

Empowering Reproductive Health:
Gene Solutions at
30th International Conference on Prenatal
Diagnosis and Therapy, Virtual Conference

International Society for Prenatal Diagnosis

SYMPOSIUM

Advancing Prenatal Screening: Validation and Clinical Utility of Integrated Non-Invasive Testing with Focus on Carrier Screening and Single-Gene Disorders

Time: **7:30- 8:30 AM (EDT) | 8 July 2026**
(Singapore Time: 7:30- 8:30 PM)

Duration: 60 Minutes



Ida Deleskog Lindstroem
Global Medical Affairs
Director, Gene Solutions,
Singapore



Dr. Natalie Chandler
Principal Clinical Scientist,
Great Ormond Street
Hospital, London, UK



Dr. Sang Hung Tang
Medical Director, Medical
Genetics Institute of HCMC,
Vietnam



Dr. Hoa Giang
Co-founder & Chief Data
Science Officer, Gene
Solutions, US



AGENDA:

7:30- 7:35 AM EDT

- **Welcome and Introduction**
Ida Deleskog Lindstroem

7:35- 7:50 AM EDT

- **From Trisomies to Broader Prenatal Genomics: Evidence, Challenges, and A Framework for Responsible Clinical Integration**
Dr. Natalie Chandler

7:50- 8:05 AM EDT

- **Large-Scale Real-World Evidence of Expanded Carrier Screening via Routine NIPT from Asian Pregnant Women**
Dr. Sang Hung Tang

8:05-8:20 AM EDT

- **Multi-Omic Biomarkers and AI for Early Risk Stratification of Gestational Diabetes Mellitus and Preterm Birth**
Dr. Hoa Giang

8:20-8:28 AM EDT

- **Q&A and Panel Discussion**

8:28-8:30 AM EDT

- **Closing remarks**

SCIENTIFIC SESSION

Minimally Invasive Endometrial Cancer Triage Using Methylation to Reduce Unnecessary Dilation and Curettage/Biopsies in Transvaginal Ultrasound High-Risk Patients

Time: **7:30- 8:00 AM (EDT) | 9 July 2026**
(Singapore Time: 7:30- 8:00 PM)

Duration: 30 Minutes



Dr. Lee Ho Sze Jacqueline
Clinical Associate Professor,
Chinese University of Hong
Kong, Hong Kong



Dr. Safedin Sajo Beqaj
Medical Laboratory Director,
Gnosis, US



AGENDA:

7:30- 7:42 AM EDT

- **Unmet Needs in Endometrial Cancer Detection and Clinical Validation of A CDO1/CELF4 Methylation Assay (epiHERA®)**

Dr. Lee Ho Sze Jacqueline

7:42- 7:55 AM EDT

- **Clinical Practice Experience and Real-World Application of A CDO1/CELF4 Methylation Assay (epiHERA®)**

Dr. Safedin Sajo Beqaj

7:55- 8:00 AM EDT

- **Q&A and Closing Remarks**

Scientific Abstracts

2 oral presentations and 3 posters

Oral presentation | 7 July 2026, 1:00 - 2:00 PM EDT



**Expanded Carrier Screening Through Routine NIPT:
A Real-World Evidence from 225,092 Asian
Pregnant Women**

Dr. Sang Hung Tang



**Diagnostic Yield of CNV-seq and Clinical Exome
Sequencing in 788 Fetuses with Fetal Growth
Restriction: A Multicenter Retrospective Study**

Dr. Khanh Nguyen

Virtual Poster | 8 July 2026, 1:30 - 2:15 PM EDT

**Gene-based Screening Using GAP-PCR and MALDI-TOF MS
Versus Haemogram-Based Screening for Thalassaemia in Early
Pregnancy in Vietnam**

Dr. Hien Le

**Determining The Positive Predictive Value of NIPT for Detection
of The 22q11.2 Deletion Syndrome in Clinical Practice**

Dr. Sang Hung Tang

**Spectrum of Chromosomal Abnormalities in Vietnamese
Fetuses with Prenatal Anomalies**

Dr. Minh Phan