

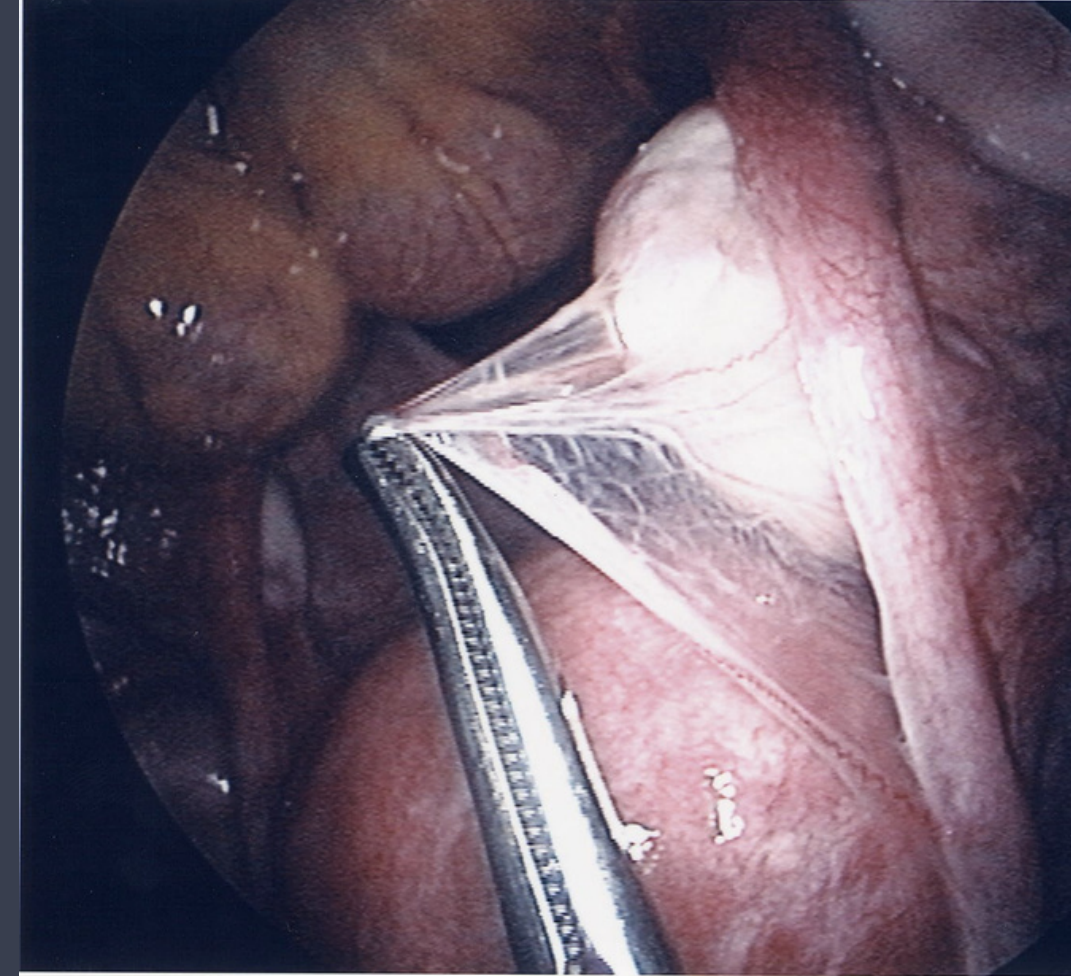
WEBINAR ABOUT REPRODUCTIVE SCIENCE

# BRAINSTORMING ON HUMAN REPRODUCTION

OCTOBER 25, 2023

Promoted by : Prof. Carlo Bulletti, CEO Help Me Doctor S.R.L., Cattolica, Italy

AI, ALGORITHMS AND CALCULATORS TO PREDICTS ART RESULTS IMPLANTATION FAILURE : EVIDENCE FOR DIAGNOSIS AND TREATMENT



## FACULTY

**Dr. Lusine Aghainova**, Stanford (USA)

**Dr. Signe Altmäe**, Solna (Sweden)

**Dr. Baris Ata**, Istanbul (Turkey)

**Dr. Anja Bisgaard**, Copenhagen (Denmark)

**Dr. Francesco Maria Bulletti**, Lausanne (Switzerland)

**Prof. Carlo Bulletti**, Cattolica (Italy)

**Dr. Andrea Busnelli**, Milano (Italy)

**Dr.ssa Lucia De Santis**, Milano (Italy)

**Dr. Jason Franasiak**, Philadelphia (USA)

**Dr. Kristine Løssl**, Copenhagen (Denmark)

**Dr. Roberto Palermo**, Palermo (Italy)

**Dr. Romualdo Sciorio**, Lausanne (Switzerland)

SPONSORED BY



Non-conditioning economic support

ORGANIZING SECRETARIAT



Congredior Srl – ID 737

Corso Amendola, 45 - 60123 ANCONA, ITALY

Tel. +39 071 2071411 - Fax. +39 071 2075629

[www.congredior.it](http://www.congredior.it) - [info@congredior.it](mailto:info@congredior.it)

# AI, ALGORITHMS AND CALCULATORS TO PREDICTS ART RESULTS

**09:00 Endometriosis, Carlo Bulletti**

**09:30 Predictive results of ART calculators :**

**a) Clinical And Lab parameters calculators;**

**b) Clinical parameters calculators, Andrea Busnelli**

**10:00 Morphological statical and kinetically**

**assessment of embryo in relationship too its  
destiny, Romualdo Sciorio**

**10:30 Gonadotropins starting dose calculators,**

*Alessandro Conforti*

