

**First Announcement**

# BORN IN ICE

An evolution  
of parenthood

**15<sup>th</sup> -16<sup>th</sup>  
October 2010**

Starhotel Rosa Grand  
Piazza Fontana, 2

**MILAN**

**Scientific Organizer**

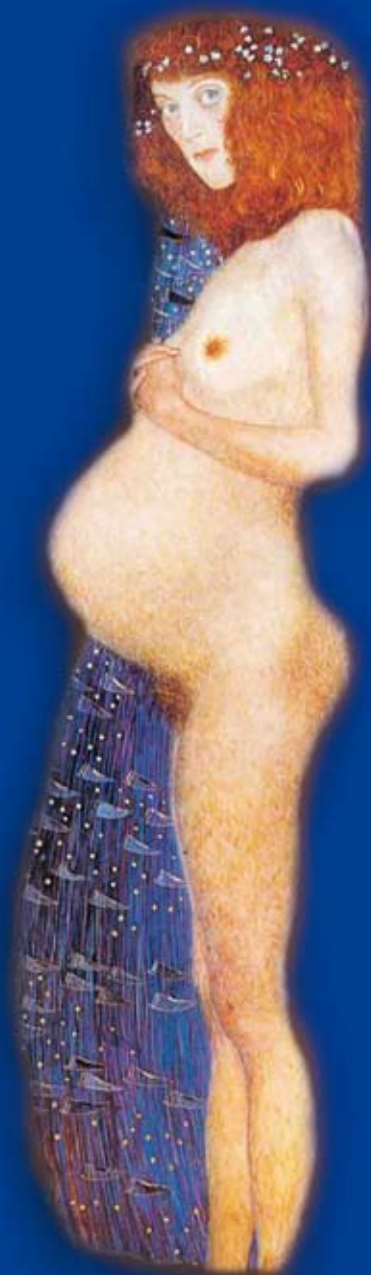
*Paolo Emanuele Levi Setti*

**International  
Scientific Committee**

*Ana Cobo*

*Nicole Noyes*

*Pasquale Patrizio*



# 15th October 2010

## Session I

### Ovarian and testicular tissue cryopreservation

Chairman: *Ettore Cittadini, Paola Anserini*

- 14.00** Testicular and spermatogonia cryopreservation  
*Stephan Schlatt*
- 14.20** Techniques of ovarian cryo preservation  
*Raffaella Fabbri*
- 14.40** Results of ovarian cryopreservation  
*Pasquale Patrizio*
- 15.00** Discussion

## Session II

### Embryo Cryopreservation - from zygote to blastocyst

Chairman: *Carlo Bulletti, Giuseppe D'amato*

- 15.20** Zygote and Cleaving embryo cryopreservation  
*Dominique De Ziegler*
- 15.40** Blastocyst cryopreservation  
*Roberto Palermo.*
- 16.00** Efficiency comparison of different development stage at cryopreservation  
*Cristina Magli*
- 16.20** Efficiency comparison of slow freezing vs vitrification  
*Laura Rienzi*
- 16.40** Discussion
- 17.00** Coffee Break

## Session III

### Oocyte Cryopreservation, Protocols

Chairman: *Lucia De Santis, Antonio Palagiano*

- 17.20** Slow freezing state of the art  
*Andrea Borini*
- 17.40** Vitrification state of the art  
*Peter Nagy*
- 18.00** Open and closed systems for oocyte vitrification  
*Ana Cobo*
- 18.20** Nuclear Transplant of lyophilized/reconstituted ovocytes  
*Pasqualino Loi*
- 18.40** Lyophilization of male and female germ cells  
*Amir Arav*
- 19.00** Discussion

# 16th October 2010

## Session IV

### Induction protocols for oocyte and embryo cryopreservation

Chairman: *Guglielmo Ragusa, Alberto Revelli*

- 09.00** Advances in ovarian stimulation for elective embryo or oocyte freezing  
*Askan Schultze-Mosgau*
- 09.20** Hormone-dependent cancer. Safe protocols for freezing versus post thawing efficacy  
*Antonio Gugliemino*
- 09.40** Influence of induction protocols on hormone-dependent cancer  
*Nicole Noyes*
- 10.00** Endometrial preparation and natural cycle for thawed/warmed embryo replacement  
*Filippo Ubaldi*
- 10.20** Discussion
- 10.40** Coffee Break

## Session V

### Ethics and Safety of gametes, embryo and tissue cryopreservation

Chairman: *Elisabetta Coccia, Pasquale Patrizio*

- 11.00** Deferring motherhood  
*Carlo Flamigni*
- 11.20** Donor oocyte banking  
*Amparo Ruiz*
- 11.40** Ethics of fertility cryopreservation and National Health Systems reimbursement  
*Basil Tarlatzis*
- 12.00** Pregnancy and children safety of cryopreservation  
*Irene Cetin*
- 12.20** Discussion
- 12.40** Posters award
- 13.00** Closure of the meeting  
*Paolo E. Levi Setti*

After the great success of the meeting 'Born in IVF' held in Milan in January 2006 we were asked to organize a second edition focusing on fertility preservation. It is now our pleasure to present the 2010 program 'Born in ICE'.

## Course Description

Advances in infertility and subfertility treatments and the growing number of couples with this health, psychological and social condition have been topics of major interest in recent years and will probably continue to be one of the key aspects of healthcare for the future. Cancer survivors are an emerging problem where reproductive preservation offered to male patients for many years needs a comparable option for females. Different social attitudes have a major impact on reproductive choice and result in a yearly increase in the median age of patients looking for their first pregnancy. Older patients mean growing infertility and subfertility problems. While sperm cryopreservation is a simple readily available option, until recently female fertility preservation has only been offered by embryo freezing. Social, ethical and psychological problems involved with long-term embryo storage surely reduce the chances of treatment even in countries where this treatment is not prohibited. In recent years oocyte freezing has emerged as a possible alternative for women to reduce the number of stored embryos in infertile couples and in women before gonadotoxic therapies or surgical removal of the ovaries. The removal, storage and replacement of fragments or the whole ovary is a new experimental approach to preserve ovarian function even in very young patients. The number of children born after freezing of embryos, oocytes and ovaries is large and will grow exponentially in the near future. Follow-up of these pregnancies and babies are questions that urgently need scientifically correct answers for patients care. Education of patients and professionals in these areas is only part of an evolution of parenthood involving society at large. Understanding how fertility preservation in fertile and infertile couples is an evolution that modifies our world and its ethics, moral and social activities is a reality and not an option.

## Objectives

Understanding the latest advances in fertility preservation and the strategies to offer treatment and prevent infertility. Understanding how cryopreservation of male and female gametes is a possible solution for fertility preservation in certain categories of patients. New strategies to reduce the time patients spend during treatments and how to provide therapies reducing the impact in their current and future quality of life. The efficiency, efficacy and long-term health of babies born from 'ice' techniques are the final element: patients need as a clear and scientifically proven answer.

## Target audience

Clinicians, psychologists, professionals and health providers involved in the treatment of patients submitted to therapies potentially reducing fertility, infertile patients involved in ART and in the debate of postponing reproductive age.

## Local Organising Committee

Department of Gynecology and Reproductive Medicine, IRCCS Istituto Clinico Humanitas.

Under the auspices of the Italian Fertility and Sterility and Reproductive Medicine Society (SIFES and MR).

## Organising Secretariat



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Request has been made for CME credits.