of Child Health and Human Development, NIH, Bethesda, USA;</i> <i>introduced by Wai-Yee Chan, NICHD, NIH</i></p>
<p>9:30 - 10:00 am</p>	<p><i>Coffee Break</i></p>	
<p>10:00 am - 12:00 pm</p> <p>Theatre 4</p>	<p>S7:</p> <p>Stem Cells & Tissue Engineering</p> <p>Co-Chairs: Rocky S Tuan, Chi-Chung Hui</p>	<p>Concurrent Symposia</p> <p>S7-1: Adult Stem Cells and Nanomaterials in Skeletal Tissue Engineering and Regeneration Rocky S Tuan, <i>National Institute of Arthritis, Musculoskeletal and Skin Diseases, National Institutes of Health, Bethesda, MD, USA</i></p> <p>S7-2: Hedgehog Signaling in Epidermal Stem Cell Development and Tumorigenesis Chi-Chung Hui, <i>Hospital for Sick Children, University of Toronto, Ontario, Canada</i></p> <p>S7-3: Mesenchymal Stem Cells for Skeletal Tissue Engineering Oscar K Lee, <i>National Yang-Ming University, Taipei, Taiwan</i></p> <p>S7-4: Directed Differentiation of Embryonic Stem Cells into Cardiac Lineage Faye SY Tsang, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S7-5: Probing the Molecular Mechanisms of Cell Fate Restriction Bruce Lahn, <i>University of Chicago, Chicago, IL, USA</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S7-6: X-Chromosome Variations in a Parthenogenetic Human Embryonic Stem Cell Line Xiaofang Sun, <i>The Third Affiliated Hospital of Guangzhou Medical College, Guangzhou, China</i></p> <p>S7-7: Human Feeder Cells for Prolonged Culture of Human Embryonic Stem Cells Leiyu Deng, <i>Central South University, Changsha, Hunan, China</i></p>

<p>10:00 am - 12:00 pm</p> <p>Seminar Rooms 1, 2 & 3</p>	<p>S8:</p> <p>Prenatal & Pre-implantation Diagnosis & Screening</p> <p>Co-Chairs: Dennis Lo, Joe Leigh Simpson</p>	<p>S8-1: Noninvasive Prenatal Diagnosis of Trisomy 21 Using Cell-Free Fetal Nucleic Acids in Maternal Plasma Dennis Lo, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S8-2: Recovering Intact Fetal Cells from Maternal Blood Joe Leigh Simpson, <i>Florida International University College of Medicine, Miami, FL, USA</i></p> <p>S8-3: Preimplantation Genetic Diagnosis (Screening) for Chromosome Abnormalities Bing Huang, <i>Genzyme Genetics, Monrovia and Orange, CA, USA</i></p> <p>S8-4: Newborn Screening for Lysosomal Storage Disorders Deborah Marsden, <i>Harvard Medical School, Cambridge, MA, USA</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S8-5: Preimplantation Genetic Diagnosis for 20 Carriers with Robertsonian Translocation Ding Yuan, <i>Central South University, Changsha, Hunan, China</i></p> <p>S8-6: Molecular Genetic Diagnosis and Prenatal Diagnosis of Tuberous Sclerosis Patients in China Ding Yuan, <i>Central-South University, Changsha, Hunan, China</i></p>
<p>10:00 am - 12:00 pm</p> <p>Theatres 2 & 3</p>	<p>S9:</p> <p>Medical Genetics II</p> <p>Co-Chairs: Gregory A Grabowski, Nelson Tang</p>	<p>S9-1: Prospects and Progress in Development of Therapies for Lysosomal Storage Diseases Gregory A Grabowski, <i>University of Cincinnati, Cincinnati, OH, USA</i></p> <p>S9-2: Disorders of Carnitine and Fatty Acid Oxidation Pathway in Chinese Nelson Tang, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S9-3: Medical Application of aCGH: Clinical Experience of 14,000 Cases Sau-Wai Cheung, <i>Baylor College of Medicine, Houston, TX, USA</i></p> <p>S9-4: Clinical Application of Array-Based Comparative Genomic Hybridization Technologies: The Emerging New Era of Clinical Cytogenetics Marilyn Li, <i>Tulane University Health Sciences Center, New Orleans, LA, USA</i></p> <p>S9-5: Molecular Testing of Sudden Cardiac Death in Young People and Children Ming Qi, <i>Zhejiang University, Hangzhou, Zhejiang, China and University of Rochester, NY, USA</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S9-6: HBUB1/HSMAD2 Gene in Spontaneous Abortion Embryos with Numerical Chromosomal Abnormality Qiong Shi, <i>Chongqing Medical University, Chongqing, China</i></p> <p>S9-7: Subtelomeric Imbalances Seen in Hong Kong 2002-2008 Albert CF Lam, <i>Department of Health, Hong Kong SAR</i></p>