**11:00 Fertilization and pregnancy outcomes in poor**

**ovarian responders, Romualdo Sciorio**

**11:30 Trigger and ET calculators, Lusine Aghainova**

**12:00 AI diagnostic imaging for endometrial adequacy**

**for embryos implantation, Giovanna Cenacchi**

# Implantation Failures

**MODERATOR: Roberto Palermo**

**14:00 Definition and prevalence. Is the endometrial window an existing entity?**  
*Carlo Bulletti*

**14:30 Euploidy and Aging. Aging as independent factor, Baris Ata**

**14:50 Immunological factors . Uterine and peripheral natural killer cells:  
Tlymphocytes, Peripheral blood cytokine levels HLA-C compatibility.  
Evidences versus opinions, Baris Ata**

**15:20 A) The Embryonic mithochondial content ;  
B) Artificial Intelligence-powered tools for embryo/blastocyst quality  
assessment , Lucia De Santis**

**15:50 A) BMI , Insulin resistance and PCO ; B) Thyroid, Jason Franasiak**

**16:10 Trombophilia (inherited and acquired) and coagulation : what evidences,  
treatments and over treatments, Jason Franasiak**

**16:40 Fresh and frozen embryo transfer, Anja Bisgaard**

**17:00 The role of progesterone in LPS, Kristine Løssl**

**17:30 A) Endometrial adequacy for embryo nidation (Histology, Endometrial  
Growth & decidualization, Omics) how to better detect it;**

**B) Evidences for the detrimental role of endometritis : how to diagnosis and  
treat, Lusine Agahinova**

**17:50 Microbiome : evidence versus narrative descriptions. It is a chapter?**  
*Signe Altmäe*

**18:20 Uterine factors: myomas, polyps, uterine malformations (septae,  
T- shaped), intrauterine adhesions, hydrosalpinx, Francesco Maria Bulletti**

**18:50 Life style factors alchool, drugs and smoking, Andrea Busnelli**

**19:10 Endometrial thickness and Embryo transfer gold standard procedures,  
Andrea Busnelli**

**19:40 Evidence Based Treatments, Carlo Bulletti**