

Friday September 23, 2016	
08:30-10:30	<b>Session 1 - Introduction: Genetics 101</b> Chairpersons: <a href="#">Simon Fishel, UK</a> , <a href="#">Yuval Yaron, Israel</a> , <a href="#">Tony Borrell, Spain</a>
08:30-08:45	Welcomes <a href="#">Simon Fishel, UK</a> , <a href="#">Tony Borrell, Spain</a>
08:45-09:15	Basic genetic principles for the non-geneticist <a href="#">Yuval Yaron, Israel</a>
09:15-09:45	Traditional genetic technologies <a href="#">Vincenzo Cirigliano, Spain</a>
09:45-10:15	Next generation sequencing: Strategies for genetic testing <a href="#">Mark Hughes, USA</a>
10:15-10:45	<b>Coffee Break &amp; Poster Viewing</b>
10:45-11:45	<b>Session 2 - Preconception Screening &amp; Preimplantation Genetic Diagnosis</b> Chairpersons: <a href="#">Richard Scott, USA</a> , <a href="#">Ariel Weissman, Israel</a>
10:45-11:15	Use of next generation sequencing for translocation carrier PGD <a href="#">Tony Gordon, UK</a>
11:15-11:45	Mosaicism - a natural phenomenon of the human embryo: knowing its existence enhances IVF outcome <a href="#">Josh Blazek, USA</a>
11:45-13:15	<b>Illumina Sponsored Session (<i>Illumina Symposium</i>)</b>
13:15-14:00	<b>Lunch Break</b>
14:00-15:30	<b>Session 3 – Introduction to Preimplantation Genetic Screening (PGS)</b> Chairperson: <a href="#">Mark Hughes, USA</a> , <a href="#">Alan Handyside, UK</a>
14:00-14:30	Aneuploidy and mosaicism in human embryos <a href="#">Santiago Munné, USA</a>
14:30-15:00	Overview of PGS technology <a href="#">Nathan Treff, USA</a>
15:00-15:30	Choice of patient for PGS? <a href="#">Richard Scott, USA</a>
15:30-16:00	<b>Coffee Break &amp; Poster Viewing</b>
16:00-17:00	<b>Session 4 - Preimplantation Genetic Screening (PGS)</b> Chairpersons: <a href="#">Santiago Munné, USA</a> ; <a href="#">Ariel Horowitz, Israel</a>
16:00-16:30	Results of the Virtual Academy of Genetics (VAoGEN) Questionnaire on PGS <a href="#">Ariel Weissman, Israel</a>
16:30-17:00	The use of polar bodies for the analysis of oocyte ploidy <a href="#">Alan Handyside, UK</a>
17:00-18:00	<b>Session 5 PGS – Debate</b> Moderator: <a href="#">Darren Griffin, UK</a>
	Debate: The 2015 COGEN statement on PGS was not premature as PGS is advantageous to patients and is not potentially harmful For: <a href="#">David McCulloh, USA</a> Against: <a href="#">Norbert Gleicher, USA</a>
18:00-19:00	<b>Informal Meet &amp; Greet between Faculty and Participants</b>

<b>Saturday September 24, 2016</b>	
<b>08:30-10:00</b>	<b>Session 6 – Carrier screening and personalized medicine</b> Chair: <u>Eugene Pergament, USA</u>
08:30-09:00	Carrier screening of recessive disease – targeted vs. expanded carrier screening <u>Jim Goldberg, USA</u>
09:00-09:30	Carrier Screening <u>Julio Martín, Spain</u>
09:30-10:00	Single Gene PGD with/without simultaneous PGS-aneuploidy screening <u>Mark Hughes, USA</u>
<b>10:00-10:30</b>	<b><i>Coffee Break &amp; Poster Viewing</i></b>
<b>10:30-12:00</b>	<b>Session 7 - Prenatal Diagnosis</b> Chairs: <u>Peter Benn, UK</u> , <u>Howard Cuckle, USA</u>
10:30-11:00	The origin of aneuploidy <u>Eugene Pergament, USA</u>
11:00-11:30	Clinical indications for genomic microarray in Fetal Medicine <u>Tony Borrell, Spain</u>
11:30-12:00	From fetal CMA to fetal exomes <u>Ron Wapner, USA</u>
<b>12:00-13:15</b>	<b>Session 8 Prenatal Diagnosis</b> Chairs: <u>Francesca Grati, Italy</u> ; <u>Tony Borrell, Spain</u>
12:00-12:25	NIPD for single-gene disorders <u>Fiona McKay, UK</u>
12:25-12:50	Clinical utility and costs of NIPT in the general pregnancy population <u>Emilia Kostenko, Austria</u>
12:50-13:15	Non-invasive prenatal testing (NIPT) for rare chromosome abnormalities; prospects and challenges <u>Peter Benn, UK</u>
<b>13:15-14:00</b>	<b><i>Lunch Break</i></b>
<b>14:00-15:45</b>	<b>Session 9 Prenatal Diagnosis</b> Chair: <u>Jim Goldberg, USA</u> , <u>Shlomo Mashiach, Israel</u>
14:00-14:25	Vadildation of Clarigo, the decentralized NIPT solution, in an international multi-center study <u>Jessie Theuns, Belgium</u>
14:25-14:50	NIPT and mosaics: how to deal with discordant results? <u>Francesca Grati, Italy</u>
14:50-15:15	Biochemical screening in the NIPT era <u>Howard Cuckle, USA</u>
15:15-15:45	Genetic counseling issues <u>Karen Sage, UK</u>
<b>15:45-16:15</b>	<b><i>Coffee Break &amp; Poster Viewing</i></b>
<b>16:15-17:45</b>	<b>Session 10 Genetics in Reproduction</b> Chairpersons: <u>Simon Fishel, UK</u> , <u>Yuval Yaron, Israel</u>
16:15-16:40	Genetics of hyperstimulation syndrome and primary ovarian failure <u>Micheline Misrahi, France</u>
16:40-17:05	Cumulus cell genomics and its predictive value <u>Samir Hamamah, France</u>
17:05-17:30	Blastocoel analysis for PGS and the potential clinical value of mitochondrial screening assays <u>Luca Gianaroli, Italy</u>
17:30-17:45	Closing remarks <u>Yuval Yaron, Israel</u>
	<b><i>Fireworks Ceremony Outside Hotel</i></b>

**Illumina Sponsored Session – 11:45-13:15**

11:45-12:15	New paired-end MPSS for advanced cfDNA screening of aneuploidies <b>Vincenzo Cirigliano</b> , Spain
12:15-12:45	Next Generation IVF: VeriSeq PGS and beyond <b>Alan Handyside</b> , UK
12:45-13:15	Solutions for Reproductive Genomics: The Illumina Difference <b>Alan Thornhill</b> , UK

