

2nd BIOGENESI CONFERENCE

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BIOGENESI
Centro di Medicina
della Riproduzione



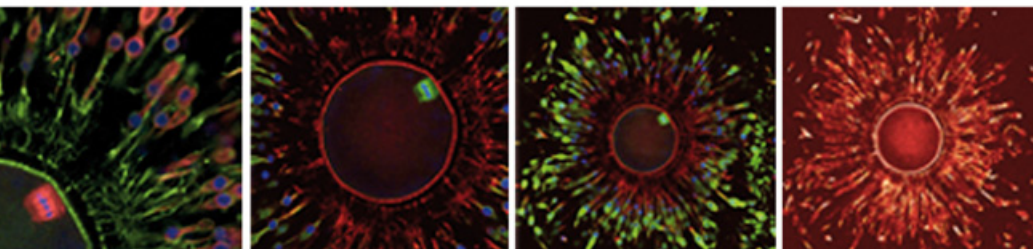
ISTITUTI CLINICI ZUCCHI

GRUPPO OSPEDALIERO SAN DONATO



MONZA, ITALY

Sistema Sanitario  Regione Lombardia

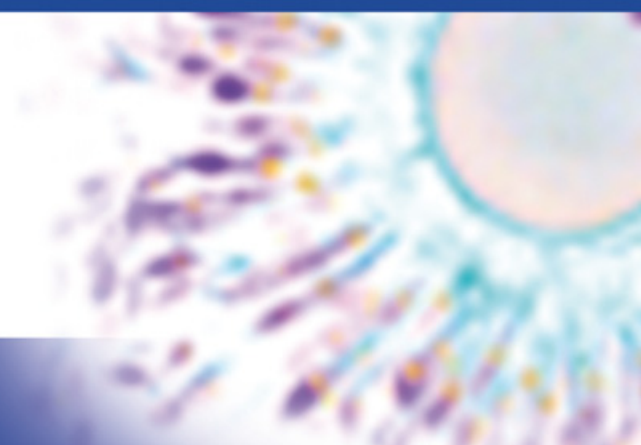


IN VITRO MATURATION OF HUMAN OOCYTES: BIOLOGICAL FOUNDATIONS FOR A BREAKTHROUGH

Milan, Italy

2-4 December 2010

PROGRAM

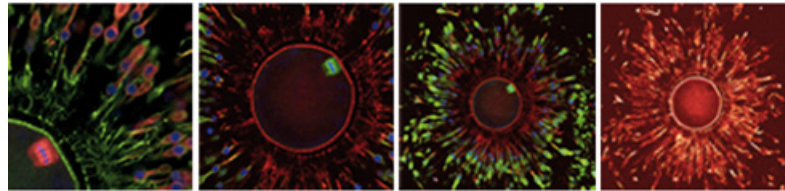


2nd BIOGENESI CONFERENCE

IN VITRO MATURATION
OF HUMAN OOCYTES:
BIOLOGICAL FOUNDATIONS
FOR A BREAKTHROUGH

BIOGENESI Reproductive Medicine Centre

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MILAN - Italy
2-4 December 2010

PRESIDENT

Rubens Fadini

SCIENTIFIC SECRETARIAT

Giovanni Coticchio
Mariabeatrice Dal Canto

Although oocyte in vitro maturation (IVM) has been introduced into clinical practice in a number of centres and led to the birth of several hundred children worldwide, its full potential has not yet been accomplished. The gap between its clinical potential and actual achievements is largely dependent on the lack of in-depth knowledge of the process of oocyte maturation and interactions between oocyte and companion cumulus cells. This leaves unanswered crucial questions on how oocyte IVM should be pursued in vitro.

The objective of the “2nd Biogenesi Conference on IVM” is to bring to the attention of an international audience of IVF specialists and reproductive scientists the current status of scientific knowledge on oocyte in vitro maturation and stimulate a debate on a foreseeable future of this approach to fertility treatment. To this end, the conference will be mainly focused on basic science and laboratory foundations of oocyte maturation.

World leading experts will contribute to the conference with their experience on the clinical application of IVM, their understanding of oocyte physiology and somatic-germ cell interaction, and their vision for a breakthrough in IVM technology.

Target audience:

scientists and clinicians with an interest in oocyte in vitro maturation and physiology.

