

## Day 1 - 15 November 2025 (Saturday)

Page 1

|             |                                                                                                                                                                                                                                             |                     |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 08:00-08:45 | Registration 登记                                                                                                                                                                                                                             |                     |
| 08:45-09:00 | Opening 开幕                                                                                                                                                                                                                                  |                     |
| 09:00-10:30 | Plenary Session 1<br>Chairpersons: CHAU Matthew 周海鍵; SUN Liquan 孙立群                                                                                                                                                                         | Grand Ballroom 锦绣厅  |
| 09:00-09:30 | Uncovering Skeletal Development Related Disorders Through Animal Modeling<br>通过动物模型揭示与骨骼发育相关的疾病                                                                                                                                             | LEE Brendan         |
| 09:30-10:00 | In Utero Therapy for Fetal Genetic Diseases<br>胎儿遗传病的宫内治疗                                                                                                                                                                                   | LEUNG Tak Yeung 梁德杨 |
| 10:00-10:30 | Genetic Risk Scores for Chronic Diseases and the Prevention<br>慢性病的遗传风险评分与预防                                                                                                                                                                | HUANG Hefeng 黄荷凤    |
| 10:30-11:00 | Tea Break 茶歇                                                                                                                                                                                                                                |                     |
| 11:00-12:30 | Parallel Session 1A: NIPS (Singleton & Twins)<br>无创产前检测 (单胎与双胎)<br>Chairpersons: CHOY Richard 蔡光伟; LUO Qiong 罗琼                                                                                                                             | Grand Ballroom 锦绣厅  |
| 11:00-11:25 | Next-Generation Noninvasive Prenatal Screening: Expanding Beyond Chromosomal Aneuploidy Detection<br>新一代无创产前筛查：<br>从染色体非整倍体检测到更广泛的应用                                                                                                        | ZHANG Jinglan 张静澜   |
| 11:25-11:50 | Non-invasive Prenatal Testing in the Management of Multiple Pregnancies<br>多胎妊娠管理中的无创产前检测                                                                                                                                                   | CHOY Richard 蔡光伟    |
| 11:50-12:15 | Incidental Findings of Maternal Disorders During Prenatal Cell-Free DNA Screening<br>产前游离DNA筛查过程中母体疾病的偶然发现                                                                                                                                  | CAO Ye 曹也           |
| 12:15-12:22 | Abstract Presentation<br>Validation of prenatal comprehensive cell-free DNA screening for multiple categories of fetal genetic disorders in general obstetric population<br>胎儿多重遗传病的综合性无创产前筛查(NIPS2.0)：在普通产科人群中的前瞻性验证研究                     | XUE Shuwen 薛淑文      |
| 12:22-12:29 | Abstract Presentation<br>Utility of COATE-Seq-based non-invasive prenatal screening for detecting multiple genetic disorders and fetal zygosity in twin pregnancy: a prospective study<br>基于COATE-Seq的无创产前筛查在双胞胎妊娠多种遗传病及胎儿基因型检测中的应用：一项前瞻性研究 | LU Jiaqi 卢嘉琪        |