<p>12:00 - 12:30 pm</p> <p>Exhibition Area</p>	<p>Poster Session II</p>	
<p>12:30 - 2:00 pm</p> <p>Seminar Rooms 1, 2 & 3</p>	<p>Genzyme Lunch Seminar</p>	<p>The Development of the First Disease Specific Therapy for a Neuromuscular Disorder Deborah Marsden, <i>Global Medical Director, Genzyme Corporation</i></p>
<p>2:00 - 3:00 pm</p> <p>Theatres 2 & 3</p>	<p>CDC Lecture</p>	<p>KS-4: Public Health Genomics Programs at The Centers for Disease Control and Prevention (CDC) Eric J Sampson, <i>US Centers for Disease Control and Prevention, Atlanta, GA, USA;</i> <i>introduced by Andrew Chen, ACGA</i></p>
<p>3:00 - 3:30 pm</p>	<p><i>Coffee Break</i></p>	
<p>3:30 - 5:30 pm</p>	<p>Concurrent Symposia</p>	

<p>Theatre 4</p>	<p>S10: Clinical Genetics</p> <p>Co-Chairs: Virginia Kimonis, Tian-Jian Chen</p>	<p>S10-1: Genetics of Craniofacial Disorders Virginia Kimonis, <i>Univeristy of California, Irvine, CA, USA</i></p> <p>S10-2: Approaching for New Genes for X-linked Mental Retardation Tian-Jian Chen, <i>University of South Alabama, Mobile, AL, USA</i></p> <p>S10-3: Molecular Genetics of Limb Malformations Xue Zhang, <i>Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China</i></p> <p>S10-4: Genetic Defect of EDA Gene Underlies Non-Syndromic Oligodontia Shujuan Song, <i>Peking University Health Science Center, Beijing, China</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S10-5: Promoting the Quality of Genetic Testing in Clinical and Public Health Practices Chen Bin, <i>US Centers for Disease Control and Prevention, Atlanta, GA, USA</i></p> <p>S10-6: Clinical, Neuropathological and Genetic Studies of Chinese Patients with Infantile Neuroaxonal Dystrophy Yu-Wu Jiang, <i>Peking University First Hospital, Beijing, China.</i></p> <p>S10-7: Renal Dysplasia – Coarctation of Aorta. A New Association/Syndrome: A Report of 6 Cases Brian HY Chung, <i>The University of Hong Kong, HKSAR</i></p>
<p>3:30 - 5:30 pm Theatres 2 & 3</p>	<p>S11: Molecular Genetics</p> <p>Co-Chairs: Jer-Yuarn Wu, Yu-Lung Lau</p>	<p>S11-1: Prospective Study of Warfarin Dosage Requirements Jer-Yuarn Wu, <i>Academia Sinica, Taipei, Taiwan</i></p> <p>S11-2: Molecular Genetics Of Primary Immunodeficiencies (PID) Yu-Lung Lau, <i>The University of Hong Kong, HKSAR</i></p> <p>S11-3: Genomic Search for the High Myopia Genes Calvin Pang, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S11-4: Genetic Complexity of Angelman Syndrome in Chinese Ivan FM Lo, <i>Department of Health, Hong Kong, HKSAR</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S11-5: Identification of a Locus for X-Linked Dominant Non-Syndromic Hearing Impairment (DFN2) in a Large Chinese Family Huijun Yuan, <i>Chinese PLA General Hospital, Beijing, China</i></p> <p>S11-6: Functional Characterization of the Regulatory Region of Human CD2AP Promoter in HEK 293 cells Guo-Ping Zhou, <i>Nanjing Medical University, Nanjing, Jiangsu, China</i></p> <p>S11-7: Transcription Complexity Generated by Co-Transcription and Intergenic Splicing in Mammals Guanting Lu, <i>Beijing Institute of Genomics, the Chinese Academy of Sciences, Beijing, China</i></p>

