

*Aperiti*



SIE33

FINE SCIENCE AND INNOVATIONS

**23 Luglio 2024**

**h 17:30**



# MENU

FINE SCIENCE AND INNOVATIONS

## MODERATORS.....

**STEFANO CANOSA, GIOVANNA DI EMIDIO**

## MARILENA TAGGI.....h 17.45

Leveraging warning thresholds of oocyte immaturity rate to identify patients at risk of pathological endophenotypes. Analysis of 16,155 retrievals with implications for rescue-IVM.

## MAURIZIO ZUCCOTTI.....h 17.55

Identification of mouse cumulus cell-specific mirnas and their role in the acquisition of the oocyte developmental competence.

## CAMILLA FASOLI.....h 18.00

Extracellular vesicles (EVs) from female reproductive tracts positively affect sperm capacitation and progressive motility.

## DISCUSSANT.....h 18.05

**SARA MARCHIANI, LUDOVICA PICCHETTA**



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**ILARIA LISTORTI.....h 18.20**

The impact of maternal age on cumulative life birth rates after single euploid embryo transfer: differences between autologous and donor oocyte cycles.

**CHRISTIAN OTTOLINI.....h 18.30**

Stringent statistical analysis of 108,684 oocyte donation cycles identifies 2.6% of donors with specific oocyte/embryo developmental arrest phenotypes for genome association studies.

**VINCENZO GENOVESE.....h 18.35**

Improvement of follicle growth and health during dynamic culture of bovine ovarian cortical tissue (BOCT) is associated to a higher remodeling of the extracellular matrix.

**ROMUALDO SCIORIO.....h 18.40**

Relationship between exposure in equilibration solution pre-vitrification for human collapsed blastocysts and miscarriage rate in ART treatments.

**DISCUSSANT.....h 18.45**

**FEDERICA CARIATI, CATELLO SCARICA**



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**FEDERICA INNOCENTI.....h 19.05**

**Blastocyst expansion speed assay: a putative artificial intelligence-powered tool for embryo selection. Retrospective study involving 2184 blastocysts and 786 PGT-A cycles.**

**CRISTINA LAGALLA.....h 19.15**

**Chromosome constitution and clinical outcome of blastocysts derived from morulae with different compaction patterns.**

**GIULIA D'ALESSANDRO.....h 19.20**

**The benefits of higher concentrations of synthetic serum substitutes in post-warming embryo culture and transfer media: a retrospective study of 864 frozen blastocyst transfer cycles.**

**VALENTINA PAVONE.....h 19.30**

**Isolation and characterization of extracellular vesicles from human endometrial organoids.**

**DISCUSSANT.....h 19.35**

**ANDREA BIANCHI, SOFIA DE GIROLAMO**