# 14th Asia Pacific Congress in Maternal Fetal Medicine cum 2nd BCM-CUHK Joint Symposium in Clinical Genetics & Birth Defects: Pre-Congress Workshop (9:00-13:30, 18 May 2018)

## From NIPT to MCA and NGS in Prenatal Diagnosis

<table>
<thead>
<tr>
<th>Programme</th>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>9:00 – 9:20</td>
<td>NIPT: the counting method and common aneuploidies</td>
<td>I Van den Veyver</td>
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<td>9:20 – 9:35</td>
<td>NIPT for sex chromosome abnormalities</td>
<td>O Chan</td>
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<td>9:35 – 9:50</td>
<td>NIPT: measuring the fetal fraction</td>
<td>TY Leung</td>
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<td>9:50 – 10:05</td>
<td>Role of CMA for NIPT positive cases</td>
<td>R Choy</td>
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<td>10:05 – 10:20</td>
<td>NIPT for microdeletion syndromes</td>
<td>TY Leung</td>
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<td>10:20 – 10:40</td>
<td>NIPT for single gene disorders</td>
<td>M Choolani</td>
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<td>10:40 – 11:00</td>
<td>Clinical approach for unexpected findings from NIPT: case study</td>
<td>O Chan</td>
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<td>11:00:11:20</td>
<td>Tea break</td>
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<td>11:15 – 11:35</td>
<td>Chromosomal mosaicism and implications on first trimester prenatal diagnosis, non invasive prenatal testing and PGT</td>
<td>F Grati</td>
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<td>11:35 – 11:50</td>
<td>Microdeletion syndromes: mechanism</td>
<td>F Zhang</td>
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<td>11:50 – 12:20</td>
<td>Microdeletion syndromes identified by CMA and case illustration</td>
<td>TY Leung</td>
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<td>12:20 – 12:40</td>
<td>Testing options beyond karyotype and CMA for fetus with structural anomaly</td>
<td>M Evans</td>
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<td>12:40 – 13:00</td>
<td>Low pass sequencing: replacing karyotyping and CMA?</td>
<td>R Choy</td>
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<td>13:00 – 13:25</td>
<td>Baylor’s experience sharing on CMA</td>
<td>SW Cheung</td>
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<td>13:30</td>
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### Overseas Speakers:

- **CHEUNG, Sau Wai**
  - Professor
  - Molecular and Human Genetics
  - Baylor College of Medicine
  - Houston, TX, US

- **Prof. EVANS Mark**
  - Clinical Professor
  - Obstetrics, Gynecology and Reproductive Science
  - The Mount Sinai Hospital, US

- **VEYVER, Ignatia Barbara Van den**
  - Professor
  - Obstetrics and Gynecology
  - Maternal Fetal Medicine
  - Baylor College of Medicine
  - Houston, TX, US

- **CHOOLANI, Mahesh**
  - Associate Professor and Senior Consultant
  - Department of Obstetrics and Gynaecology
  - National University Hospital, Singapore

- **GRATI, Francesca**
  - R&D Director and Head of the Molecular Cytogenetics Diagnostics Unit
  - Toma Advanced Biomedical Assays S.p.a. Laboratory, Italy

### Local Speakers:

- **Dr. CHAN Yiu Man Olivia**
  - Associate Consultant
  - Department of Obstetrics and Gynaecology
  - Prince of Wales Hospital
  - Hong Kong

- **Prof. LEUNG Tak Yeung**
  - Chairman and Professor
  - Department of Obstetrics and Gynaecology
  - The Chinese University of Hong Kong
  - Hong Kong

- **Dr. CHOI Kwong Wai Richard**
  - Associate Professor
  - Department of Obstetrics and Gynaecology
  - The Chinese University of Hong Kong
  - Hong Kong