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SPEAKERS AND CHAIRMEN

D. Albertini (USA)
 T. Child (UK)
 R. Ciriminna (Italy)
 E. Cittadini (Italy)
 M. Conti (USA)
 G. Coticchio (Italy)
 M. Dal Canto (Italy)
 M. De Vos (Belgium)
 L. De Santis (Italy)
 J. Eppig (USA)
 R. Fadini (Italy)
 M. Filicori (Italy)
 F. Gandolfi (Italy)
 L. Gianaroli (Italy)
 R. Gilchrist (Australia)
 H. Holzer (Canada)
 A. Hourvitz (Israel)
 S. Ledda (Italy)
 P. Levi Setti (Italy)
 J. H. Lim (Korea)
 M. Matzuk (USA)
 M. Mignini Renzini (Italy)
 Y. Morimoto (Japan)
 H. I. Nielsen (Denmark)
 P. Patrizio (USA)
 H. Picton (UK)
 G. Ragni (Italy)
 A. Schulman (Israel)
 M.A. Sirard (Canada)
 J. Smitz (Belgium)
 W.Y. Son (Canada)
 A. Sutcliffe (UK)
 S.L. Tan (Canada)
 E. Telfer (UK)
 M. Zuccotti (Italy)

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PROGRAM

THURSDAY 2 December – afternoon

Update of the clinical outcome of oocyte in vitro maturation – I

14:15 Opening

14:30 **Cost effectiveness of IVM vs standard IVF**

R. Fadini (Italy)

15:00 **Patient selection for IVM treatment**

T. Child (UK)

15:30 **Clinical protocols and results of IVM**

J. H. Lim (Korea)

Coffee break

Update of the clinical outcome of oocyte in vitro maturation – II

16:30 **Endometrial receptivity in IVM**

M. De Vos (Belgium)

17:00 **Controversies in IVM**

H. Holzer (Canada)

17:30 **IVM as a strategy for fertility preservation**

S.L. Tan (Canada)

18:00 **Health of IVM children**

A. Sutcliffe (UK)

FRIDAY 3 December – morning

Follicle growth and COC development: lessons drawn from physiology

09:00 **Synchronizing oogenesis and folliculogenesis**

D. Albertini (USA)

09:30 **On becoming and being a cumulus cell**

J. Eppig (USA)

10:00 **Control mechanisms of oocyte meiotic maturation**

M. Conti (USA)

10:30 **Cytoplasmic attributes of oocyte maturity**

S. Ledda (Italy)

Coffee break

The IVM laboratory in everyday practice

11:30 **Laboratory set up and biological protocols for human IVM**

W.Y. Son (Canada)

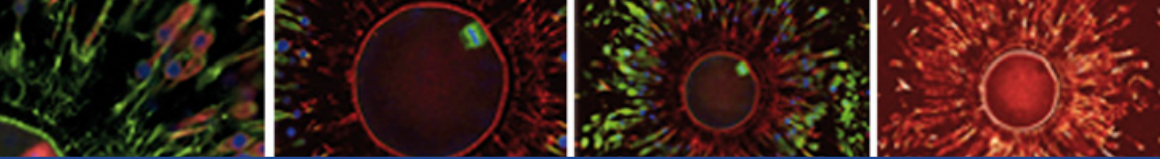
12:00 **In vivo vs in vitro matured oocytes**

M. Dal Canto (Italy)

12:30 **Oocyte morphology as a predictor of IVM clinical outcome**

M. Mignini Renzini (Italy)

Lunch



CONGRESS VENUE

STARHOTELS ROSA GRAND
Piazza Fontana, 3 - 20122 - Milano

FRIDAY 3 December – afternoon

Origins of the reduced developmental ability of in vitro matured oocytes

- 14:30 **Follicle environment and quality of in vitro matured oocyte**
M.A. Sirard (Canada)
- 15:00 **Molecular characterization of the human ovulatory cascade. Lesson from the IVM model**
A. Hourvitz (Israel)
- 15:30 **How oocyte-cumulus cell interactions impact nuclear and cytoplasmic maturation**
D. Albertini (USA)
- 16:00 **Molecular regulators of oogenesis and embryogenesis**
M. Zuccotti (Italy)

Coffee break

Linking in vitro follicle growth and in vitro oocyte maturation

- 17:00 **Lessons from the mouse follicle culture and in vitro maturation models**
J. Smits (Belgium)
- 17:30 **How far are we from producing human mature oocytes from primordial follicles?**
E. Telfer (UK)

SATURDAY 4 December – morning

Towards a more successful oocyte in vitro maturation approach – I

- 09:00 **The oocyte metabolism and novel IVM media**
H. Picton (UK)
- 09:30 **Growth factors to promote IVM and implantation**
M. Matzuk (USA)
- 10:00 **Three-dimensional cumulus cell complex architecture and oocyte competence**
M. Dal Canto (Italy)

