

Scientific Program

02.45 pm Welcome remarks

Carlo Flamigni, Italy

03.00 pm New insights into sperm cryopreservation

John Morris, UK

03.20 pm Ovarian tissue cryopreservation

Raffaella Fabbri, Italy

03.40 pm Oocyte cryopreservation: a biological perspective

Giovanni Coticchio, Italy

04.00 pm Discussion

04.20 pm *Coffee break*

Oocyte freezing: a viable alternative? The Italian experience

04.50 pm - **Eleonora Porcu, Italy**

05.10 pm - **Andrea Borini, Italy**

05.30 pm Developmental potential of stored embryos

David Edgar, Australia

05.50 pm Blastocyst freezing

Yves Ménézo, France

06.10 pm Fate of stored embryos: our ten-year experience

Monica Cattoli, Italy

06.30 pm Discussion

09.00 am Cellular and molecular landmarks of oocyte development

David Albertini, USA

09.20 am Oocyte-somatic cell interactions

Sandra Cecconi, Italy

09.40 am The role of mitochondria in the establishment of oocyte developmental competence

James Cummins, Australia

10.00 am Oocyte growth and maturation in vitro

Johan Smitz, Belgium

10.20 am Discussion

10.40 am *Coffee break*

11.10 am FSH: urinary and recombinant

Antonio Palagiano, Italy

11.30 am FSH and LH together

Paolo Levi Setti, Italy

11.50 am GnRh analogs: depot vs. short formulations

Luca Dal Prato, Italy

12.10 pm GnRh antagonist

Elisabetta Coccia, Italy

12.30 pm Recombinant gonadotropins and their impact on oocyte quality

Colin Howles, Switzerland

12.50 pm Discussion

01.10 pm *Lunch*

02.40 pm New insights into the genetics of spermatogenesis

Bruce Lahn, USA

03.00 pm Paternal contribution to the zygote

Christopher Navarra, USA

03.20 pm Exogenous influences on sperm function

Stewart Irvine, UK

03.40 pm Discussion

04.00 pm *Coffee break*

04.30 pm Egg-sperm interactions at fertilization in mammals

Paul Wassarman, USA

04.50 pm Maternal and Paternal contributions to Ca⁺ signaling at fertilization

John Carroll, UK

05.10 pm Sperm entry and the establishment of embryo polarity

Magdalena Zernicka-Goetz, UK

05.30 pm Discussion

05.50 pm Invited free communications

09.00 am In vivo vs. in vitro fertilization

Riccardo Talevi, Italy

09.20 am Effects of culture conditions on IVF outcome

Barry Behr, USA

09.40 am Laser-assisted ICSI

Laura Rienzi, Italy

10.00 am ICSI in non-severe male factor

Simon Fishel, UK

10.20 am Discussion

10.50 am *Coffee break*

11.10 am Genetics of gametes and embryos

Joyce Harper, UK

11.30 am Maternal and paternal factors controlling genome activation and early development

Keith Latham, USA

11.50 am A global view of gene expression in the preimplantation mouse embryo

Minoru Ko, USA

12.10 pm Discussion

12.30 *Lunch*

02.00 pm Epigenetic effects on embryo development in vitro

Barry Bavister, USA

02.20 pm Metabolism and developmental competence of the preimplantation embryo

Francesca Houghton, UK

02.40 pm Aberrant epigenetic reprogramming and cloning in mammals

Wendy Dean, UK

03.00 pm Discussion

03.20 pm Reducing the number of embryos to transfer in IVF I ICSI

Jan Gerris, Belgium

03.40 pm Advances in preimplantation genetic diagnosis

Dagan Wells, USA

04.00 pm The future: high throughput technology for embryo selection

Mark Hughes, USA

04.20 pm Discussion

04.40 pm *Coffee break*

05.10 pm Perifollicular vascularity monitoring and scoring: a clinical tool for selecting the best oocyte

Andrea Borini, Italy

05.30 pm Cumulative pregnancy rates after transfer of fresh and thawed embryos

Filippo Ubaldi, Italy

05.50 pm Clinical outcome of blastocyst culture

Carlo Bulletti, Italy

06.10 pm Discussion

06.30 pm Closing remarks