

5th

INTERNATIONAL
CONGRESS

EBART

EVIDENCE
BASED
ASSISTED
REPRODUCTION
TECHNOLOGY

eugingROUP

Shaping the future of ART

11th - 12th April 2024

Scientific programme

New hybrid congress!



AXA Auditorium Barcelona

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Day 1 - THURSDAY 11TH APRIL 2024

08:30-09:00	Welcome and reception of attendees
09:00-09:10	Opening words
09:10-09:40	KEYNOTE LECTURE: Revolutionizing Reproduction: The role of AI in the future of ART Nikica Zaninovic, United States

Session 1: Progesterone in ovarian stimulation and implantation

09:40-10:00	Progesterin Primed Ovarian Stimulation: ready for prime time? Human Fatemi, United Arab Emirates
10:00-10:20	Personalized luteal phase support in artificially prepared endometrial cycles: what can we learn from serum progesterone measurements? Dominic Stoop, Belgium
10:20-10:40	Scheduling the natural cycle: the progesterone programmed frozen embryo transfer Samuel Santos-Ribeiro, Portugal
10:40-11:00	Round Table Discussion
11:00-11:40	Coffee break

Session 2: Navigating the path towards optimal IVF outcomes through embryo selection

11:40-12:00	Evaluating the accuracy and clinical impact of preimplantation genetic testing for aneuploidies Mina Popovic, Spain
12:00-12:20	Preimplantation genetic testing for polygenic disease risk (PGT-P) Nathan Treff, United States
12:20-12:40	Whole genome preimplantation genetic testing for transmitted and de novo mutations (PGT-WGS): assessing practicality and potential Santiago Munné, Spain
12:40-13:00	Round Table Discussion
13:00-14:30	Lunch

Session 3: In pursuit of personalization: customized treatments for challenging etiologies

14:30-14:50	The utility of endometrial receptivity tests – evidence and rationale Demián Glujovsky, Argentina
14:50-15:10	Platelet-rich plasma treatment in patients with refractory thin endometrium and recurrent implantation failure. Hype or Hope? Antonio Simone Laganà, Italy
15:10-15:30	The impact of endometrial dysbiosis in women with recurrent implantation failure and unexplained infertility Carlos Simón, Spain
15:30-15:50	Round Table Discussion
15:50-16:30	Coffee Break

Session 4: Expanding the Horizon of Male Infertility Treatment Options

16:30-16:50	Day after rescue ICSI Denny Sakkas, United States
16:50-17:10	Innovative sperm selection methods Denis Vaughan, United States
17:10-17:30	State-of-the-art in vitro spermatogenesis approaches Jan-Bernd Stukenborg, Sweden
17:30-17:50	Round Table Discussion

Day 2 - FRIDAY 12TH APRIL 2024

09:00-9:30 KEYNOTE LECTURE: Embryogenesis reimaged: exploring the potential of artificial embryos in advancing reproductive technologies
Nicolas Rivron, Austria

Session 5: Deeper insights into factors affecting uterine health

09:30-09:50 Uterine Surgery: Exploring Boundaries and Indications for Intervention
Luis Alonso Pacheco, Spain

09:50-10:10 Understanding uterine 'waves' to increase the success of IVF
Dick Schoot, Belgium

10:10-10:30 Management of endometriomas prior to fertility treatment
Mara Albanese, Italy

10:30-10:50 Round Table Discussion

10:50-11:30 Coffee Break

Session 6: Enhanced precision: genetic diagnostics in fertility

11:30-11:50 Genetic Causes of rare and unexplained infertility phenotypes
Semra Kahraman, Turkey

11:50-12:10 The expanding role of preconception genome medicine
Karen Schindler, United States

12:10-12:20 Responsible implementation of expanded carrier screening
Heidi Mertes, Belgium

12:20-12:50 Round Table Discussion

12:50- 14:30 Lunch

Session 7: Navigating the path towards optimal IVF outcomes through non-invasive embryo selection

14:30-14:50 Artificial Intelligence for Embryo Selection
Juan José Fraire, Spain

14:50-15:10 Nuclear DNA shedding during blastocyst development: rationale for non-invasive PGT?
Nicolas Plachta, United States

15:10-15:30 Hyperspectral imaging for embryo selection
Samuel Ojosnegros, Spain

15:30-15:50 Round table discussion

15:50-16:30 Coffee Break

Session 8: Frontiers of tomorrow

16:30-16:50 Prediction and prevention of infertility through digitalization
Helen O'Neill, Ireland

16:50-17:10 Future of the embryology lab: embracing automation
Nuno Costa Borges, Spain

17:10-17:30 Human development and reproduction in space
Jan-Bernd Stukenborg, Sweden

17:30-17:50 Round Table Discussion

17:50-18:00 Conclusions and closing remarks

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