

Meeting the Experts. Scientific Program.

Friday 30th September 2016

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9:45-10:00      **Meeting Introduction**  
*Rafael Bernabeu*. Medical Director of Instituto Bernabeu. Alicante, Spain.

**Session I: Genetics and Poor Responders**

Chairman:      *José Antonio Ortiz*. Instituto Bernabeu Biotech. Alicante, Spain.  
 Chairman:      *Juan-Cruz Cigudosa García*. President, Spanish Association of Human Genetics (AEGH). Spain.

10:00-10:20      **Genetics of ovarian response**  
*Belen Lledó*. Instituto Bernabeu Biotech. Alicante, Spain.

10:20-10:40      **Telomeres and Female Reproductive Aging**  
*David Keefe*. New York University, Langone Medical Center. NY, USA.

10:40 -11:00      Debate

**Session II: Biomarkers in Poor Responders**

Chairman:      *Yacoub Khalaf*. Guy's and St Thomas' Hospital NHS Foundation Trust. London. UK.  
 Chairman:      *Isidoro Bruna*. HM Fertility Center. Madrid. Spain.

11:00- 11:20      **AMH is necessary in the management of Poor Responders**  
 Professor *Scott Nelson*. University of Glasgow. UK.

11:20-11:40      **Ultrasound is sufficient to evaluate Poor Responders**  
*Kannamannadiar Jayaprakasan*. Derby Fertilty Unit, Royal Derby Hospital and University of Nottingham, UK.

11:40-12:00      Coffee break

**Session III: Ovarian Stimulation in Poor Responders**

Chairman:      *Juan Carlos Castillo*. Instituto Bernabeu. Alicante, Spain.  
 Chairman:      *Frank Vandekerckhove*. Universitair ziekenhuis Gent. Belgium

12:00-12:20      **iCOS reduces the Poor Ovarian Response in an IVF program**  
*Joan-Carles Arce*. Ferring Vice President, Reproductive Health.

12:20-12:40      **Luteal Phase Stimulation in Poor Responders**  
*Joaquín Llácer*. Deputy Medical Director of Instituto Bernabeu. Alicante, Spain.

12:40- 13:00      Debate

13:00- 15:00      Lunch Break

**Session IV: New insights in the patient with very poor prognosis**

Chairman:      *Juan José Espinós*. Director. Centre Reproducció Assistida. Clínica Sagrada Família. Barcelona. Spain.

Chairman:      *James Nicopoulos*. Lister Fertility Clinic. UK

15:00- 15:20      **Advances in treating ovarian failure: In-vitro activation**  
*Kazuhiro Kawamura, MD, PhD*. Director of Reproduction and Infertility Center, Associate Professor, St. Marianna University School of Medicine. Kawasaki, Japan.

15:20- 15:40      **BRCA Mutations, Oocyte DNA repair and mitochondrial function in oocyte aging and IVF poor response**  
*Kutluk Oktay, MD, PhD*. Professor of Obstetrics & Gynecology, Cell Biology & Anatomy, Medicine, and Pathology. Director Division of Reproductive Medicine and Infertility. Vice Chair, Department of Obstetrics and Gynecology New York Medical College, NY, USA.

15:40 -16:00 Debate

**Session V. Individual Fertility Assessment**

Chairman: *Michael Dooley*. The Poundbury Clinic. Dorchester, UK.

Chairman: *Thomas Mathews*. Bourn Hall Clinic. Cambridge. UK.

16:00-16:20 **Individual Fertility Assessment and Counseling: Family Planning with a pro-fertility perspective**

*Kathrine Birch Petersen*. Copenhagen University Hospital. Denmark.

16:20- 16:40 **Emotional burden in patients with poor prognosis**

*Jacky Boivin*. Professor of Health Psychology Cardiff Fertility Studies Research Group School of Psychology. Cardiff University. Cardiff. Wales. UK

16:40 -17:00 Debate

17:00 -17:30 Coffee break

17:30- 18:00 Special Lecture. **Genome editing of mammalian embryos**

*Luis Montoliu*. CSIC Research Scientist. National Centre of Biotechnology (CNB-CSIC). Madrid. Spain.

**Saturday, 1st October, 2016**

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**Session I: Embryo competence**

Chairman: *Jorge Ten*. Instituto Bernabeu. Alicante, Spain.

Chairman: *Anna Veiga*. Cell Lines Bank Director. Barcelona Regenerative Medicine Centre. Spain.

9:30 – 9:50 **Critical assessment of the use of time-lapse.**

*Kirstine Kirkegaard*. Aarhus University Hospital. Department of Clinical Medicine. Department of Clinical Biochemistry. Denmark.

9:50- 10:10 **Comprehensive Chromosome Screening.**

*Dr Robert E. Anderson*. Southern California Center for Reproductive Medicine. USA.

10:10-10:30 **Gene expression of in vitro cultured human preimplantation embryos.** University of Amsterdam. Amsterdam, The Netherlands. TBC.

10:30 – 10:50 Debate

10:50 – 11:20 Coffee break

**Session II: Microbiome/Endometrium**

Chairman: *Andrea Bernabeu*. Instituto Bernabeu. Alicante, Spain.

11:20 -11:40 **Introduction to microbiome**

Hospital Vall D'Hebron. Barcelona. Spain. TBC.

11:40 -12:00 **Role of microRNA in embryo implantation.**

*Eva Dimitriadis*. Hudson Institute of Medical Research. Australia.

12:00 -12:20 **Endometrial receptivity.**

Southampton. UK. TBC.

2:20 -12:40 Debate

12:40 -13:00 **Closing Remarks.**

*Rafael Bernabeu*