



# Preliminary Programme

## Life

Learning Initiatives for Fertility Experts

## Sincere-LIFE ART Workshop 2012

7 - 9 March 2012

Grand Copthorne Waterfront Hotel  
Singapore



Embryonic  
International



Obstetricians &  
Gynaecologists  
Society of Singapore



College of Obstetricians  
& Gynaecologists  
Singapore

# Welcome

## Welcome Message

Dear Friends & Colleagues,

I am pleased to welcome you to the 2<sup>nd</sup> Learning Initiatives for Fertility Experts (LIFE) series of training and updating Workshops in Assisted Reproductive Techniques (ART). The ART Workshop 2012 is the fourth organised by O&G Partners Fertility and the second in the LIFE series. The last LIFE ART Workshop was held nearly 2 years ago in conjunction with Gleneagles Hospital.

As always, we have an excellent faculty comprising international and local experts to discuss and update practitioners on the important and practical aspects of ART, both clinical and laboratory. Our international speakers include Professor Seang-Lin Tan (Canada), Professor Robert Norman (Australia), Professor Gábor Vajta (Australia), Professor Claus Yding Andersen (Denmark) and A/Prof. Kannamannadiar Jayaprakasan (United Kingdom). From Singapore, we have Professor Davor Solter and Professor Paul Robson. Together, they bring with them a wide range of expertise, skills and knowledge.

A highlight of the 3-day Workshop will be Ovarian and Oocyte Cryo-preservation, two of the more upcoming developments in ART. Also, for the first time, we have included an Ultrasound Practical on Follicular Monitoring and Ovarian Reserve Assessment for clinicians. As there are limited seats, it is important to register early.

This 2<sup>nd</sup> LIFE ART Workshop is partnered with the latest IVF Center in Singapore, to be opened in Novena, the new medical hub in Singapore. The Sincere IVF Center will offer patients with one of the best in clinical and embryological services in a stress-free environment.

Outside of the workshops, Singapore's newest attractions offer our overseas colleagues an opportunity to experience the culture, cuisines, art and architecture, with a unique blend of the tradition and modernity of this city.

I look forward to meeting you in Singapore!

Soon-Chye Ng, MD, FRCOG  
Professor, NUS & NTU

## DAY 1

7 March 2012, Wednesday

07:45 Registration  
08:30 Welcome address  
Prof. Soon-Chye NG

### Session 1: Ovarian Stimulation

Chairperson: Prof. Seang-Lin TAN

08:45 Ovarian stimulation for ART: Prediction and protocols  
A/Prof. K. JAYAPRAKASAN

09:30 New strategies in ovarian stimulation  
Prof. Seang-Lin TAN

10:15 Tea break

### Session 2: Oocytes and Handling

Chairperson: Prof. Gábor VAJTA

11:00 Principles in handling of oocytes and embryos: key points in a successful ART laboratory  
Prof. Gábor VAJTA

11:45 Laboratory aspects of cryopreserving ovarian tissue for fertility preservation  
Prof. Claus Yding ANDERSEN

12:30 Group photo

12:45 Lunch break

### Session 3: Folliculogenesis – Clinical Aspects

Chairperson: A/Prof. K. JAYAPRAKASAN

14:00 Is ovulation induction outdated?  
Prof. Robert NORMAN

14:45 Monitoring of cycles – current approach & recent advances  
A/Prof. K. JAYAPRAKASAN

15:30 Current status of IVF  
Prof. Seang-Lin TAN

15:45 Tea break

#### **Session 4: Embryo Markers & Cryopreservation – Part 1**

Chairperson: Prof. Claus Yding ANDERSON

16:00 Bio- and gene-markers for human embryo development and viability  
Dr. Paul ROBSON

16:45 Methods available for fertility preservation in girls and women  
Prof. Claus Yding ANDERSON

17:30 Different approaches of vitrification  
Prof. Gábor VAJTA

18:15 End of day 1 programme

19:00 Welcome dinner

## **DAY 2**

**8 March 2012, Thursday**

#### **Session 1: Miscellaneous Clinical Aspects of ART Treatment**

Chairperson: Prof. Robert NORMAN

08:00 New approaches in decreasing stress in ART  
Prof. Seang-Lin TAN

08:45 Implantation failure: Evidence based management  
A/Prof. K. JAYAPRAKASAN

09:30 Metabolic sequelae of PCOS  
Prof. Robert NORMAN

10:15 Tea break

#### **Session 2: Embryo Markers & Cryopreservation – Part 2**

Chairperson: Prof. Soon-Chye NG

10:45 Patterning in pre-implantation embryos  
Prof. Davor SOLTER

11:30 Cryopreservation: Biosafety issues & achievements and perspectives in oocyte cryopreservation  
Prof. Gábor VAJTA

12:15 Safety aspects of storing and transplanting ovarian tissue from patients with a malignant disease  
Prof. Claus Yding ANDERSEN

13:00 Lunch

#### **Session 3: New Developments in ART**

Chairperson: Prof. Seang-Lin TAN

14:00 Social oocyte banking  
Prof. Seang-Lin TAN

14:45 Results of transplanting frozen/thawed ovarian tissue  
Prof. Claus Yding ANDERSEN

15:30 Application of advanced ultrasound in reproductive medicine  
A/Prof. K. JAYAPRAKASAN

16:15 Tea break

#### **Session 4: Challenges in ART**

Chairperson: Prof. Gábor VAJTA

16:45 Embryo culture – can we perform better than Nature?  
Prof. Gábor VAJTA

17:30 Peri-conceptual health and why it matters  
Dr. Robert NORMAN

18:15 Certificate presentation (Lectures only participants)

18:30 End of day 2 programme

## DAY 3

9 March 2012, Friday

### Hands-on Ultrasound Practical

Chairperson: A/Prof. K. JAYAPRAKASAN

08:00 Ultrasound scanning of follicles

A/Prof. K. JAYAPRAKASAN

10:30 Tea break

11:00 Ultrasound OR

A/Prof. K. JAYAPRAKASAN

12:45 Certificate presentation (Ultrasound Practical participants)

13:00 End of day 3 programme for Ultrasound Practical

9 March 2012, Friday

### Hands-on Laboratory Practical

Time	Group A	Group B	Speakers
08:00	Ovarian tissue freezing & Vitrification		Prof. Claus Yding ANDERSON & Prof. Gábor VAJTA
09:00	Ovarian tissue freezing	Vitrification	Prof. Claus Yding ANDERSON (Group A) Prof. Gábor VAJTA (Group B) (with Dr. Swee-Lian LIOW & Dr. Nai Qing CHEN)
12:30	Lunch break		
13:30	Vitrification	Ovarian tissue freezing	Prof. Gábor VAJTA (Group A) Prof. Claus Yding ANDERSON (Group B) (with Dr. Swee-Lian LIOW & Dr. Nai Qing CHEN)
16:45	Certificate presentation (Laboratory Practical participants)		
17:00	End of day 3 programme for Laboratory Practical		

All interested participants will need to register for the workshop.  
Please go to [www.embryonics.biz](http://www.embryonics.biz) to download the registration form.

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