

THURSDAY, November 7, 2019 – Pre Congress Courses

	CooperSurgical Fertility and Genomic Solutions Pre Congress Course
14:00-18:30	Preimplantation genetic testing (PGT): Latest insights Chair: Avner Hershlag, USA
14:00-14:10	Welcome and opening remarks: Avner Hershlag, USA
14:10-14:40	Genetics for the non-geneticist Yuval Yaron, Israel
14:40-15:10	PGT-A shifting technology David Chrimmes, USA
15:10-15:40	Evidence-based approach to PGT-A (to include Mosaicism) Susan Maxwell, USA
15:40-16:00	Coffee Break
16:00-16:30	PGT-M for single gene mutations Avner Hershlag, USA
16:30-17:00	Ethical and Legal Issues with PGT Joyce Harper, UK
17:00-17:30	Where is PGT going next? : a look to the future Santiago Munne, Spain
17:30-18:30	Q&A and Panel Discussion
18:30	Welcome Reception

FRIDAY, November 8, 2019

08:30-10:05	Session 1: Basic Science of Reproductive Genetics Chairs: Simon Fishel, UK, Yuval Yaron, Israel, Alexandra Benachi, France
08:30-08:35	Welcome Note Alexandra Benachi
08:35-09:05	Genome instability in human oocytes and embryos Eva Hoffmann, Denmark
09:05-09:35	mosaicism and early human embryo arrest Christian Ottolini, UK
09:35-10:05	Modern approach to laboratory workup of congenital anomalies Brynn Levy, USA
10:05-10:30	Coffee Break and Poster Viewing
10:30-12:00	Session 2: Molecular advances in Prenatal Diagnosis Chairs: Vincenzo Cirigliano, Spain; Rossa Chiu, Hong Kong
10:30-11:00	Expanded Carrier screening Jim Goldberg, USA
11:00-11:30	Update on exome sequencing in prenatally identified fetal anomalies Mark D. Kilby, UK
11:30-12:00	Noninvasive prenatal diagnosis for single gene disorders Lyn Chitty, UK
12:00-12:15	Technical break
12:15-13:15	Industry Supported Illumina Symposium
13:15-14:00	Lunch Break
14:00-16:00	Session 3: Non-invasive prenatal testing and diagnosis (NIPT/NIPD) Chairs: Zvi Appelman, Israel; Brynn Levy, USA
14:00-14:30	The future of cell free DNA in prenatal diagnosis Rossa Chiu, Hong Kong
14:30-15:00	Nationwide Implementation of NIPS in France - preliminary results Alexandra Benachi, France
15:00-15:30	cfDNA in prenatal screening of aneuploidies Vincenzo Cirigliano, Spain
15:30-16:00	The use of cfDNA for detection of aneuploidy in early & recurrent pregnancy loss Yuval Yaron, Israel
16:00-16:30	Coffee Break & Poster Viewing
16:30-18:00	Session 4: Debate: PGT with whole genome sequencing for all patients Moderator: Eugene Pergament, USA
16:30-17:05	For: Nathan Treff, USA
17:05-17:40	Against: Tony Gordon, UK
17:40-18:00	Discussion

SATURDAY, November 9, 2019

08:30-10:30	Session 5: Preimplantation genetic testing (PGT) Chairs: Avner Hershlag, USA; Ariel Hourvitz, Israel
08:30-09:00	Update on PGT-A

	Santiago Munne , Spain
09:00-09:30	Noninvasive PGT Svetlana Adjunkova , Canada
09:30-10:00	PGT for translocations - lessons from 760 cycles Nelly Frydman , France
10:00-10:30	The postnatal outcome of children born after PGT Liat Lerner-Geva , Israel
10:30-11:00	Coffee Break and Poster Viewing
11:00-13:00	Session 6: Preimplantation genetic testing (PGT) Chairs: Joyce Harper , UK ; Andreas Schmutzler , Germany
11:00-11:30	Are some high level mosaics in trophectoderm biopsies really meiotic aneuploidies? Chrisian Ottolini , UK
11:30-12:00	OnePGT: A single workflow for concurrent PGT-M, PGT-SR and PGT-A Joris Vermeesch , Belgium
12:00-12:30	Embryo Selection, is it all in the Genes Simon Fishel , UK
12:30-13:00	Expanded PGT and genome editing Nathan Treff , USA
13:00-13:45	Lunch Break
13:45-15:45	Session 7: Novel reproductive genetic concepts Chairs: Gheona Altarescu , Israel; Simon Fishel , UK
13:45-14:15	Should Gene Editing Replace Embryo Selection Following PGD? Joris Vermeesch , Belgium
14:15-14:45	Relevance of assessing the uterine microbiota in infertility. Immaculada Moreno , Spain
14:45-15:15	Epigenetics in Reproduction Patricia Fauque , France
15:15-15:45	A long journey to a critical endpoint – Validation of Preimplantation genetic assays Richard Scott , USA
15:45-16:00	Coffee Break & Poster Viewing
16:00-17:30	Joint session OC & CoGEN Session 8: Debate: Only evidence based treatments should be offered in ART Moderator: Darren Griffin , UK
16:00-16:45	FOR: Joyce Harper , UK
16:45-17:30	AGAINST: Charles Kingsland , UK
17:30-17:40	Closing remarks Yuval Yaron , Israel