<p>3:30 - 5:30 pm</p> <p>Seminar Rooms 1, 2 & 3</p>	<p>S12:</p> <p>Medical Genomics</p> <p>Co-Chairs: James Lupski, Bai-Lin Wu</p>	<p>S12-1: Genomic Disorders: The Genomic Basis of Disease James Lupski, <i>Baylor College of Medicine, Houston, TX, USA</i></p> <p>S12-2: Identify New Genomic Disorder/Syndrome by High-Resolution Whole Genome Microarray-Karyotyping Bai-Lin Wu, <i>Harvard University, Cambridge, MA, USA and Fudan University, Shanghai, China</i></p> <p>S12-3: MicroRNAs and Mental Retardation Peng Jin, <i>Emory University, Atlanta, GA, USA</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S12-4: MicroRNA-21 (MIR-21) Post-Transcriptionally Downregulates Oncogene PLAG1 in DNA Mismatch Repair Defective Colorectal Cancer Mei Qian, <i>Second Military Medical University, Shanghai, China</i></p> <p>S12-5: P53-Regulated MIR-17-92 Modulate HIF1a Expression under Hypoxia Hong-Li Yan, <i>Second Military Medical University, Shanghai, China</i></p> <p>S12-6: The PIR Gene Polymorphisms Are Associated with Bone Density in Chinese Women Nelson LS Tang, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S12-7: Reconstruction of Epigenetic Gene Regulatory Networks from Leukemia Microarray Profiles Xinan Yang, <i>Southeast University, Nanjing, Jiangsu, China</i></p> <p>S12-8: Genomic Imbalance Identified in Chinese Patients Associated with Mental Retardation Using Affymetrix 6.0 SNP Array Hongyan Wang, <i>Fudan University, Shanghai, China</i></p>
<p>7:30 - 9:30 pm</p>		<p>Conference Banquet in honor of Professor Yuet-Wai Kan</p>

11 June 2008, Wednesday

<p>8:30 - 9:30 am</p> <p>Theatres 2 & 3</p>	<p>ASHG Lecture</p>	<p>KS-5: Uncovering DNA Sequence Variation and Finding Their Meaning Aravinda Chakravarti, <i>Johns Hopkins University School of Medicine, Baltimore, MD, USA;</i> <i>introduced by Paul Tam, The University of Hong Kong, HKSAR</i></p>
<p>9:30 - 10:00 am</p>		<p><i>Coffee Break</i></p>
<p>Concurrent Symposia</p>		
<p>10:00 am - 12:00 pm</p> <p>Seminar Rooms 1, 2 & 3</p>	<p>S13:</p> <p>Environment-Gene Interaction</p> <p>Co-Chairs: Shuk-Mei Ho, Eric Moon-shong Tang</p>	<p>S13-1: Epigenetics Mediates Gene and Environment Interaction. Shuk-Mei Ho, <i>University of Cincinnati, Cincinnati, OH, USA</i></p> <p>S13-2: Searching for the True Villains of Lung and Liver Cancer: Finger Printing DNA Damage in the P53 Gene Eric Moon-shong Tang, <i>New York University School of Medicine, New York, NY, USA</i></p> <p>S13-3: Environment, Nutrition and Metabolism and the Risk of Neural Tube Defects in a High-risk Area of China Xue Gu, <i>Capital Institute of Pediatrics, Beijing, China</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S13-4: The Human E-Cadherin (CDH1) and Transforming Growth Factor-β1 (TGF-β1) Genetic Polymorphism and Childhood Asthma. Ruey-Hong Wong, <i>Chung Shan Medical University, Taichung, Taiwan</i></p> <p>S13-5: Abnormal Birth Outcome and Toxic Heavy Metal Exposure in an Electronic Waste Cycling Town of China Xia Huo, <i>Shantou University, Shantou, Guangdong, China</i></p>