## Day 1 - 15 November 2025 (Saturday)

Page 2

|                    |                                                                                                                                                                                                                                                                                                           |                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>11:00-12:30</b> | <b>Parallel Session 1B: Genetic Evaluation &amp; Counselling</b><br>遗传学评估与咨询<br><b>Chairpersons: SCOTT Daryl; LIU Aixia 刘爱霞</b>                                                                                                                                                                           | <b>Osmanthus Room 桂雨厅</b>   |
| <b>11:00-11:25</b> | <b>Amyotrophic Lateral Sclerosis: From Non-Treatable to Treatable, Genetic Complexity, and Counselling Challenges</b><br>肌萎缩侧索硬化症：<br>从不可治疗到可治疗的遗传复杂性与咨询挑战                                                                                                                                                | <b>CHONG Josephine 庄淑贞</b>  |
| <b>11:25-11:50</b> | <b>Genome-Wide Detection of Cytogenomic Changes Through Different Methodologies</b><br>通过不同方法实现全基因组细胞遗传学改变的检测                                                                                                                                                                                             | <b>DONG Zirui Elvis 董梓瑞</b> |
| <b>11:50-12:15</b> | <b>New Insights in Mitochondrial Medicine</b><br>线粒体医学的新见解                                                                                                                                                                                                                                                | <b>HUANG Taosheng 黄涛生</b>   |
| <b>12:15-12:22</b> | <b>Abstract Presentation</b><br>Prenatal Identification of Novel CDH2 Variants Associated with Neurodevelopmental and Cardiac Abnormalities<br>与神经发育及心脏异常相关的 CDH2 基因新发变异的产前诊断                                                                                                                             | <b>WANG Handuo 王涵铎</b>      |
| <b>12:22-12:29</b> | <b>Abstract Presentation</b><br>SNP-based tNGS increases the proportion of normal embryos in PGT-A across all maternal age groups compared with NGS alone and is associated with higher pregnancy rates<br>基于单核苷酸多态性 (SNP) 的靶向二代测序 (tNGS) 相比单纯二代测序 (NGS)，在所有母龄组别中均可提高植入前遗传学检测 (PGT-A) 中正常胚胎的比例，并与更高的妊娠率相关 | <b>JAIKLA Patthorn</b>      |
| <b>12:30-13:30</b> | <b>Lunch Symposium</b><br><br><b>Lunch Symposium A: Sponsored by BGI Genomics</b><br>午餐研讨会 A (华大基因赞助)<br><b>Chairperson: LUO Qiong 罗琼</b>                                                                                                                                                                 | <b>Grand Ballroom 锦绣厅</b>   |
| <b>12:45-13:00</b> | <b>Clinical Application and Consensus Interpretation of Expanded Carrier Screening</b><br>扩展性携带者筛查的临床应用现状与共识解读                                                                                                                                                                                            | <b>XU Chenming 徐晨明</b>      |
| <b>13:00-13:15</b> | <b>Fetal Genetics During Early Development: New Insights From Spatial Transcriptome</b><br>基于空间转录组技术的胎儿发育遗传新发现                                                                                                                                                                                            | <b>GAO Ya 高雅</b>            |
|                    | <b>Lunch Symposium B: Sponsored by Zhejiang Biosan Biochemical Technologies Co., Ltd</b><br>午餐研讨会 B (浙江博圣生物技术股份有限公司赞助)<br><b>Chairperson: CHOY Richard 蔡光伟</b>                                                                                                                                            | <b>Osmanthus Room 桂雨厅</b>   |
| <b>12:40-13:20</b> | <b>The performance of first trimester combined screening in the era of early anomaly scan</b><br>基于早孕排畸超声的早孕期联合筛查                                                                                                                                                                                         | <b>ZHENG MingMing 郑明明</b>   |

## Day 1 - 15 November 2025 (Saturday)

Page 3

|                                                        |                                                                                                                                                                                                                             |                                |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Parallel Session 2A: Expanded Carrier Screening</b> |                                                                                                                                                                                                                             |                                |
| <b>13:30-15:00</b>                                     | <b>扩展携带者筛查</b><br><b>Chairpersons: CHONG Josephine 庄淑贞; LV Min 吕旻</b>                                                                                                                                                       | <b>Lotus Room 莲花厅</b>          |
| <b>13:30-13:55</b>                                     | Overview of Expanded Genetic Carrier Screening in Hong Kong<br>香港扩展遗传携带者筛查概览                                                                                                                                                | LEUNG Tak Yeung 梁德杨            |
| <b>13:55-14:20</b>                                     | The Practice and Exploration of Expanded Carrier Screening in China<br>扩展携带者筛查在中国的实践与探索                                                                                                                                     | LV Yan 吕嫵                      |
| <b>14:20-14:45</b>                                     | Disclosure of Personal Health Risks From Expanded Carrier Screening<br>扩展携带者筛查中的个人健康风险披露                                                                                                                                    | CAO Ye 曹也                      |
| <b>14:45-14:52</b>                                     | <b>Abstract Presentation</b><br>Integrated Carrier Screening for Monogenic Disorders and Chromosomal Abnormalities in High-Risk Hong Kong Couples: A Prospective Cohort Study<br>单基因病与染色体异常的综合携带者筛查在香港高风险夫妻中的临床实践：一项前瞻性队列研究 | JIANG Suofanzi 姜索繁子            |
| <b>14:52-14:59</b>                                     | <b>Abstract Presentation</b><br>Prevalence of Aneuploidy Detected via Non-Invasive Prenatal Testing (NIPT) in a Single Center in Metro Manila, Philippines<br>非侵入性产前检测 (NIPT) 在菲律宾大马尼拉地区单中心中检测到的非整倍体发生率                     | SY Irben Jeremy<br>Yuchongtian |
| <b>Parallel Session 2B: AI and Bioinformatics</b>      |                                                                                                                                                                                                                             |                                |
| <b>13:30-15:00</b>                                     | <b>人工智能与生物信息学</b><br><b>Chairpersons: DONG Zirui Elvis 董梓瑞; WANG Xinyue 王馨越</b>                                                                                                                                             | <b>Osmanthus Room 桂雨厅</b>      |
| <b>13:30-13:55</b>                                     | A Machine Learning Approach to Identifying Low-Penetrance Genes<br>基于机器学习识别低外显率基因的方法                                                                                                                                        | SCOTT Daryl                    |
| <b>13:55-14:20</b>                                     | Integrating Next-Generation Phenotyping and Exome Sequencing for the Diagnosis of Rare Genetic Disorders<br>将新一代表型学与外显子组测序结合用于罕见遗传病诊断                                                                                       | HSIEH Tzung-Chien 谢宗潜          |
| <b>14:20-14:40</b>                                     | Artificial Intelligence-Assisted Karyotyping Analysis and Its Clinical Applications in the Cytogenetics Diagnostic Laboratory<br>人工智能辅助核型分析及其在细胞遗传学诊断实验室中的应用                                                                | CHAU Matthew 周海鍵               |
| <b>14:40-15:00</b>                                     | Research on Innovative Applications of the iMedImage Foundation Model in Medical Imaging<br>基于iMedImage®基座模型的医学影像创新应用研究                                                                                                     | LYU Zhengyang 吕政阳              |

