

## INFORMATION & DEADLINES

### Invited Speakers:

D. Albertini, Kansas  
C. Alviggi, Napoli  
A. Arav, Tel Aviv  
P. Barri, Barcellona  
A. Borini, Bologna  
S. Cecconi, L'Aquila  
R.C. Chian, Montreal  
E. Cittadini, Palermo  
E. Coccia, Roma  
N. Colacurci, Napoli  
P.G. Crosignani, Milano  
J. Donnez, Bruxelles

B. Engl, Brunico  
R. Fadini, Monza  
A.P. Ferraretti, Bologna  
C. Flamigni, Bologna  
L. Gianaroli, Bologna  
C. Krausz, Firenze  
A. Lenzi, Roma  
P. Levi Setti, Milano  
C. Magli, Bologna  
D. Meirow, Tel Aviv  
S. Minger, London  
A. Perino, Palermo  
P. Patrizio, New Haven

A. Revelli, Torino  
G. Ricci, Trieste  
L. Rienzi, Roma  
G. Ruvolo, Palermo  
D. Sakkas, New Haven  
P. Scollo, Catania  
S. Silber, St Louis  
J. Smitz, Bruxelles  
D. Stoop, Bruxelles  
F. Ubaldi, Roma  
A. Veiga, Barcelona  
G. Vittori, Roma  
D. Wells, London

### President of the Conference:

Ettore Cittadini

### Scientific Committee:

P. Barri, J. Donnez, L. Gianaroli, C. Krausz, P. Patrizio, G. Ruvolo, J. Smitz, A. Veiga, D. Wells

### Organizing Committee:

C. Barraco, A.M. Benigno, E. Cefalù, R.A. Gancitano, A. Lo Bue, M. Manno, A. Pane, C. Simonaro

**Conference venue:** Palazzo Impellizzeri - Siracusa, Italy

**Poster Session Award:** All colleagues are invited to present a poster. Posters will be selected by the Scientific Committee. The winner will have an award prize of € 500,00 and will have the opportunity to present the poster during plenary session.

### Registration fees:

Physician / Biologist fee  
Post graduate fee

### Before 15 April

€ 300,00 (VAT included)  
€ 80,00 (VAT included)

### After 15 April

€ 400,00 (VAT included)  
€ 120,00 (VAT included)

### CME:



Serono Symposia International Foundation ([www.seronosymposia.org](http://www.seronosymposia.org)) will submit the main congress program of "THE FUTURE OF REPRODUCTIVE MEDICINE In-vitro maturation The "omics" of Oocytes and Embryos Cryopreservation Transplantation and Regenerative Medicine" (Siracusa, Italy - May 14<sup>th</sup> - 15<sup>th</sup> 2010) for CME accreditation from the Italian Ministry of Health.

### Organizing Secretariat:



BGE Eventi & Congressi  
Via G. Bonanno, 61 - 90143 Palermo - Italia  
Ph. 0039.091.306887 Fax. 0039.091.6260945  
web: <http://www.bgeventi.com/eventi.asp>  
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### DEADLINES

**20 February, 2010** Call for poster form

**3 April, 2010** Final date for poster abstract

**15 April, 2010** End of early registration

### MAIN SPONSOR



Fondazione per gli Studi  
sulla Riproduzione Umana



Mediterranean Institute  
for Biomedical Research

# THE FUTURE OF REPRODUCTIVE MEDICINE

May 14<sup>th</sup> - 15<sup>th</sup>, 2010 - Palazzo Impellizzeri  
Siracusa, Italy

PRELIMINARY PROGRAM

**Goals:**

1. To update the physiology of folliculogenesis & review current developments of in-vitro oocyte maturation
2. To review the cutting edge methods to assess oocyte and embryo competence
3. To understand cryotechnology for oocytes and ovarian tissue
4. To explore new technologies in reproductive medicine

**May 14<sup>th</sup> - 2010****Session I: Physiology of folliculogenesis****Chairmen:** *C. Alviggi - S. Cecconi*

- 08.30** Regulatory developmental mechanism and dialogue between oocytes and granulosa cells *D. Albertini*
- 09.00** Oocyte and Embryo developmental competence and new non invasive biomarkers: lessons from clinical data *P. Patrizio*
- 09.30** Chromosomal aneuploidies and gene expression in human oocytes *L. Gianaroli*

**Session II: New hormones and molecules in ovarian stimulation protocols****Chairmen:** *E. Coccia - N. Colacurci*

- 10.00** New Strategies in ovarian stimulation *A. Borini*
- 10.30** Selective embryo transfer for the prevention of complications of ART *P. Barri*
- 11.00** Poster Session AWARD
- 11.30** **Summing up:** *L. Rienzi - D. Wells*
- 11.45** Lunch break

**Session III: In vitro oocyte maturation****Chairmen:** *P.G. Crosignani - F. Ubaldi*

- 14.00** Gene expression in human oocytes matured in vivo and in vitro *D. Wells*
- 14.30** Genetic & Epigenetic considerations for immature oocyte culture *C. Magli*
- 15.00** Can we grow and mature oocytes in "in vitro" follicular culture systems *J. Smitz*
- 15.30** Results of oocyte cryopreservation after IVM *R. Fadini*
- 16.00** Clinical applications and ART outcomes with in vitro maturation *R.C. Chian*

**Session IV: Chromatine integrity as marker of sperm quality****Chairmen:** *A. Lenzi - P. Levi Setti*

- 16.30** From DNA fragmentation to sperm aneuploidy: from IMSI to birifrangency *D. Sakkas*
- 17.00** Pre ICSI genetic exams in severe OAT *C. Krausz*
- 17.30** **Summing up:** *D. Albertini - P. Patrizio*
- 17.45** **End of scientific session**

**May 15<sup>th</sup> - 2010****Session V: Cryopreservation****Chairmen:** *B. Engl - G. Ricci*

- 08.30** Results of oocyte cryopreservation by slow freezing or vitrification technique *L. Rienzi*
- 09.00** Cryopreservation of spermatozoa and testicular tissue *G. Ruvolo*
- 09.30** From zygote to blastocyst cryopreservation *D. Stoop*

**Session VI: Cryopreservation and Transplantation****Chairmen:** *A. Revelli - P. Scollo*

- 10.00** Autotransplantation of fresh human ovarian tissue *S. Silber*
- 10.30** Autotransplantation of frozen human ovarian tissue *J. Donnez*
- 11.00** Freezing/thawing whole human Ovaries and Fallopian tubes *A. Arav*
- 11.30** **Summing up:** *R.C. Chian - A. Veiga*
- 11.45** Lunch break

**Session VII: Fertility and cancer****Chairmen:** *A.P. Ferraretti - A. Perino*

- 14.00** Fertility preservation in cancer patients: an historical journey *E. Cittadini*
- 14.30** Screening for MRD (minimal residual disease) before freezing and ovarian transplantation *D. Meirow*

**Session VIII: New technologies in reproductive medicine****Chairmen:** *C. Flamigni - G. Vittori*

- 15.00** The perspectives in the use of Stem Cells *S. Minger*
- 15.30** Pluripotent Stem Cells and Gamete derivation *A. Veiga*
- 16.00** **Summing up:** *L. Gianaroli - D. Stoop*
- 16.15** **End of the conference**