<p>10:00 am - 12:00 pm</p> <p>Theatre 4</p>	<p>S14:</p> <p>Population Genetics</p> <p>Co-Chairs: Hong-Wen Deng, Li Jin</p>	<p>S14-1: Genetics/Genomics Studies of Osteoporosis Hong-Wen Deng, <i>University of Missouri, Kansas City, MO, USA</i></p> <p>S14-2: Analysis of Genomic Admixture and Selection of Informative Markers for Mapping Diseases in Uyghur Li Jin, <i>Fudan University, Shanghai, China</i></p> <p>S14-3: Expanded Neonatal Screening in Shanghai Xuefan Gu, <i>Shanghai Jiao Tong University and Shanghai Institute for Pediatric Research, Shanghai, China</i></p> <p>S14-4: Chinese Human Genome Diversity: Clues on Adaptive Selection? Jia-You Chu, <i>Chinese Academic Medical Sciences and Peking University Medical Center, Kunming, China</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S14-5: Predicting the Number and Sizes of IBD Regions Among Family Members and Evaluating the Family Size Requirement for Linkage Studies Wanling Yang, <i>The University of Hong Kong, Hong Kong, SAR</i></p> <p>S14-6: Positive Association of Schizophrenia to the JARID2 Gene Revealed in a Whole Genome Scan in a Homogeneous Population in Shandong Peninsula of China Gang Chen, <i>Institute of Basic Medicine, Shandong Academy of Medical Sciences, Shandong, China</i></p>
<p>10:00 am - 12:00 pm</p> <p>Theatres 2 & 3</p>	<p>S15:</p> <p>Complex Disorders</p> <p>Co-Chairs: Paul Tam, Jin-Xiong She</p>	<p>S15-1: Unraveling the Genetics of Congenital Disorders Paul Tam, <i>The University of Hong Kong, HKSAR</i></p> <p>S15-2: Prediction and Prevention Strategies for Type 1 Diabetes Based on Genetic, Genomic, Proteomic and Environmental Factors Jin-Xiong She, <i>Medical College of Georgia, Augusta, GA, USA</i></p> <p>S15-3: Forward Genetic Screen for Mutations in Mice Causing Congenital Heart Disease Cecilia Lo, <i>National Heart Lung and Blood Institute, National Institutes of Health, Bethesda, MD, USA</i></p> <p>S15-4: One-Carbon Metabolism and Breast Cancer: A Pathway-Based Approach Jia Chen, <i>Mount Sinai College of Medicine, New York, NY, USA</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S15-5: Lysyl Oxidase-Like 1 Gene Polymorphisms Not Contributing to Primary Open Angle Glaucoma Weifen Gong, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S15-6: Progress on Etiological Study of Congenital Heart Disease and Strategy of Candidate Gene Cloning Ying Chen, <i>The Chinese University of Hong Kong, HK SAR</i></p> <p>S15-7: Evaluation of 7 Monogenic Bone Disease Genes Revealed a Strong Association of -301T/C of SOST with Osteoporosis Qingyang Huang, <i>The University of Hong Kong, HKSAR</i></p>
<p>12:00 - 1:30 pm</p> <p>Seminar Rooms 1, 2 & 3</p>	<p>Societies of Human/Medical Genetics of the Pacific Rim (Moderator: Bai-Lin Wu, <i>Harvard University</i>)</p> <p>Hong Kong Society of Medical Genetics Stephen Lam, <i>President, Hong Kong Society of Medical Genetics</i></p> <p>Chinese Society of Medical Genetics Lin He, <i>President, Chinese Society of Medical Genetics</i></p> <p>American Society of Human Genetics Aravinda Chakravarti, <i>President, American Society of Human Genetics</i></p> <p>Association of Chinese Geneticists in America Min-Xin Guan, <i>President, Association of Chinese Geneticists in America</i></p>	

<p>1:30 - 2:30 pm Theatres 2 & 3</p>	<p>Wenzhou College of Medicine Lecture</p>	<p>KS-6: The Skeletal Dysplasias: Clinical-Molecular Correlations David Rimoin, <i>Cedars-Sinai Medical Center, UCLA School of Medicine, Los Angeles, CA, USA;</i> <i>introduced by Min-Xin Guan, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA</i></p>
<p>2:30 - 3:00 pm</p>	<p style="text-align: center;"><i>Coffee Break</i></p>	