Coffee break

Towards a more successful oocyte in vitro maturation approach – II

- 11:00 **Modulation of oocyte meiotic resumption to improve in vitro maturation**
R. Gilchrist (Australia)
- 11:30 **Oxygen tension, mitochondrial function and quality of in vitro matured oocytes**
Y. Morimoto (Japan)
- 12:00 **Cryopreservation of immature oocytes**
G. Coticchio (Italy)
- 12:30 **Concluding remarks**

ORGANIZING SECRETARIAT



Dolphin Organization

Strada Maggiore, 90
40125 Bologna Italy
Ph. +39 051 6360801
Fax +39 051 3764106
mail@dolphinorganization.com
www.dolphinorganization.com

GENERAL INFORMATION

CONGRESS VENUE

STARHOTELS ROSA GRAND

Piazza Fontana, 3 - 20122 – Milano

HOW TO REACH THE CONGRESS VENUE

Located in the heart of Milano, a short walk from the Duomo and "Teatro alla Scala".

From Train Station

- By underground (yellow line), from Milano Centrale Train Station (5 km) to Duomo station

From Motorways

- From A1 Milano/Roma and A4 Milano/Venezia motorways (10 km), take Viale Forlanini exit of Tangenziale Est (East ring road) and follow signs for city centre.
- From A8 Milano Laghi motorway (10 km), take Milano exit and follow signs for city centre
- From A7 Milano-Genova motorway (10 km), take Milano exit and follow signs for city centre

From Airports

- From Linate Airport (12 km), take a bus, direction Corso Europa
- From Malpensa Airport (50 km), take a shuttlebus to Stazione Centrale or train Malpensa Express to Cadorna Station. Proceed by underground
- From Orio al Serio Airport (50 km), take a bus to Stazione Centrale

SCIENTIFIC SECRETARIAT

Giovanni Coticchio

Mariabeatrice Dal Canto

BIOGENESI Reproductive Medicine Centre

Istituti Clinici Zucchi

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REGISTRATION

The number of participants will be limited to 220 people.

Priority will be given according to the date of receipt of the registration form.

Register on-line at www.dolphinorganization.com (congress section) or by fax sending the enclosed form

REGISTRATION FEES

- Before 31 October **Euro 400,00**
- After 31 October **Euro 450,00**

REGISTRATION FEES INCLUDE:

- Attendance to scientific sessions
- Congress kit
- Congress Dinner
- Luncheons
- Coffee breaks

PAYMENT

Credit Card - see enclosed form

Bank Transfer: to Dolphin Organization Account nr.: 977972

ABI 05387 CAB 02412 Banca Pop. dell'Emilia Romagna ag.20

IBAN Code: IT60V053870241200000977972

SWIFT/BIC Code: BPM0IT22XXX

PLEASE QUOTE: 2ND BIOGENESI CONFERENCE

Bank Transfer must be accompanied by Registration Form

Check: Please make check payable to Dolphin Organization (Euro Only) and mail to: Dolphin Organization - Strada Maggiore, 90 - 40125 Bologna Italy
Check must be accompanied by Registration Form

Please note that your registration will not be processed until the full registration fees payment is received

CANCELLATION OF REGISTRATION AND REFUND RULES

Refund of registration fees, less a € 40,00 non-refundable processing fee, will be made if written notice of cancellation is received before 12 November, 2010. Following that date no refunds of registration fees will be possible. All refunds will be made after the Congress.

ACCOMMODATION

To make a Hotel reservation please send the enclosed form to Dolphin Organization.

CLASS	HOTEL	DUS	DOUBLE
★★★	STARHOTELS ROSA GRAND - CONGRESS VENUE	€ 228,00	€ 228,00
Prices include VAT 20%			

LANGUAGE

The official language of the Congress is English

PERSONAL DATA TREATMENT

In compliance with the article 13 of the Italian Privacy Code (Legislative Decree No. 196/2003) we inform you that your personal data will be processed with or without the use of electronic or automated means, via suitable tools that will guarantee security and confidentiality. Personal data from you supplied will be communicated to Continuing medical Education Accreditation Authorities, to agencies that will take care of the whole accreditation process and agencies that will take care of the logistics of the event; should we not receive the below requested data, we will not be able to process your registration to the event. At anytime you may exercise your rights as laid down in the art. 7 of Italian Legislative Decree n. 196, 30 June 2003 of the Italian Law, by contacting Dolphin Organization Strada Maggiore, 90 - 40125 Bologna Italy - mail@dolphinorganization.com

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SPONSORS



Organon Italia



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