

| Friday September 23, 2016 | |
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| 08:30-10:30 | Session 1 - Introduction: Genetics 101 Chairpersons: Simon Fishel, UK, Yuval Yaron, Israel, Tony Borell, Spain |
| 08:30-08:45 | Welcomes Simon Fishel, UK, Tony Borell, Spain |
| 08:45-09:15 | Basic genetic principles for the non-geneticist Yuval Yaron, Israel |
| 09:15-09:45 | Traditional genetic technologies Vincenzo Cirigliano, Spain |
| 09:45-10:15 | Next generation sequencing: Strategies for genetic testing Mark Hughes, USA |
| 10:15-10:45 | Coffee Break & Poster Viewing |
| 10:45-12:15 | Session 2 - Preconception Screening & Preimplantation Genetic Diagnosis Chairs: Richard Scott, USA Ariel Weissman, Israel |
| 10:45-11:15 | Carrier screening of recessive disease - Targeted VS Expanded carrier screening Jim Goldberg, USA |
| 11:15-11:45 | Single Gene PGD with/without simultaneous PGS-aneuploidy screening Mark Hughes, USA |
| 11:45-12:15 | Use of next generation sequencing for translocation carrier PGD Tony Gordon, UK |
| 12:15-13:15 | Session 3 - Preimplantation Genetic Screening (PGS) Chairs: Mark Hughes, USA, Luca Gianaroli, Italy |
| 12:15-12:45 | Aneuploidy and mosaicism in human embryos Santiago Munné, USA |
| 12:45-13:15 | Overview of PGS technology Nathan Treff, USA |
| 13:15-15:00 | Illumina Sponsored Lunch Session (see below) |
| 15:00-16:30 | Session 4 - Preimplantation Genetic Screening (PGS) Chairs: Santiago Munné, USA Ariel Horowitz, Israel |
| 15:00-15:30 | Choice of patient for PGS? Richard Scott, USA |
| 15:30-16:00 | Results of the Virtual Academy of Genetics (VAoGEN) Questionnaire on PGS Ariel Weissman, Israel |
| 16:00-16:30 | <i>The use of polar bodies for the analysis of oocyte ploidy</i> Alan Handyside |
| 16:30-17:00 | Coffee Break & Poster Viewing |
| 17:00-18:30 | Session 5 Debate: The 2015 COGEN statement on PGS was premature as PGS is not advantageous to patients and potentially harmful Moderator: Darren Griffin |
| | For: Norbert Gleicher, USA Against: David McCulloh, USA |

| Saturday September 24, 2016 | |
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| 08:30-10:00 | Session 6 Personalized Medicine - Late Breaking News Session Chairs: TBA |
| 08:30-09:00 | Personalized Medicine -Cancer and Pharmacogenetics Lee Shulman, USA |
| 09:00-09:30 | Annexin A5 M2 Haplotype as a Biomarker for Antithrombotic Treatment to Improve Pregnancy Outcome Simon Fishel, UK |
| 09:30-10:00 | carrier screening and PGD/PGS - tentative Julio Martín, iGenomix (Valencia) |
| 10:00-10:30 | Coffee Break & Poster Viewing |
| 10:30-12:00 | Session 7 Prenatal Diagnosis - Chairs: Peter Benn, UK, Howard Cuckle, USA |
| 10:30-11:00 | The origin of aneuploidy Eugene Pergament, USA |
| 11:00-11:30 | Clinical indications for genomic microarray in Fetal Medicine Tony Borrel, Spain |
| 11:30-12:00 | From fetal CMA to fetal exomes Ron Wapner, USA |
| 12:00-13:15 | Session 8 Prenatal Diagnosis Chairs: Francesca Grati, Italy; Tony Borrel, Spain |
| 12:00-12:25 | NIPD for single-gene disorders Fiona McKay, UK |
| 12:25-12:50 | Clinical utility and costs of NIPT in the general pregnancy population Maximilian Schmidt, Austria |
| 12:50-13:15 | Non-invasive prenatal testing (NIPT) for rare chromosome abnormalities; prospects and challenges Peter Benn, UK |
| 13:15-14:00 | Lunch Break |
| 14:00-15:30 | Session 9 Prenatal Diagnosis Chairs: Lee Shulman, USA TBA |
| 14:00-14:30 | NIPT and mosaics: how to deal with discordant results? Francesca Grati, Italy |
| 14:30-15:00 | Biochemical screening in the NIPT era Howard Cuckle, USA |
| 15:00-15:30 | Genetic counseling issues Karen Sage, UK |
| 15:30-16:00 | Coffee Break & Poster Viewing |
| 16:00-18:00 | Session 10 (20min Talks) Genetics in Reproduction Chairpersons: Simon Fishel, UK, Yuval Yaron, Israel |
| 16:30-16:50 | Genetics of primary ovarian failure Micheline Misrahi, France |
| 16:50-17:10 | Cumulus cell genomics and its predictive value Samir Hamamah, France |
| 17:10-17:30 | Blastocoel analysis for PGS and the potential clinical value of mitochondrial screening assays Luca Gianaroli, Italy |

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| 17:30-18:00 | Closing remarks Yuval Yaron , <i>Israel</i> |
| | Fireworks Ceremony Outside Hotel |

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| 13:15-15:00 | Illumina Sponsored Lunch Session entire session TBA |
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