

5th

INTERNATIONAL  
CONGRESS

EBART

EVIDENCE  
BASED  
ASSISTED  
REPRODUCTION  
TECHNOLOGY

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Shaping the future of ART

11th - 12th April 2024

Scientific programme

New hybrid congress!



AXA Auditorium Barcelona



Online


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# Day 1 - THURSDAY 11<sup>TH</sup> APRIL 2024

08:30-09:00	Welcome and reception of attendees
09:00-09:10	Opening words. <b>Amelia Rodríguez-Aranda, Spain</b>
09:10-09:40	KEYNOTE LECTURE: Revolutionizing reproduction: the role of AI in the future of ART. <b>Nikica Zaninovic, United States</b>

## Session 1: Progesterone in ovarian stimulation and implantation

**Chairs:** Amelia Rodríguez-Aranda, Karinna Lattes

09:40-10:00	Progesterin primed ovarian stimulation: ready for prime time? <b>Human Fatemi, United Arab Emirates</b>
10:00-10:20	Personalized luteal phase support in artificially prepared endometrial cycles: what can we learn from serum progesterone measurements? <b>Dominic Stoop, Belgium</b>
10:20-10:40	Scheduling the natural cycle: the progesterone programmed frozen embryo transfer. <b>Samuel Santos-Ribeiro, Portugal</b>
10:40-11:00	Round Table Discussion - <b>Supported by:</b>  <b>GEDEON RICHTER*</b>
11:00-11:40	Coffee Break

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

**Chairs:** Aïda Pujol, Denny Sakkas

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


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

**Chairs:** Aline Lorenzon, Clara Colomé

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

## Session 4: Expanding the horizon of male infertility treatment options

**Chairs:** Teresa Almeida, Demián Glujovsky

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

## Day 2 - FRIDAY 12<sup>TH</sup> 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

**Chairs: Andrea Etrusco, Silvia Agramunt**

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

**Chairs: Irene Miguel-Escalada, Santiago Munné**

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**

12:10-12:30 Responsible implementation of expanded carrier screening.  
**Heidi Mertes, Belgium**

12:30-12:50 Round Table Discussion

12:50- 14:30 Lunch


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

**Chairs: Mina Popovic, Nasser Al-Asmar**

14:30-14:50 Artificial Intelligence for embryo selection.  
**Juan José Fraire, Spain**

14:50-15:10 Imaging how the embryo forms.  
**Nicolas Plachta, United States**

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

15:30-15:50 Round Table discussion - **Supported by: Vitrolife**  **\* Igenomix\*** part of vitrolife group

15:50-16:30 Coffee Break

### Session 8: Frontiers of tomorrow

**Chairs: Nikica Zaninovic, Mauricio Chehin**

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 - **Supported by: MERCK\***

17:50-18:00 Conclusions and closing remarks. **Mina Popovic**

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More information:

**\* We are immensely grateful to our sponsors for their invaluable support, making this session possible.**

While their contribution has been instrumental, the curation of our speaker lineup remained an independent effort by the organizing committee to maintain the focus on impartial educational excellence.

The 5th edition of EBART Congress has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 11.5 European CME credits (ECMEC®s).



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