

Scientific Program

Thursday, November 1, 2018			
13:30-18:30	Basic course in prenatal diagnosis Course Director – Yuval Yaron	15:00-18:30	Industry-sponsored course
15:00-15:30	<i>Coffee Break</i>		
15:30-16:15	Basic Genetic principles for the non-geneticists Brynn Levy, USA		
16:15-16:20	Q&A		
16:20-17:05	Introduction to Genetic technologies Vincenzo Cirigliano, Spain		
17:05-17:10	Q&A		
17:10-18:10	Bioinformatics for the clinician Yuval Yaron, Israel		
18:10-18:15	Q&A		
18:30	Welcome Reception		

Friday, November 2, 2018			
Hall B			
08:30-10:05	Session 1: Aging & the origin of aneuploidy Chairs: Simon Fishel, UK; Yuval Yaron, Israel, Alexandra Benachi, France		
08:30-08:35	Welcome note Yuval Yaron, Israel		
08:35-09:05	Origins of aneuploidy in oocytes Agata Zielinska, Germany		
09:05-09:35	Regulation of cohesin during oogenesis Mary Herbert, UK		
09:35-10:05	Telomeres and genomic instability in preimplantation embryos David Keefe, USA		
10:05-10:30	<i>Coffee Break, Visit the Exhibition and Poster Viewing</i>		
10:30-12:00	Session 2: Molecular advances in Prenatal Diagnosis Chairs: Zvi Appelman, Israel and Vincenzo Cirigliano, Spain		
10:30-11:00	Modern approach to laboratory prenatal workup of congenital anomalies Brynn Levy, USA		
11:00-11:30	Update on the use of exome sequencing for the diagnosis of fetal abnormalities Lyn Chitty, UK		
11:30-12:00	Whole exome sequencing for recurrent pregnancy loss (RPLs) Evica Rajcan-Separovic, Canada		
12:00-13:30	<i>Industry-sponsored symposium (see page XX)</i>		
13:00-14:00	<i>Lunch Break, Visit the Exhibition and Poster Viewing</i>		
14:00-16:00	Session 3: Noninvasive prenatal testing and diagnosis (NIPT/NIPD) Chairs: Lyn Chitty, UK and Florencia Petracchi, Argentina		
14:00-14:30	Noninvasive prenatal testing Vincenzo Cirigliano, Spain		
14:30-15:00	Clinical utility and issues with 24chromosome NIPT Tony Gordon, UK		
15:00-15:30	Non-invasive multi-gene sequencing screen Christine Eng, USA		
15:30-16:00	Trophoblast retrieval and isolation from the cervix (TRIC) Randy Armant, USA		
16:00-16:30	<i>Coffee Break, Visit the Exhibition and Poster Viewing</i>		
Hall A			
16:30-18:00	Session 4: Are we ready for genome editing in human embryos FOR CLINICAL PURPOSES? Moderator: Alan Handyside, UK		
16:30-17:15	For Gerald Schatten, USA		
17:15-18:00	Against Joyce Harper, UK		



Saturday, November 3, 2018	
Hall B	
08:30-10:30	Session 5: Preconception screening and PGD Chairs: Robert Anderson, USA and Dagan Wells, UK
08:30-09:00	Preconception screening of gamete donors Julio Martin, Spain
09:00-09:30	PGD for mitochondrial DNA disorder: feasibility and concerns Julie Steffann, France
09:30-10:00	ESTEEM vs. STAR – an inside look into recent trials for PGS Andreas Schmutzler, Germany
10:00-10:30	Genetic backdrop to cleavage embryo anomalies Christian Ottolini, UK
10:30-11:00	<i>Coffee Break, Visit the Exhibition and Poster Viewing</i>
11:00-13:00	Session 6: Introduction to preimplantation genetic testing for aneuploidy (PGT-A) A.K.A. PGS Chairs: Ariel Hourvitz, Israel and Andreas Schmutzler, Germany
11:00-11:30	Why is PGT-A important? Alan Handyside, UK
11:30-12:00	Clinical benefits of PGT-A for all patients Robert Anderson, USA
12:00-12:30	Understanding the performance of different PGS platforms Dagan Wells, UK
12:30-13:00	Mosaicism in PGT-A – is it a red herring? Nathan Treff, USA
13:00-14:00	<i>Lunch Break, Visit the Exhibition and Poster Viewing</i>
14:00-16:00	Session 7: The future of preimplantation genetic testing (PGT) Chairs: Gheona Altarescu, Israel and Julie Steffann, France
14:00-14:30	The use of cell free DNA for detection of embryonic aneuploidy Santiago Munne, USA
14:30-15:00	Expanded preimplantation genetic testing (ePGT) Nathan Treff, USA
15:00-15:30	The demise of PGT-A in Hungary and its effect on patient care Attila Vereczkey, Hungary
15:30-16:00	Time lapse: A glimpse into prehistoric genomics Darren Griffin, UK
16:00-16:30	<i>Coffee Break, Visit the Exhibition and Poster Viewing</i>
16:30-18:15	Session 8: Genetics of human implantation and early pregnancy Chairs: Yuval Yaron, Israel, Simon Fishel, UK
16:30-17:00	Update on endometrial receptivity analysis (ERA) Carlos Simón, Spain
17:00-17:30	The genetics of early embryo development Marta Shahbazi, UK
17:30-18:00	Early implantation and miscarriage – genetic perspective Siobhan Quenby, UK
18:00-18:15	Closing remarks Yuval Yaron, Israel