## Day 1 - 15 November 2025 (Saturday)

Page 4

15:00-15:30 Tea Break 茶歇

### Parallel Session 3A: In Utero Treatment for Genetic Diseases

15:30-17:00 遗传病的宫内治疗

Lotus Room 莲花厅

Chairpersons: CAO Ye 曹也; ZHANG Jinglan 张静澜

15:30-15:55 In Utero Therapy for Thalassemia

LEUNG Tak Yeung 梁德杨

地中海贫血的宫内治疗

15:55-16:20 RhD Blood Group Screening and Perinatal Management Strategies in East Asian Populations

DUAN Honglei 段红蕾

RhD 血型筛查与东亚人群围产期管理策略

16:20-16:45 Gene Editing-Mediated Gene Therapy for Genetic Diseases

YANG Hui 杨辉

基因编辑介导的遗传病基因治疗

16:45-17:10 Autoinflammatory and Autoimmune Diseases: Diagnosis and Targeted Therapy

ZHOU Qing 周青

自身炎症性与自身免疫性疾病：诊断与靶向治疗

### Parallel Session 3B: New Genetic Disorders

15:30-17:00 新遗传疾病

Osmanthus Room 桂雨厅

Chairpersons: LO Fai Man Ivan 卢辉文; JIN Pengzhen 金鹏珍

15:30-15:55 Gene Discovery in the Clinic: Seeing Things for What They Are  
临床中的基因发现：洞察与挑战

SCOTT Daryl

15:55-16:20 The Development and Validation of Antisense Oligonucleotide Therapies for Genetic Disorders  
针对遗传病的反义寡核苷酸治疗的开发与验证

LIU Pengfei 刘鹏飞

16:20-16:45 The Nuclear Functions of MIWI/piRNA in Spermatocytes  
MIWI/piRNA

LIU MoFang 刘默芳

在精母细胞中的核功能

16:45-16:52 Abstract Presentation

Underrecognized genome-wide uniparental disomy and triploidy in human blastocysts revealed by a concurrent preimplantation genetic testing approach

