

# TECNOBIOS PROCREAZIONE SYMPOSIUM 2014



**Rome 2014**  
**October 9<sup>th</sup> - 11<sup>th</sup>**

*NH Hotel Vittorio Veneto - Corso d'Italia, 1 - Rome - Italy*

# WELCOME

The Tecnobios Procreazione Symposium 2014 is aimed at providing clinicians, embryologists and basic scientists with an opportunity to focus on and discuss some of the most attractive and innovative advances in the field of reproductive biology and medicine.

At the conclusion of this event, participants will have a better appreciation of the possibility to develop novel methodologies and forms of infertility treatment as a result of the knowledge gained from basic and clinical studies.

**Andrea Borini**

*In charge of scientific programme*

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**SIFES e MR** and **PRO-FERT** sessions were done with the scientific support of the respective boards.

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## Invited Speakers and Chairmen

<b>David</b>	<b>Albertini</b>	Kansas City	USA
<b>John</b>	<b>Allen</b>	London	UK
<b>Paola</b>	<b>Anserini</b>	Genova	Italy
<b>Elisabetta</b>	<b>Baldi</b>	Firenze	Italy
<b>Gianni</b>	<b>Baldini</b>	Firenze	Italy
<b>Laura</b>	<b>Benaglia</b>	Milano	Italy
<b>Andrea</b>	<b>Borini</b>	Bologna	Italy
<b>Mats</b>	<b>Brännström</b>	Gothenburg	Sweden
<b>Carlo</b>	<b>Bulletti</b>	Cattolica (RN)	Italy
<b>Rita</b>	<b>Canipari</b>	Roma	Italy
<b>Nino Guy</b>	<b>Cassuto</b>	Paris	France
<b>Leonora</b>	<b>Chiavari</b>	Milano	Italy
<b>Maria Paola</b>	<b>Costantini</b>	Roma	Italy
<b>Giovanni</b>	<b>Coticchio</b>	Monza	Italy
<b>Marilisa</b>	<b>D'Amico</b>	Milano	Italy
<b>Lino</b>	<b>Del Pup</b>	Aviano (PN)	Italy
<b>Carlo</b>	<b>Flamigni</b>	Bologna	Italy
<b>Carlo</b>	<b>Foresta</b>	Padova	Italy
<b>Giorgio</b>	<b>Franco</b>	Roma	Italy
<b>Andrea</b>	<b>Garolla</b>	Padova	Italy
<b>Giorgia</b>	<b>Gioacchini</b>	Ancona	Italy
<b>Antonino</b>	<b>Guglielmino</b>	Catania	Italy
<b>Maurizio</b>	<b>Guido</b>	Acquaviva delle Fonti (BA)	Italy
<b>Efstratios</b>	<b>Kolibianakis</b>	Thessaloniki	Greece
<b>Cristina</b>	<b>Lagalla</b>	Bologna	Italy
<b>Sergio</b>	<b>Ledda</b>	Sassari	Italy
<b>Paolo Emanuele</b>	<b>Levi Setti</b>	Milano	Italy
<b>Alma</b>	<b>Linkeviciute</b>	Milano	Italy
<b>Roberto</b>	<b>Lupis</b>	Torino	Italy
<b>Guido</b>	<b>Macchiarelli</b>	L'Aquila	Italy
<b>Dror</b>	<b>Meirow</b>	Tel Hashomer	Israel
<b>Maurizio</b>	<b>Mori</b>	Torino	Italy
<b>Ludovico</b>	<b>Muzii</b>	Roma	Italy
<b>Marco</b>	<b>Nadalini</b>	Bologna	Italy
<b>Antonio</b>	<b>Palagiano</b>	Napoli	Italy
<b>Roberto</b>	<b>Palermo</b>	Palermo	Italy
<b>Simone</b>	<b>Palini</b>	Cattolica (RN)	Italy
<b>Fedro</b>	<b>Peccatori</b>	Milano	Italy
<b>Antonio</b>	<b>Pellicer</b>	Valencia	Spain
<b>Guido</b>	<b>Ragni</b>	Milano	Italy
<b>Alessandra</b>	<b>Razzano</b>	Torino	Italy
<b>Laura</b>	<b>Rienzi</b>	Roma	Italy
<b>Paolo</b>	<b>Rinaudo</b>	San Francisco	USA
<b>Giovanni</b>	<b>Ruvolo</b>	Palermo	Italy
<b>Denny</b>	<b>Sakkas</b>	Boston	USA
<b>Undraga</b>	<b>Schagdarsurengin</b>	Giessen	Germany
<b>Emre</b>	<b>Seli</b>	Yale-New Haven	USA
<b>Renato</b>	<b>Seracchioli</b>	Bologna	Italy
<b>Carla</b>	<b>Tatone</b>	L'Aquila	Italy
<b>Evelyn</b>	<b>Telfer</b>	Edinburgh	UK
<b>Herman</b>	<b>Tournaye</b>	Brussels	Belgium
<b>Filippo Maria</b>	<b>Ubaldi</b>	Roma	Italy
<b>Alessandra</b>	<b>Vucetich</b>	Milano	Italy
<b>Dagan</b>	<b>Wells</b>	Oxford	UK
<b>Nikica</b>	<b>Zaninovic</b>	New York	USA

