



SARG SCIENTIFIC PROGRAM

| Sunday, May 27, 2018 | | | |
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| 19:00 | Welcome Reception | | |
| Monday, May 28, 2018 | | | |
| 08:30-10:30 | Session 1A: Fertility Preservation | 08:30-10:30 | Session 1B: Preimplantation Genetic Diagnosis (PGD) |
| 08:30-08:50 | Administration of AMH to prevent loss of ovarian reserve and protect fertility in chemotherapy treatment. Dror Meirou , Israel | 08:30-09:00 | Basic genetics principles for the non-genetics Yuval Yaron , Israel |
| 08:50-09:15 | Use of dried sperm in large mammals' assisted reproduction Joseph Saragusyi , Italy | 09:00-09:30 | From Expanded Carrier screening to PGD Nathan Treff , USA |
| 09:15-09:40 | Fully Atomized Vitrification System Amir Arav , Israel | 09:30-10:00 | PGD from theory to practice Talia Eldar Geva , Israel |
| 09:40-10:05 | Creation of artificial ovary: practical issues Marie-Madeleine Dolmens , Belgium | 10:00-10:30 | Cancer genes and fertility treatment: where oncofertility and PGD intersect Avner Hershlag , USA |
| 10:05-10:30 | Creation of artificial Testis: The state of the art Yoni Baert , Belgium | | |
| 10:30-11:00 | Coffee Break | | |
| 11:00-13:15 | Session 2: Opening Session – Reproductive Medicine, IVF and Genetics: Past Present and Future | | |
| 11:00-11:05 | Welcome | | |
| 11:05-11:20 | The Really First Step Simon Fishel , UK | | |
| 11:20-11:45 | Past, Present and Future of IVF Alan DeCherney , USA | | |
| 11:45-12:15 | The first IVF child in Israel – The fifth in the world Shlomo Mashiach , Israel & Jehoshua Dor , Israel | | |
| 12:15-12:30 | Introduction to IVF – State of Israel Joseph Schenker , Israel | | |
| 12:30-12:45 | On the shoulders of giants: How Israel became the "IVF nation" Neri Laufer , Israel | | |
| 12:45-13:15 | Self-Organization and Symmetry Breaking Through Partnership Between Embryonic and Extra-Embryonic Tissues Magdalena Zernicka-Goetz , UK | | |
| 13:15-14:00 | Lunch Break | | |
| 14:00-16:00 | Session 3A: Recombinant vs. Biosimilar Gonadotropin | 14:00-16:05 | Session 3B: Preimplantation Genetic Screening (PGS) |
| 14:00-14:30 14:30-15:00 15:00-15:30 | Recombinant vs. biosimilar gonadotropin Recombinant: Manuela Simoni , Italy Biosimilar: TBA Recombinant plus AMH: TBA | 14:00-14:25 | Should PGS be implemented to routine IVF practice? Raoul Orvieto , Israel |
| | | 14:25-14:50 | Non-inherited chromosomal and genomic abnormalities in human embryos and how to prevent them Santiago Munne , USA |
| | | 14:50-15:15 | TBA Richard Scott , USA |
| | | 15:15-15:40 | What Causes Genomic Instability During Preimplantation Embryo Development? David Keefe , USA |
| 15:30-16:00 | Breast cancer: Non gonadal effects of Gonadotropins Andrea Genazzani , Italy | 15:40-16:05 | Genomics in women's health that would encompass prenatal, cancer, adult disease. Lee Shulman , USA |
| 16:00-16:30 | Coffee Break | | |



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| 16:30-18:00 | Session 4A: Stem cells; the CEO of our body | 16:30-18:00 | Session 4B: Optimizing Egg Yield for IVF |
| 16:30-17:00 | Human embryonic stem cells – from the IVF tube to clinical transplantation Benjamin Reubinoff , Israel | 16:30-17:00 | Errors in IVF- Lessons from Aviation Michael Alper , USA |
| 17:00-17:30 | Making human oocytes from stem cells Evelyn Telfer , UK | 17:00-17:30 | Optimizing results in poor responder patients Norbert Gleicher , USA |
| 17:30-18:00 | Can we stop ovarian aging? Helen Picton , UK | 17:30-18:00 | Improving IVF: Is there a limit to our ability to manipulate human biology Pasquale Patrizio , USA |

