



Presidents  
Eleonora Porcu  
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## 35 YEARS OF OOCYTE CRYOPRESERVATION

Bologna (Italy), October 11-12, 2022  
CONGRESS VENUE: Hotel Savoia Regency

### SCIENTIFIC PROGRAM

#### Tuesday October 11, 2022

- 14:00 Opening remarks
- 14:30 Milestones in 35 years history of oocyte cryopreservation

#### *1. Biological aspects*

- 15:00 From slow freezing to vitrification
- 15:20 Critical parameters in oocyte vitrification
- 15:40 Ultrastructural damage in frozen-thawed human oocytes
- 16:00 Oocytes Vitrification and embryo development
- 16:20 Discussion
- 16:40 Break
- 17:00 Semi-automated closed vitrification system
- 17:20 Safety and efficiency of oocyte vitrification storage devices the time of Covid-19
- 17:40 Lab to Lab shipping of cryopreserved oocytes
- 18:00 Discussion

**Scientific Secretariat**  
Leonardo Notarangelo  
Nilla Calza  
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**Wednesday October 12, 2022**

## *2. Oocyte storage for Fertility Preservation*

- 9:00 Oocyte cryopreservation in adolescents and young adults with cancer
- 9:20 Efficiency and safety of ovarian stimulation protocols for oocyte vitrification and cancer outcome
- 9:40 Oocyte storage in BRCA mutation carriers
- 10:00 Oocyte storage in Turner Syndrome
- 10:20 Oocyte cryopreservation for age-related fertility decline and in young POI patients
- 10:40 Discussion
- 11:00 Break
- 11:20 Oncological management of fertility preservation
- 11:40 Oocyte or ovarian tissue in cancer patients' fertility preservation
- 12:00 Oocyte storage and GnRH analogs for optimal management for fertility preservation in cancer
- 12:20 Management of fertility preservation with Public Health Assistance
- 12:40 Elective egg freezing
- 13:00 Ethical and Legal Aspects of elective oocyte cryopreservation
- 13:20 Discussion
- 13:40 Lunch

## *3. Oocyte storage in IVF*

- 14:40 Routine management of supernumerary oocyte cryopreservation in IVF
- 15:00 Oocytes' storage results from the Italian ART Registry
- 15:20 Cumulative pregnancy rate with oocyte vitrification

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15:40 Frozen oocytes versus frozen embryos

16:00 Is PGT recommended after oocyte cryopreservation?

16:20 Obstetric and perinatal outcome after conception with cryopreserved oocytes

16:40 Oocyte cryopreservation in oocyte donation program

17:00 Discussion

17:20 Break

#### *4. Oocyte storage to save non human species*

17:40 Domestic animals

18:10 Wild animals

18:40 Discussion

19:00 Closing Remarks

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