13.45 **Opening**

*A. Borini*

**14.15 Session SIFES**

**16.50 “La sterilità, la fecondazione assistita e la società”**

*Chairmen: A. Guglielmino - A. Palagiano*

14.15 Come cambia la regola morale

*C. Flamigni*

14.35 Etica della riproduzione umana: perché l’assistenza tecnica è buona

*M. Mori*

14.55 La giurisprudenza aiuta o deve essere aiutata nei cambiamenti?

*M. D’Amico*

15.15 Media italiani e la fecondazione assistita: come hanno preparato la sentenza della Corte Costituzionale ed hanno reagito ad essa

*R. Lupis*

15.35 La ricerca scientifica sugli embrioni sarà mai possibile?

*M.P. Costantini*

15.55 La donazione dei gameti

*G. Baldini*

16.15 Discussion

**16.50 Break**

**17.05 Session**

**20.00 “The oocyte”**

*Chairmen: G. Macchiarelli – G. Ruvolo*

17.05 Biology of ovarian reserve

*D. Albertini*

17.30 Granulosa cells in the aging ovary

*C. Tatone*

17.55 Granulosa cells in women with endometriosis

*G. Gioacchini*

18.20 Oocyte oxidative damage during in vitro culture and antiox strategies

*S. Ledda*

18.45 Mitochondrial genome function and maternal inheritance

*J. Allen*

19.10 Interactive discussion

20.00 Closing

**09.00** **Clinical Session 1**  
**10.40** **“How to predict success in ART: sperm”**

*Chairmen: M. Guido – R. Palermo*

09.00 Sperm: testicle vs ejaculate  
*M. Nadalini*

09.25 Sperm: varicocele vs normal  
*A. Garolla*

09.50 Sperm: epididymal vs testicle  
*H. Tournaye*

10.15 Sperm: ICSI vs IMSI  
*G. Cassuto*

**10.40** **Break**

**11.00** **Clinical Session 2**  
**13.05** **“How to predict success in ART: eggs”**

*Chairmen: R. Seracchioli – F.M. Ubaldi*

11.00 Number of the eggs: many are better  
*A. Borini*

11.25 Number of the eggs: few are better  
*E. Kolibianakis*

11.50 Endometrioma and egg quality: same quality  
*L. Benaglia*

12.15 Endometrioma and egg quality: worse quality  
*L. Muzii*

12.40 Managing oocyte aging: current and future perspectives  
*A. Pellicer*

**13.05** **Lunch**

**14.30** **Session**  
**15.45** **“Andrology”**

*Chairmen: E. Baldi - G. Franco*

14.30 The sperm epigenome: a role in embryogenesis and assisted reproduction  
**U. Schagdarsurengin**

14.55 Update on DNA fragmentation in ART  
**D. Sakkas**

15.20 Update on HPV and fertility outcome  
**C. Foresta**

**15.45 Break**

**16.05** **Session**  
**18.35** **“Research”**

*Chairmen: P.E. Levi Setti – G. Ragni*

16.05 Revisiting the mechanism of LH-induced oocyte maturation:  
more questions than answers  
**D. Albertini**

16.30 Effects of thyroid hormones on apoptosis and proliferation of human luteal  
cells  
**R. Canipari**

16.55 Are we close to making artificial gametes?  
**E. Telfer**

17.20 Blastocoele: the embryonic fluid compartment.  
A mirror of the embryo's viability?  
**C. Bulletti – S. Palini**

17.45 Effect of substrate stiffness on embryo development  
**P. Rinaudo**

18.10 First clinical uterus transplantation trial  
**M. Brannstrom**

18.35 Closing

**09.00** **Session**  
**10.40** **“Embryology”**

*Chairmen: G. Coticchio – C. Lagalla*

09.00 Blastocyst morphology and outcome of single blastocyst transfer  
**N. Zaninovic**

09.25 Time lapse  
**L. Rienzi**

09.50 Non invasive assessment of embryo viability  
**E. Seli**

10.15 The “invasive” assessment of embryo: PGS  
**D. Wells**

**10.40 Break**

**11.00** **Session PRO-FERT**  
**13.30**

*Chairmen: L. Del Pup - F. Peccatori*

11.00 18 months of fertility preservation counseling in Italy:  
the 2012 CCM project  
**P. Anserini**

11.25 Preserve it or not: real cases from the west border  
**L. Chiavari – A. Razzano**

11.50 IVF results and pregnancies: transplantation of ovarian tissue indicates  
high success rates  
**D. Meirou**

12.15 Ethical issues in autologous gamete freezing and donation  
**A. Linkeviciute**

12.40 Egg donation in Italy: a long and winding road  
**A. Vucetich**

13.05 Discussion

13.30 Closing

## VENUE

**NH Hotel Vittorio Veneto**  
Corso d'Italia, 1 - Rome

## REGISTRATION

**Registration fee for first 100 subscriptions:** € 100,00+VAT

**Registration fee:** € 300,00+VAT

**Registration fee includes:**

admission to all scientific sessions, congress kit, certificate of attendance, coffee breaks and lunch.

## OFFICIAL LANGUAGE

**The official language is English.**

Simultaneous translation will be provided.

## ACKNOWLEDGEMENTS

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## ORGANIZER

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## ORGANIZING SECRETARIAT

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