



22nd International Conference on Preimplantation Genetics

Leuven, Belgium, April 6-9, 2025

Pre-Congress Session, Sunday, 6th April (2:00 pm-5:00 pm)

Main program

Day 1: Monday April 7

Opening and Welcome: 8.45-9.00 Joris Vermeesch and Anver Kuliev

9.00-9.30: **Plenary lecture:** Dominant diseases and Recessive risks

9.30- 11.00: **Session 1: Origins of aneuploidy**

11.00-11.30: Coffee Break

11.30-13.00 : **Session 2: PGT-A**

11.30-13.00 : Oral Communications on PGT-A

13.00-14.00: Lunch break

14.00-14.30: **Plenary Lecture:** Genetics of Female infertility

14.00-15.30 : **Session 3 Oral Communications on PGT-M, PGT-SR, PGT-HLA**

15.30-16.00 Coffee Break

16.00-18.00: **Session 4: Non-invasive PGT**

(Contributions from Selected Abstracts)

Day 2: Tuesday April 8

9.00- 9.30 **Plenary lecture:** Embryo Models from Stem Cells

9.30-11.00: **Session 5: Blastoids/Embroids**

11.00-11.30: Coffee Break

11.30-13.00 : **Session 6 : Screening programs**

11.30-12.00: Expanded Carrier screening (ECS)

12.00-12.30: ECS Impact on Indication profile and expanded application of PGT-M

12.30-13.00: Mitochondrial genotype associated with low birthweight after ART

13.00-14.00: Lunch break

14.00-15.30: **Session 7 Embryonic genome Editing**

15.30-16.00 Coffee Break

16.00-18.00: **Session 8: Comprehensive PGT/ Whole genome sequencing**

Day 3: Wednesday April 9

9.00- 9.30 **Plenary lecture** :Embryo Live Imaging

9.30-11.00: **Session 9: Possible Future PGT Applications/ New Technologies**

11:00-11:30 Favorable Traits

11.00-11.30: Coffee Break

11.30-12.00: Multigene Conditions

12.00-12.30: Transcriptome based selection

12.30-13.00: Multi-omics/ Epigenomics/ in situ sequencing

13.00-13.30: Closing Remarks