

TECNOBIOS PROCREAZIONE SYMPOSIUM 2014



Rome 2014
October 9th - 11th

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

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



Invited Speakers and Chairmen

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

Via Dante, 15 - 40125 Bologna - Italy
eventi@medicaservice.it

ORGANIZING SECRETARIAT

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Provider ECM Nazionale Accreditato n. 2516



Via Alberotanza, 5 - 70125 BARI

Tel. 080.9905360 - Fax 080.9905359 - 080.2140203

e-mail: info@meeting-planner.it - www.meeting-planner.it