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| Tuesday, May 29, 2018 | | | |
| 09:00-11:00 | Session 5A: Reproductive Surgery | 09:00-11:00 | Session 5B: Recent Development in Genomic Science and ART |
| 09:00-09:30 | Advanced laparoscopy for endometriosis associated infertility Carman Nezhad , USA | 09:00-09:30 | Optimizing CRISPR/Cas9 genome engineering efficiencies in the mouse zygote Ben Davies , UK |
| 09:30-10:00 | Optimizing uterine fibroid management in the infertile patient Jacques Donnez , Belgium | 09:30-10:00 | Primordial follicle recruitment and ovarian reserve Sherman Silber , USA |
| 10:00-10:30 | Hysteroscopy and infertility: state of the art Attilio Di Spiezio Sardo , Italy | 10:00-10:30 | Endometriosis, Adenomyosis and IVF Dominique De Ziegler , France |
| 10:30-11:00 | Laparoscopic and hysteroscopic cesarean niche resection Motti Goldenberg , Israel | 10:30-11:00 | ART Pregnancies: Are they Different? Jaideep Malhotra , India |
| 11:00-11:30 | Coffee Break | | |
| 11:30-13:15 | Session 6A: Uterus Transplantation | 11:30-13:00 | Session 6B: Support the Luteal Phase and Implantation |
| 11:30-11:55 | Uterine transplantation: The European success: Mats Brännström , Sweden | 11:30-12:00 | Searching for the optimal vehicle and dose of progesterone to support the luteal phase in ART TBA |
| 11:55-12:20 | Uterus Transplantation- lessons learned: Tommaso Falcone , USA | | |
| 12:20-12:45 | Uterine Transplant: Can the Promise be Fulfilled? Robert Stillman , USA | 12:00-12:30 | Mini hCG for luteal phase support: a more physiologic LPS for ART Robert Fischer , Germany |
| 12:45-13:15 | SARG In 2058 Ce: Anticipating The Next Forty Years Of IVF Innovations Gerald Schatten , USA | 12:30-13:00 | PIF monotherapy in allotransplant with return to function Eytan Barnea , USA |
| 13:15-14:00 | Lunch Break | | |
| 14:00-15:30 | Session 7A: Male Infertility | 14:00-15:30 | Session 7B: PCOS: New Insights on Pathophysiology and Diagnostic Criteria |
| 14:00-14:30 | Where are we and where should and will we go in evaluating male reproductive potential: The now and future of treating the azoospermic male Craig Niederberger , USA | 14:00-14:25 | Where does PCOS come from? Roy Homburg , Israel |
| | | 14:25-14:50 | The next 40 years....the ART of the possible Gillian Lockwood , UK |
| 14:30-15:00 | The use of microfluidic sperm sorting chip may increase pregnancy rate Bulent Tiras , Turkey | 14:50-15:10 | Debate: Global Freezing: For: Charles Kingsland , UK |
| 15:00-15:30 | Sperm testing Advances: "One Small Step for Man (to Collect at Home). One Giant Leap for Mankind" Ben Leader , USA | 15:10-15:30 | Against: Tony Rutherford , UK |
| 15:30-16:00 | Coffee Break | | |



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| 16:00-17:30 | Session 8: Embryo Selection: Invasive vs. None-Invasive Technique |
| 16:00-16:25 | Maximizing successful implantation: TLI, PGS and AnxaV M2 haplotype Simon Fishel , UK |
| 16:25-16:50 | Third party reproductive medicine Tomer Singer , USA |
| 16:50-17:15 | Color Doppler n3D-4D in human reproduction Narendra Malhotra , India |
| 17:15-17:30 | Closing remarks |