LI Ying 李颖

通过一种一站式植入前胚胎遗传学检测方法揭示人类囊胚中未被充分认识的全基因组范围内单亲二倍体和三倍体

16:52-16:59 Abstract Presentation

CASE REPORT: NEW VARIANT (NOVEL) OF TCF4 GENE ASSOCIATED WITH PITT - HOPKINS SYNDROME

HUYEN, Vu Thi

病例报告：与Pitt-Hopkins综合征相关的TCF4基因新发（新型）变异

## Day 2 - 16 November 2025 (Sunday)

Page 5

|                                                      |                                                                                                                                                                                                                                                                                                                                 |                           |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>Parallel Session 4A: Genetics in Reproduction</b> |                                                                                                                                                                                                                                                                                                                                 |                           |
| <b>09:00-10:30</b>                                   | <b>生殖遗传学</b><br><b>Chairpersons: SCAGLIA Fernando; CHEN Min 陈敏</b>                                                                                                                                                                                                                                                              | <b>Lotus Room 莲花厅</b>     |
| <b>09:00-09:25</b>                                   | Ovarian Aging: Genetic Background and Micro-Environmental Factors<br>卵巢老化：遗传背景与微环境因素                                                                                                                                                                                                                                            | ZHANG Dan 张丹              |
| <b>09:25-09:50</b>                                   | Concurrent Preimplantation Genetic Testing for Aneuploidies, Structural Rearrangements, and Monogenic Conditions, Integrating the Detection of Triploidy and Genome-Wide Absence of Heterozygosity<br>胚胎植入前遗传学检测（非整倍体、结构变异与单基因病）并结合三倍体及全基因组杂合缺失的检测                                                                              | CHAU Matthew 周海键          |
| <b>09:50-10:15</b>                                   | Mosaicism and First Trimester Pregnancy Loss<br>嵌合体与妊娠早期流产                                                                                                                                                                                                                                                                      | CHOY Richard 蔡光伟          |
| <b>10:15-10:22</b>                                   | <b>Abstract Presentation</b><br>Defects in CFAP46 lead to oligoasthenoteratozoospermia by impairing manchette and sperm tail assembly in humans and mice<br>CFAP46 基因缺陷通过影响人类和小鼠精子颈及精子尾部轴丝组装导致少弱畸精子症                                                                                                                            | HU Tongyao 胡童谣            |
| <b>10:22-10:29</b>                                   | <b>Abstract Presentation</b><br>Pregnancy Outcomes of Atypical Ploidy Embryos with Normal Preimplantation Genetic Testing for Aneuploidy (PGT-A) Using Targeted Next Generation Sequencing Combined with Single-Nucleotide Polymorphism Array Approach<br>采用靶向新一代测序结合单核苷酸多态性芯片（SNP array）方法进行植入前非整倍体遗传学检测（PGT-A）之非典型倍体胚胎的妊娠结局研究 | JAIKLA Patthorn           |
| <b>Parallel Session 4B: IEM and Endocrinology</b>    |                                                                                                                                                                                                                                                                                                                                 |                           |
| <b>09:00-10:30</b>                                   | <b>先天性代谢缺陷与内分泌学</b><br><b>Chairpersons: CHONG Josephine 庄淑贞; ZHANG Jinglan 张静澜</b>                                                                                                                                                                                                                                              | <b>Osmanthus Room 桂雨厅</b> |
| <b>09:00-09:25</b>                                   | Treating Urea Cycle Disorders as a Model for Approaching Inborn Errors of Metabolism<br>尿素循环障碍的治疗作为代谢性疾病的研究模型                                                                                                                                                                                                                   | LEE Brendan               |
| <b>09:25-09:50</b>                                   | Use of Metabolomics in Inborn Errors of Metabolism<br>代谢组学在先天性代谢病研究中的应用                                                                                                                                                                                                                                                         | SCAGLIA Fernando          |
| <b>09:50-10:15</b>                                   | Mitochondrial Deafness: Genetics, Prevention and Treatment<br>线粒体耳聋的遗传学、预防与治疗                                                                                                                                                                                                                                                   | GUAN Minxin 管敏鑫           |
| <b>10:15-10:22</b>                                   | <b>Abstract Presentation</b><br>Characterization of ciliopathies diagnosed by prenatal exome sequencing in fetuses with ultrasound abnormalities<br>产前外显子组测序技术诊断的超声异常胎儿纤毛病特征分析                                                                                                                                                  | ZHU Xiaofan 朱晓帆           |
| <b>10:22-10:29</b>                                   | <b>Abstract Presentation</b><br>Prenatal Management of Maternal Pelvic Adnexal Mass Highly Suspicious of Malignancy: Some Experience Can Be Taken from A Reversed Decidualized Endometrioma<br>高度怀疑恶性的母体附件区包块的产前处理：基于个案的经验分享                                                                                                    | YANG Yi 杨怡                |
| <b>10:30-11:00</b>                                   | <b>Tea Break 茶歇</b>                                                                                                                                                                                                                                                                                                             |                           |