<p>3:00 - 5:00 pm Theatres 2 & 3</p>	<p>S16: Genomic Technologies in the Post-Genomic Era Chair: Jian Han</p>	<p>Concurrent Symposia</p> <p>S16-1: Re-inventing PCR: Applications of a Novel Multiplex PCR Technology Jian Han, <i>Hudson Alpha Institute for Biotechnologies, Huntsville, AL, USA</i></p> <p>S16-2: Development of DNA Analysis Technologies: Analysis of mRNA in a Single Cell Hideki Kambara, <i>Hitachi Institute, Japan</i></p> <p>S16-3: Array-Based DNA Sequencing and Disease Investigation Baback Gharizadeh, <i>Stanford Genome Technology Center, Stanford University, Palo Alto, CA, USA</i></p> <p>S16-4: Sample and Assay Technologies for Molecular Medicine Helge Lubenow, <i>QIAGEN GmbH, Germany</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S16-5: The Drosophila Model for Screening Gene Candidates Related to Heart Failure on a Large Scale Wuzhou Yuan, <i>Hunan Normal University, Changsha, Hunan, China</i></p> <p>S16-6: Genetically Modified Rabbit Models for Medical Sciences Enqi Liu, <i>Xian Jiaotong University, Xian, Shaanxi, China</i></p>
<p>3:00 - 5:00 pm Seminar Rooms 1, 2 & 3</p>	<p>S17: Genetics of Emerging Diseases Co-Chairs: Kwok-Yung Yuen, Jun Yu</p>	<p>S17-1: Molecular Diversity of Coronaviruses Kwok-Yung Yuen, <i>The University of Hong Kong, HKSAR</i></p> <p>S17-2: Novel PPARγ Gene Modulation Using Ad-PPARγ and Rosiglitazone Ameliorates Non-Alcoholic Steatohepatitis Jun Yu, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S17-3: Genotype-Specific Genomic Markers Associated With Hepatitis B Virus-Related Primary Hepatocarcinoma Stephen Tsui, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S17-4: Host Genetic Susceptibility to Emerging Infectious Diseases Ui-Soon Khoo, <i>The University of Hong Kong, HKSAR</i></p>
	<p>Baylor College of Medicine Workshop</p>	<p>Breakthrough in Microarray Technology: Clinical Application</p> <p>I. New Frontiers in Prenatal Diagnosis: Clinical Application of Chromosomal Microarray Analysis Sau Wai Cheung, <i>Baylor College of Medicine, Houston, TX, USA</i></p> <p>II. Advances in Mitochondrial Genetics Using Next Generation Targeted Microarrays Lee-Jun Wong, <i>Baylor College of Medicine, Houston, TX, USA</i></p>

<p>3:00 - 5:00 pm</p> <p>Theatre 4</p>	<p>S18:</p> <p>Reproductive Genetics</p> <p>Co-Chairs: Chris Lau, Peter Koopman</p>	<p>S18-1: TSPY and Its X-Encoded Homologue Interact with Cyclin B but Exert Contrasting Functions on Cyclin Dependent Kinase 1 Activities Chris Lau, <i>University of California, San Francisco, CA, USA</i></p> <p>S18-2: Genetics of Intersex: Antagonism between Male and Female Sex Determining Pathways Peter Koopman, <i>University of Queensland, Brisbane, Australia</i></p> <p>S18-3: Deficiency in the HNRNP Protein Dazap1 Causes Infertility and Growth Retardation in Mice Pauline Yen, <i>Academia Sinica, Taipei, Taiwan</i></p> <p><u>Selected Abstract Presentation</u></p> <p>S18-4: New Candidate Genes for “Curlicue” Sperm Motility Abnormality Discovered by CGH Microarray Yibing Han, <i>The Chinese University of Hong Kong, HKSAR</i></p> <p>S18-5: Predictive Value of Semen Parameters in the Male Chromosomal Abnormality Yue-qiu Tan, <i>Central South University, Changsha, Hunan, China</i></p> <p>S18-6: Quantitative Abnormalities of Fetal Trophoblast Cells in Maternal Circulation in Preeclampsia Aihua Liao, <i>Tongji Medical College, Huazhong University of Science and Technology, Wuhan, Hunan, China</i></p>
<p>5:00 - 6:00 pm</p> <p>Theatres 2 & 3</p>	<p>Closing Ceremony</p>	<p>Co-Chairs: Paul Tam, <i>Pro-Vice-Chancellor, The University of Hong Kong</i>; Yao-Shan Fan, <i>President-elect, Association of Chinese Geneticists in America</i>; Stephen Lam, <i>President, Hong Kong Society of Medical Genetics</i></p> <p>Poster Award Presentation Presentation of gifts to major sponsors Acknowledgement of local organizers</p>