

THURSDAY, November 7, 2019 – Pre Congress Courses

13:30-18:30 Fertility Preservation Hands-on Workshop

- 13:30-13:55 Cryopreservation of ovarian tissue and its role among other FP procedures
Dror Meiorow, Israel
- 13:55-14:20 Laboratory practical aspects: Tissue transportation, preparation, cryopreservation – thawing, quality control
Daniela Nogueira, France
- 14:20-14:45 Transplantation of ovarian tissue
Dror Meiorow, Israel
- 14:45-15:10 Safety- Searching for cancer cells in ovarian tissue
Hila Raanani, Israel

15:10-15:30 Coffee Break

- 15:30-18:30 Clinical dilemmas
 Patient cases for Fertility Preservation
Hila Raanani, Israel; Dror Meiorow, Israel
- Hands-On
 Laboratory, surgical
Daniela Nogueira, Itay; Spector, Israel; Dror Meiorow, Israel

in parallel

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 Chrimes, 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
Alan Handyside, UK
- 17:30-18:30 Q&A and Panel Discussion

18:30 Welcome Reception

FRIDAY, November 8, 2019

08:30-10:00 Session 1:Female gametogenesis

Chairs: Milton Leong, Hong Kong; Zeev Shoham, Israel; David Albertini, USA

08:30-09:00 Towards clinical application of pronuclear transfer to prevent mitochondrial DNA disease

Choudhary Meenakshi, UK

09:00-09:30 Mesenchymal stem cells and regeneration of ovarian function

Irma Virant-Klun, Slovenia

09:30-10:00 Developing Technology Platforms for female gametogenesis

Evelyn Telfer, UK

10:00-10:30 Coffee Break and Poster Viewing

10:30-13:30 Session 2: Fertility preservation

Chairs: Simon Fishel, UK; Dror Meirou, Israel

10:30-11:00 New insight to oocyte freezing

Ana Cobo, Spain

11:00-11:30 Freezing of ovarian tissue beyond fertility preservation in cancer patients

Claus Yding Andersen, Denmark

11:30-12:00 Freeze dry and automated cryopreservation technology

Amir Arav, Israel

12:00-12:30 Stem cell in the treatment of human infertility

Sherman Silber, USA

12:30-13:00 Microfluidics and ART- the big potential of tiny volumes

Helen Picton, UK

13:00-13:30 Lunch Break and Poster Viewing

13:30-14:00 The Incredible Journey of Robert Edwards: Scientist and Sphinx

Roger Gosden, USA

14:00-16:00 Session 3: Implantation-Uterine Receptivity: Clinical and Experimental Findings

Chairs: Roy Homburg, UK; Antonio La Marca, Italy

14:00-14:30 Signal of the endometrium ready for implantation: genetic clinical diagnosis

Xavier Santamaría, Spain

14:30-15:00 Chronic endometritis, endometriosis and the Microbiota's role in implantation

Dominique de Ziegler, France

15:00-15:30 Fluorescence Lifetime Imaging Microscopy:egg and embryos under observation

Denny Sakkas, USA

15:30-16:00 Clinical and molecular view of the endometrium and the process of implantation: A better understanding

Rong Li, China

16:00-16:30 Coffee Break & Poster Viewing

16:30-18:00 Session 4: The IVF babies –Review the outcome

Chairs: Evelyn Telfer, UK; Ariel Weissman, Israel

16:30-17:00 Should we be alarmed that designer babies walk among us?

Gerald Schatten, USA

17:00-17:30 The health of children conceived by ART: 'the chicken or the egg'?

Anja Pinborg, Denmark

17:30-18:00 The targeted treatment for patients with low ovarian reserve

Raphael Ron-El, Israel

SATURDAY, November 9, 2019

08:30-10:30 Session 5: The rise and fall of the ovary: from its organogenesis to disorders

Chairs: Pasqualino Loi, Italy; Claus Yding Andersen, Denmark

08:30-09:00 Making an ovary: Establishment of somatic ovarian cell lineages and the oocyte reserve

Humphrey Yao, USA

09:00-09:30 Engineering a bioprosthesis ovary

Monica Laronda, USA

09:30-10:00 The key for future fertility treatment: Direct production of gametes through Haploidy of totipotent somatic nuclei

Pasqualino Loi, Italy

10:00-10:30 Estrogen, receptors actions, fertility and ovarian function

Kenneth Korach, USA

10:30-11:00 Coffee Break and Poster Viewing

11:00-13:00 Session 6: Between Cutting Edge and Grey Zone Controversies

Chairs: Seang Lin Tan, Canada; Samir Hamamah, France

"Best results for PCOS in IVF: What is the evidence?"

Topics:

1. The importance of AMH levels.

2. Agonist or antagonist? FSH or FSH + LH?

11:00-11:30 3. Should metformin be given on a routine basis?

4. Agonist or hCG trigger?

5. Should we use the 'freeze-all' protocol?

6. When to use IVM?

Roy Homburg, UK

Do an endometrioma per se affect ovarian reserve?

11:30-12:00 Does it affect ovarian reserve?, IVF results? Does cystectomy improve IVF results? Surgery or drug therapy should come first? What about fertility preservation?

Johnny Younis, Israel

12:00-12:30 Fertility and intramural fibroids: what is the evidence?

Ariel Weissman, Israel

hCG vs GnRH-agonist for final maturation of the oocyte?

12:30-13:00 Rate of OHSS with each drug, Can GnRH-agonist replace hCG in regard to oocyte maturation? Is pregnancy rate different with each stimulation? Is time of oocyte collection the same in regards to each drug?

Robert Fischer, Germany

13:00-13:45 Lunch Break and Poster Viewing

13:45-15:45 Session 7: Ovarian aging and AMH

Chairs: Denny Sakkas, USA; Robert Fischer, Germany

13:45-14:15 Ovarian aging, evolutionary perspective

David Albertini, USA

14:15-14:45 AMH for whom?

Antonio La Marca, Italy

14:45-15:15 AFC/AMH and ovarian reserve: are they competitors or complementary?

Samir Hamamah, France

15:15-15:45 Manipulation of follicle activation and its effect on ovarian reserve – using AMH

Dror Meior, Israel

15:45-16:00 Coffee Break & Poster Viewing

**16:00-
17:30**

**Joint session with the CoGEN congress
Session 8: Debate: Do we need to practice evidence based medicine?
Moderator: Darren Griffin, UK**

16:00-16:45

For
Joyce Harper, UK

16:45-17:30

Against
Charles Kingsland, UK