

18th International Conference on Preimplantation Genetics

Geneva, Switzerland, April 15-18, 2019

SCIENTIFIC PROGRAM

PRE-CONFERENCE COURSES – MONDAY 15 APRIL

DAY 1- Tuesday 16 th April	
8:15-8:30	Opening and Welcome – S Antonarakis, A Kuliev
8:30:-9:00	Plenary lecture Whole Genome Sequencing: Application to PGT – S. Antonarakis
Session 1:	Progress Towards Universal PGT – Chairs D Wells & S Rechitsky
9:00- 9:30	How close we are to comprehensive PGT- D Wells
9:30-10:00	D Leigh
10:00-10:30	PGT for De-Novo Mutations – S Rechitsky
10:30-11:00	Coffee Break
Session 2:	Origin and mechanisms of aneuploidy- Chairs A Handyside & A Kuliev
11:00-11:30	Mechanism of maternal age dependence – M Herbert
11:30-12:00	Origin of mosaicism and segmental variations - TBA
12:00-12:30	Meiomapping – A Handyside
12:30-13:00	Real-time imaging of preimplantation embryo development – N Plachta
13:00-14:00	Lunch break
Session 3:	Free communications Chairs K Xu & A Thornhill
14:00-15:30	6 communications-15 mins each
15:30-16:00	Coffee Break
16:00-16:30	Plenary Lecture Status and Impact of Prospective Carrier screening on PGT application - TBA

Session 4:	PGT in Different Social Settings – Chairs S Kahraman & S Hamamah
16:30- 16:50	Experience of Nationally-based PGT– S Hamamah
16:50-17:30	Reports from Selected countries with Restricted application of PGT – TBA

DAY 2-Wednesday, 17th April	
9:00-9:30	Summary of highlights of previous day and Introduction to second day – A Handyside
9:30-10:00	Plenary Lecture Prospect of PGT for Epigenetic disorders-whole methyome and epigenetic analysis (epigenetic patterns in preimplantation development) – T Voet
Session 5:	Developments in PGT-A - Chairs S Munne & R Scott
10:00- 10:30	Update of Randomized Controlled Studies on PGT-A Impact on Reproductive Outcome – R Scott
10:30- 11:00	Coffee Break
11:00- 11:30	Update of Pregnancy outcome of transferred embryos with mosaicism and segmental variations – TBA
11:30- 12:00	Impact of severe male infertility on chromosome status of embryos and pregnancy outcome in younger women – S Kahraman,
12:00- 12:30	Additional methods for pre-selection of euploid embryos for transfer – TBA
12:30- 13:00	Updated PGDIS recommendations for replacement of mosaic embryos – D Cram
13:00- 14:00	LUNCH

Session 6:	Free communications Chairs G Harton & C Strom
14:00- 15:30	6 communications-15 mins each
15:30- 16:00	Coffee Break
Session 7:	Emerging Technologies Chairs C Simon & J Vermeesch
16:00- 16:30	CRSPR-Based Editing– Any prospect for PGT? - TBA (Crick Institute)
16:30- 17:00	NIPT for PGT follow-up - J Vermeesch
17:00- 17:30	Breakthroughs in PGT Related Research - TBA

DAY 3-Thursday 18th April	
8:30-9:00	Summary of highlights of the previous day and introduction to third day – JL Simpson
9:00-9.30	Plenary Lecture Clinical Impact of Maternal-Embryonic Communication at Implantation – C Simon
Session 8:	Free communications
9:30-11:00	6 communications-15 mins each Chairs: E Fragouli & T Gordon
11:00-	Coffee Break

11:30	
Session 9:	Alternative approaches to PGT – Chairs: L Gianaroli & J Cohen
11:30- 12:00	NIPGT multicenter concordance study based on spent culture medium – C Rubio
12:00- 12:30	Blastocellic Fluid–based NIPGT – L Gianaroli
12:30- 13:00	Feasibility of PGT without IVF – S Munne
13:00- 13:30	Late-breaking session
13:30- 14:40	Closing Remarks and presentation of the next PGDIS conference – A Handyside, A Kuliev