

7th COGEN Congress

Saturday September 26, 2020

10:00-17:00 Central European Time (CET)

Welcome Note

Yuval Yaron, Israel

10:10-11:40 Session 1: Preimplantation genetic testing (PGT)

Noninvasive PGT

Svetlana Madjunkova, Canada

Update of PGT-A

Santiago Munne, Spain

PGT-M for adult onset conditions

Joe Leigh Simpson, USA

PGT for polygenic conditions PGT-P

Nathan Treff, USA

11:40-12:40 Sponsored satellite symposium (Perkin Elmer)

12:40-14:00 Session 2: Non Invasive Prenatal testing

The TRIDENT study and genome wide cfDNA testing

Diane Van Opstal, The netherlands

Single circulating trophoblast testing for noninvasive prenatal diagnosis

Art Beaudet, USA

Cell-free DNA testing in recurrent pregnancy loss

Yuval Yaron, Israel

The future of cfDNA testing

Rossa Chiu, Hong Kong

14:00-15:30 Session 3: Whole exome and whole genome sequencing in prenatal diagnosis

Advances in Prenatal Diagnosis: from karyotype to whole genome sequencing

Brynn Levy, USA

Exome sequencing for the diagnosis of monogenic conditions in fetuses with structural anomalies

Lyn Chitty, UK

Whole Genome Sequencing in Prenatal Diagnosis

John Belmont, USA

15:30-17:00 Session 4: Reproductive genetics

Lessons from expanded carrier screening in the US

Jim Goldberg, USA

Genetic aspects of poor ovarian reserve

Adi Reches, Israel

Microbiome of the female reproductive tracts

Inmaculada Moreno, USA

Closing remarks

Yuval Yaron