



## SCIENTIFIC PROGRAM

### PRE-CONGRESS THURSDAY 20<sup>TH</sup> APRIL

#### 08:30-13:00 Precongress Workshop

#### Session I: Male infertility epidemiology and the best medical practice based on evidence

Chairs: Nicolás Garrido (IVI Foundation, Spain), Craig Niederberger (USA)

##### 08:30-08:40 Introduction

Nicolás Garrido (Spain)

##### 08:40-09:00 Male reproductive health status: a global initiative towards solving male infertility

Chris Barratt (Scotland)

##### 09:00-09:10 Q&A

##### 09:10-09:30 Male fertility as a predictor of future health problems

Mike Eisenberg (USA)

##### 09:30-09:40 Q&A

##### 09:40-10:00 Varicocele, what have we learned in this century?

Ashok Agarwal (USA)

##### 10:00-10:10 Q&A

##### 10:10-10:30 How 4K-3D microscope can improve our results in male infertility surgery

Jesse Ory (USA)

##### 10:30-10:40 Q&A

10:40-11:10 Coffee break

10<sup>th</sup>

International  
**IVIRMA**  
Congress

Reproductive  
Medicine and Beyond

Málaga, Spain  
April, 20-22  
2023

## Session II: The laboratory tests helping the characterization of male infertility

Chairs: Jim Hotaling (USA) & Marga Esbert (Spain)

**11:10-11:30** The changes introduced by the WHO 2021 Manual and their impact and changes

Jackson Kirkman-Brown (United Kingdom)

**11:30-11:40** Q&A

**11:40-12:00** Subtle genetic causes of male infertility beyond chromosomes

Csilla Krausz (Italy)

**12:00-12:10** Q&A

**12:10-12:30** Exosomes in male fertility. How close we are from a clinical application?

Alberto Pacheco (Spain)

**12:30-12:40** Q&A

**12:40-13:00** How the metrics and outcomes for male infertility research should be analysed

Craig Niederberger (USA)

THURSDAY 20<sup>TH</sup> APRIL

13:45-14:00 **Opening Ceremony**

14:00-16:00 **Ovarian stimulation**

**14:00-14:30** Individualized approach vs “coffee for all”.

Ernesto Bosch (Spain)

**14:30-15:00** Dual Stim.

Filipo Ubaldi (Italy)

**15:00-15.30** Luteal phase / random start as the ideal start.

Christophe Blockeel (Belgium)

**15:30-16:00** Progesterone primed ovarian stimulation.

Baris Ata (Turkey)

16:00-16:30 Coffee break

16:30-18:00 **Premature Ovarian Insufficiency: What is new?**

**16:30-17:00** Genetics of ovarian aging and dysfunction.

Alexandar Rajkovic (USA)

**17:00-17:30** How to manage the POI patient.

Anne Gompel (France)

**17:30-18:00** Reactivation of dormant ovarian follicles: an update on IVA,

ASCOT and PRP.

Nuria Pellicer (Spain)

18:00-18:30 Coffee break

18:30-19:30 **Debate 1: The window of implantation: does it exist?**

What classical clinical data suggest

Richard Paulson (USA)

What have we earned from modern transcriptomics

Patricia Díaz-Gimeno (Spain)

19:30-20:30 **Industry-sponsored Symposium I**



## FRIDAY 21<sup>ST</sup> APRIL

### ROOM 1 Parallel Sessions

#### 08:00-10:00 **The Endometrium**

**08:00-08:30** Endometrial immune profile: changes in an injured endometrium

Diana Alecsandru (Spain)

**08:30-09:00** Decidualization or endometrial receptivity?

Nick Macklon (United Kingdom)

**09:00-09:30** Clinical option for the management of poor endometrium

Marcos Ferrando (Spain)

**09:30-10:00** Impact of dysbiosis/chronic endometritis in implantation.

TBA

10:00-10:30 Coffee break

#### 10:00-12:30 **Adenomyosis**

**10:30-11:30** Pathophysiology.

Serdar Bulun (USA)

