

## Scientific Program

# ASRM PROGRAM 2019

October 12 - 16, Philadelphia

### PRESENTATIONS

#### Monday, October 14

1:30 pm - 2:30 pm Interactive Sessions

### Non-invasive Preimplantation Genetic CME Testing (NIPGT): Is it Applicable for ART practice?

Svetlana Rechitsky, Ph.D. (Chair) Florida International University  
Dagan Wells, Ph.D., I.V.I., R.M.A. University of Oxford  
Carmen Rubio, Ph.D. Igenomix  
Luca Gianaroli, M.D., S.I.S.M.E.R.

#### Tuesday, October 15

11 am Oral Presentation

### CARLOS SIMON, M.D. Head of the Scientific Advisory Board of Igenomix

Abstract Title: In vitro fertilization with personalized blastocyst transfer versus frozen or fresh blastocyst transfer: a multicenter, randomized clinical trial

Program ID: O-134

Oral Session Title: IVF Outcome Predictors 1

Presentation Time: 11:00 AM

Session Date: Tuesday, October 15, 2019, 10:45 am - 12:15 pm

#### Tuesday, October 15

12:15 pm - 1:15 pm Roundtable Discussions

RTT24 Prospect for Non-Invasive PGT **Carmen Rubio, Ph.D. Igenomix Spain**

#### Wednesday, October 16

3:45 pm - 5:00 pm Symposium

Novel therapies for the Treatment of Asherman Syndrome Fady I. Sharara, M.D. (Chair)  
Virginia Center for Reproductive Medicine James Liu, M.D. UH MacDonald Women's Hospital  
**Carlos Simon, M.D., Ph.D. University of Valencia**

### POSTERS

#### Tuesday, October 15

6:30 am to 7:45 am

P-310: Impact of different degrees of genetic mosaicism in the kinetic profile of the human embryo

Lorena Rodrigo, Carmen Rubio, Angel M Bastida, Carmen Vidal, Amparo Mercader, Juan Giles, Jose Alejandro Remohi, M<sup>o</sup> José de los Santos

P-313: How many single embryo transfers would be needed to perform an euploid embryo transfer according to the age of the patient?

Carmen Rubio, Mónica Clemente-Ciscar, Lorena Rodrigo, Jorge Jimenez-Almazán, Carlos Simon

#### Wednesday, October 16

6:30 am to 7:45 am

P-504: ART conceptions are not a high-risk population for cell-free fetal DNA testing

Emilia Mateu-Brull, Lucia Marin, Carlos Simon, Miguel Milan

Session Topic: Early Pregnancy

P-516: Embryo ATP production can be modulated by maternal mitochondrial DNA secreted from the human endometrium in extracellular vesicles

Felipe Vilella, David Bolumar, Alicia Amadoz, Inmaculada Moreno, Carlos Simon

Session Topic: Endometrial Physiology

P-519: The endometrial microbiome of clinical miscarriage, ectopic pregnancy and early pregnancy and during early pregnancy in a successful live-birth

Iolanda Garcia Grau, Inmaculada Moreno, David Perez-Villaroya, Davide Bau, Marta Gonzalez-Monfort, Felipe Vilella, Carlos Simon

Session Topic: Endometrial Physiology

P-574: Effect of genistein and daidzein levels on ovarian response and embryo quality in PGT-A cycles

Lucia Marin, Inmaculada Campos-Galindo, Carmen Rubio, Carlos Simon, Francisco Dominguez, M<sup>o</sup> José de los Santos, Carmen Vidal, Amparo Mercader

Session Topic: Environment and Reproduction

P-605: Single cell RNAseq analyses of uterine fibroids and fibroid-free myometria reveal previously unidentified cell type and state

Aymara Mas, Carlos Simon, Wanxin Wang, Javier Monleón, Stephen Quake

Session Topic: Fibroids