



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

- 8.45-9.00: Opening and Welcome by 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

9.30-13.00: **Session 9: Possible Future PGT Applications/ New Technologies**

9.30-10.00: Favorable Traits

10.00-10.30: Multigene Conditions

10.30-11.00: (Contributions from Selected Abstracts)

11.00-11.30: Coffee Break

11.30-12.00: Transcriptome based selection

12.00-13.00: Multi-omics/ Epigenomics/ in situ sequencing

13.00-13.30: Closing Remarks