## Day 2 - 16 November 2025 (Sunday)

Page 6

|                    |                                                                                                                                                                                                                        |                           |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>11:00-12:30</b> | <b>Parallel Session 5A: Genetics in Infertility</b><br><b>生殖不育遗传学</b><br><b>Chairpersons: CHOY Richard 蔡光伟; LV Min 吕旻</b>                                                                                              | <b>Lotus Room 莲花厅</b>     |
| <b>11:00-11:25</b> | Spindle Assembly and Female Fertility<br>纺锤体组装与女性生育力                                                                                                                                                                   | WANG Lei 王磊               |
| <b>11:25-11:50</b> | Loss-of-Function in Genes From Chromosome X and Its Role in Infertility<br>X 染色体基因功能缺失在不育中的作用                                                                                                                          | DONG Zirui Elvis 董梓瑞      |
| <b>11:50-12:15</b> | Genetic Pathogenesis and Clinical Intervention of Asthenoteratozoospermia<br>弱畸精子症的遗传致病机理和临床干预                                                                                                                         | LIU Chunyu 刘春雨            |
| <b>12:15-12:22</b> | <b>Abstract Presentation</b><br>Application of Combined Karyotyping and Mate-Pair Genome Sequencing in Recurrent Pregnancy Loss<br>染色体核型分析联合Mate-pair测序技术在复发性流产中的应用                                                    | ZHENG Yuting 郑玉婷          |
| <b>12:22-12:29</b> | <b>Abstract Presentation</b><br>A Compound Heterozygote of Novel Variants in FSHR Related to Primary Amenorrhea: The First Case in Vietnam<br>与原发性闭经相关的FSHR基因复合杂合新发变异：越南首例病例报告                                         | TRANG Dao                 |
| <b>11:00-12:30</b> | <b>Parallel Session 5B: Microbiome &amp; Autism</b><br><b>微生物组与自闭症</b><br><b>Chairpersons: SCAGLIA Fernando; CHEN Min 陈敏</b>                                                                                           | <b>Osmanthus Room 桂雨厅</b> |
| <b>11:00-11:25</b> | Deciphering the Genetics of Autism Spectrum Disorder<br>解析自闭症谱系障碍的遗传学                                                                                                                                                  | LO Fai Man Ivan 卢辉文       |
| <b>11:25-11:50</b> | Genetics of Childhood Food Allergy<br>儿童食物过敏的遗传学                                                                                                                                                                       | LEUNG Ting Fan 梁廷勋        |
| <b>11:50-11:57</b> | <b>Abstract Presentation</b><br>Early Bladder Shunting for Fetal Megacystis due to De Novo MYOCD Variant 因新发 MYOCD 基因变异导致胎儿巨大膀胱的早期膀胱分流术                                                                                | WANG Yue 王玥               |
| <b>11:57-12:04</b> | <b>Abstract Presentation</b><br>Novel ACAN Mutations and Therapeutic Effect of rhGH in a Single-center Cohort of Chinese Short Stature Children and a review of the literature<br>中国单中心矮小儿童ACAN基因新突变位点及生长激素疗效队列研究及文献复习 | CHEN Yao 陈瑶               |
| <b>12:04-12:11</b> | <b>Abstract Presentation</b><br>Validation of Multiplex Long-Read Sequencing for Precise CAG Repeat Expansion Profiling in Spinocerebellar Ataxias<br>通过多重扩增子长读长测序验证脊髓小脑性共济失调患者的CAG重复序列扩增                              | CHUN Yuet Lam 秦月琳         |
| <b>12:11-12:18</b> | <b>Abstract Presentation</b><br>Case Report: Prenatal Diagnosis Of 3MC Syndrome Caused By A Homozygous Novel MASP1 Pathogenic Variant<br>病例报告：由MASP1基因纯合新型致病变异导致的3MC综合征产前诊断                                            | NGUYEN Hao                |