**11:30-12:00** Ultrasound assessment.

Caterina Exacoustos (Italy)

**12:00-12:30** Influence on ART outcomes.

Mauro Cozzolino (IVIRMA, Italy)

#### 12:30-13:30 **Debate 2: Is diminished ovarian reserve a marker of increased aneuploidy?**

**YES**

TBA

**NO**

Scott Morin (USA)

### ROOM 2 Parallel Sessions



**08:00-10:30**      **Parallel Session – Embryology I**

**08:00-08:30** Understanding the origins of embryo aneuploidy

Antonio Capalbo (Italy)

**08:30-09:00** Transcriptomics of Androgenotes and Parthenotes in early stages of development

Francisco Domínguez (Spain)

**09:00-09:30** The transcriptional signature of mosaic embryos

Angel Martin (Spain)

**09:30-10:00** Increasing the chances of having good embryos to select. Embryo culture conditions

Jason Swain (USA)

**10:00-10:30** Increasing the chances of having good embryos to select. The IVF laboratory automation

Joseph Conaghan (USA)

**10:30-11:00** Coffee break

**11:00-13:30** **Parallel session - Embryology II**

**10:30-11:30** Non genetic markers of embryo quality: are them reliable enough?

Laura Rienzi (Italy)

**11:30-12:00** Non invasive PGT\_ How close are we to the finish

Dagan Wells (United Kingdom)

**12:00-12:30** The deep learning on embryo selection

Marcos Meseguer (Spain)

**12:30-13:00** Looking for a hundred per cent of accuracy

Chaim Jalas (United Kingdom)

**13:00-13:30** PGT Plus (Double Seq Methodology for Embryo selection)

Svetlana Madjunkova (Canada)

**13:30-14:30**      **Industry-sponsored Symposium II**



13:30-14:30 Lunch

**14:30-16:00**      **New methods of embryo selection**

**14:30-15:00** Fluorescence lifetime imaging: following the energy.

Denny Sakkas (USA)

**15:00-15:30** Mitochondria and embryo viability: what is new?

Emre Seli (USA)

**15:30-16:00** Advances in the study of culture media proteome

TBA

16:00-16:30 Coffee break

**16:30-18:00**      **AI IN ART**

**16:30-17:00** AI performance for embryo selection.

Marcos Meseguer (Spain)

**17:00-17:30** Time to replace biopsy based PGTA with non-invasive AI based decision tools.

Daniella Gilboa (Israel)

**17:30-18:00** How AI may help clinical decision making in ART.

Antonio Urda (Spain)

**18:00-18:30**      **IVI Awards Presentation**

**18:30-19:00**      **Debate 3: Are we discarding normal embryos using PGT-A?**

**YES**

Nobert Gleicher (USA)

**NO**

Antonio Capalbo (Italy)

**19:00-20:00**      **Industry-sponsored Symposium III**

**SATURDAY 22<sup>ND</sup> APRIL****08:00-09:45 Luteal Phase Support**

**08:00-08:25** Differences in LP in spontaneous vs stim cycle.

Peter Humaidan (Denmark)

**08:25-08:55** LPS in the Natural/stim/HRT cycle

Elena Labarta (Spain)

**08:55-09.:20** Role of CL in prevention of preeclampsia.

Frauke von Versen-Höynck (Germany)

**09:20-09:45** Differences in obst/maternal outcome according to cycle preparation

Cristina Bergh (Sweden)

**09:45-10.15 Coffee break****10:15-11:30 Recurrent implantion failure**

**10:15-10:40** The clinician perspective.

Jesse Ory (USA)

**10:40-11:05** The IVF lab point of view

Maria José de los Santos (Spain)

**11:05-11:30** The psychologist approach

Jacky Boivin (United Kingdom)

**11:30-12:45 Future Perspectives**

**11:30-11.55** Mechanisms governing human ovarian aging

Juan Carlos Izpisua Belmonte (USA)

**11.55-12.20** Strategies to repair damaged oocytes.

Sonia Herráiz (Spain)

**12.20-12:45** Creating spermatozoa

Jim Hotaling (USA)