ISUOG
Pre-Congress course

Program

20 October 2018, Singapore
From genetics to obstetric management: essential genetics in practice

Learning Objectives:

1. Understanding of different molecular technologies and their associated advantages and limitations;
2. Appropriate use of testing tools;
3. Development of screening programmes with technological advances;
4. What genetic tests mean and how they influence clinical practice

08:00-08:45	Registration opens
	Chairs: Angeline Lai (Singapore), Lorraine Dugoff (USA)
08:45-9:00	Welcome and Introduction
09:00-09:30	Aneuploidy, translocation, variation, point mutations: what is happening to our chromosomes?
09:30-10:00	Principles of screening and diagnosis
10:00-10:30	Confounding biological factors for your non-invasive prenatal tests
10:30-11:00	*Refreshment break*
11:00-11:30	Cell free DNA in practice: learning from difficult cases
11:30-12:00	Karyotype, microarray and exome sequencing
12:00-12:30	Ethical considerations around prenatal, preimplantation and preconception testing
12:30-13:20	*Lunch*
	Chairs: Lorraine Dugoff (USA), George Yeo (Singapore)
13:20-13:50	Preimplantation genetic screening and preimplantation genetic diagnosis
13:50-14:20	From genetics to obstetric management: insights into obstetrics complications
14:20-14:50	Sequencing cell-free DNA for single gene disorders: next 'must-have' prenatal screening tool?
14:50-15:20	*Refreshment break*
15:20 -15:50	Genetic evaluation of fetal sonographic anomalies
15:50 -16:20	From genetics to ultrasound: insights into congenital heart defects
16:20-16:50	Genetics testing and your legal obligations
16:50-17:20	What to tell your patients – panel with case studies
17:20	End of the course

Please note that this is a provisional schedule which may change.

In partnership with

Society for Maternal-Fetal Medicine