## Day 2 - 16 November 2025 (Sunday)

Page 7

|             |                                                                                                                                                                                                                                                                                                                                            |                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 12:30-13:30 | Lunch Symposium午餐研讨会                                                                                                                                                                                                                                                                                                                       | Lotus Room 莲花厅     |
| 12:30-13:30 | Lunch Symposium午餐研讨会                                                                                                                                                                                                                                                                                                                       | Osmanthus Room 桂雨厅 |
| 13:30-15:00 | <b>Parallel Session 6A: Genetics in Macrosomia &amp; FGR</b><br>巨大儿与胎儿生长受限的遗传学<br><b>Chairpersons: LEUNG Ting Fan 梁廷勋; SUN Liqun 孙立群</b>                                                                                                                                                                                                   | Grand Ballroom 锦绣厅 |
| 13:30-13:55 | The Genetic Etiologies of Fetal Growth Restriction<br>胎儿生长受限的遗传学病因<br>SUN Luming 孙路明                                                                                                                                                                                                                                                       |                    |
| 13:55-14:20 | Genetic Diagnosis of Fetal Macrosomic Syndrome<br>巨大儿综合症的遗传学诊断<br>LEUNG Tak Yeung 梁德杨                                                                                                                                                                                                                                                      |                    |
| 14:20-14:45 | Prenatal Imaging Findings Associated With Genetic Conditions of Heterogeneous Etiology<br>与多种病因相关的遗传疾病的产前影像学表现<br>SUN Liqun 孙立群                                                                                                                                                                                                            |                    |
| 14:45-14:52 | <b>Abstract Presentation</b><br>Retrospective analysis of outcomes and follow-up of 507 fetal cases with pathogenic and likely pathogenic chromosomal microdeletion and microduplication detected by CNV-seq in a single center from 2018 to 2024<br>单中心回顾性分析2018至2024年期间经CNV-seq诊断的507例致病性及可疑致病性染色体微缺失、微重复的胎儿病例临床信息及随访<br>XU Jingjing 徐晶晶 |                    |
| 14:52-14:59 | <b>Abstract Presentation</b><br>Clinical and Molecular Findings in MECP2 Duplication Syndrome: A Retrospective Single-Centre Study in the Hong Kong Chinese Population<br>香港华人患者MECP2重复综合症之临床与分子特征：单中心回顾性研究<br>LAI Pok Nga 黎博雅                                                                                                             |                    |
| 13:30-15:00 | <b>Parallel Session 6B: Genetics of CAKUT</b><br>CAKUT 的遗传学（先天性肾脏及泌尿道畸形）<br><b>Chairpersons: LO Fai Man Ivan 卢辉文; JIANG Ying 蒋颖</b>                                                                                                                                                                                                        | Osmanthus Room 桂雨厅 |
| 13:30-13:55 | Contribution of Genomic Imbalance in Prenatal Congenital Anomalies of the Kidney and Urinary Tract (CAKUT)<br>基因组不平衡对胎儿 CAKUT 的贡献<br>CHOY Richard 蔡光伟                                                                                                                                                                                      |                    |
| 13:55-14:20 | Paediatrics in CAKUT<br>CAKUT 的儿科管理<br>SCAGLIA Fernando                                                                                                                                                                                                                                                                                    |                    |
| 14:20-14:45 | High-Risk and Family Screening of Fabry Disease<br>法布里病的高风险及家系筛查<br>MAO Jianhua 毛建华                                                                                                                                                                                                                                                        |                    |
| 14:45-14:52 | <b>Abstract Presentation</b><br>The role of placental DNA methylation in the association between mercury and manganese exposure and risk of neural tube defects<br>胎盘DNA甲基化在汞和锰暴露与神经管缺陷发病关联中的作用<br>JIN Lei 靳蕾                                                                                                                              |                    |
| 14:52-14:59 | <b>Abstract Presentation</b><br>A Woman with Hypoparathyroidism, Sensorineural Deafness, and Renal Dysplasia Syndrome - Genetic Basis, Clinical Features, and Management of the Disease<br>一名患有甲状旁腺功能减退-感音神经性耳聋-肾发育不良综合征的女性——该疾病的遗传基础、临床特征和治疗<br>NG Ho Hei 伍皓希                                                                             |                    |

## Day 2 - 16 November 2025 (Sunday)

Page 8

15:00-15:30 Tea Break 茶歇

### 15:30-17:00 Plenary Session 2

Chairpersons: DONG Zirui Elvis 董梓瑞; LIU Aixia 刘爱霞

Grand Ballroom 锦绣厅

15:30-16:00 Gut Microbiome and Allergic Diseases  
肠道微生物群与过敏性疾病

LEUNG Ting Fan 梁廷勋

16:00-16:30 Clinical Trials in Mitochondrial Disease  
线粒体疾病的临床试验

SCAGLIA Fernando

16:30-17:00 From Genetic Associations to Genes and Spatial Cellular Contexts  
for Human Complex Diseases  
从遗传关联到基因及空间细胞环境在复杂人类疾病中的作用

YANG Jian 杨剑