

WORLD CONGRESS

SEOUL, SOUTH KOREA

16-19 October 2023

Photo source Seoul Tourism Organization

PRE-CONGRESS COURSE – 15 OCTOBER 2023

GENOMICS: AM

| Time (KST) | Ultrasound meets genomics in reproductive care |
|---------------|---|
| Part 1 | Integrating imaging and genomics for prenatal diagnosis <i>Chairs: Lawrence Platt (USA) and Daniel Rolnik (USA)</i> |
| 09:00 | Early diagnosis of fetal anomalies <i>Jehan Karim (United Kingdom)</i> |
| 09:20 | 1st trimester prediction of pregnancy complications <i>Fabricio da Silva Costa (Australia)</i> |
| 09:40 | Ultrasound meets Genomics - Interesting cases <i>Simon Meagher (Australia)</i> |
| 10:00 | Questions and discussion <i>Lawrence Platt (USA)</i> |
| 10:30 | BREAK |
| Part 2 | CfDNA application in prenatal diagnosis and beyond <i>Chairs: Fabricio da Silva Costa (Australia) and Francesca Grati (Italy)</i> |
| 11:00 | Expanded cfDNA test <i>Daniel Rolnik (Australia)</i> |
| 11:20 | CfDNA test for spontaneous miscarriage <i>Antoni Borrell (Spain)</i> |
| 11:40 | CfDNA test and maternal health <i>Britton Rink (USA)</i> |
| 12:00 | Questions and discussion <i>Francesca Grati (Italy)</i> |
| 12:30 | LUNCH |

This program is provisional and is subject to change.

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GYNECOLOGY: PM

| Time (KST) | Ultrasound meets genomics in reproductive care |
|---------------|--|
| Part 1 | Reproductive Genomics <i>Chair: Britton Rink</i> |
| 13:30 | Exome sequencing in FGR/Skeletal dysplasia <i>Fionnuala Mone (United Kingdom)</i> |
| 13:50 | Prenatal clinical implementation WES/WGS |
| 14:10 | Exome sequencing in fetal hydrops <i>Mary Norton (USA)</i> |
| 14:30 | Questions and discussion <i>Mary Norton (USA)</i> |
| 15:00 | BREAK |
| Part 2 | Emerging applications in genomic screening <i>Chairs: Yuval Yaron (Israel) and Lorraine Dugoff (USA)</i> |
| 15:30 | Cell-free DNA virome <i>Mar Gil (Spain)</i> |
| 15:50 | Cell-based NIPT <i>Francesca Grati (Italy)</i> |
| 16:10 | Carrier screening <i>Yuval Yaron (Israel)</i> |
| 16:30 | Questions and discussion <i>Lorraine Dugoff (USA)</i> |
| 16:35 | Closing remarks <i>Francesca Grati (Italy), Britton Rink (USA), Fabricio da Silva Costa (Australia)</i> |

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