

**VIII International Campus course:  
Updates on ART in the Andean Region  
Focus on Fertility preservation**

Center For Reproductive Medicine, Vrije Universiteit Brussel, Brussels-Belgium

Lima – Perú

Call for abstracts: Deadline, March 25<sup>th</sup>, 2016

**Clinical Workshop**

**Target audience: fertility clinics practitioners**

<b>April 14<sup>th</sup> 2016</b>	
<b><u>Afternoon session</u></b>	
16:00 – 16:30	Registration
16:30 – 16:35	Opening words by local organizer and President of Fertility Society <i>Dr. Sergio Romero (PE)/Dr Julio Diaz (PE)</i>
<b>Updates on the ART clinic</b>	<b>Panelist: Francisco Escudero &amp; Javier Ascenzo &amp; Luis Noriega</b>
16:35 – 17:20	Efficient and safe use of FSH in ART stimulation <i>by Dr. Francisco Escudero (PE)</i>
17:20 – 18:00	The advantages of securing LH bioactivity in ovarian stimulation cycles for ART <i>by Dr. Johan Smitz (BE)</i>
18:00 – 18:45	Efficiency in ART: how should clinical outcomes be reported? <i>by Dr. Carlos Plancha (PT)</i>
18:45 – 19h30	Optimal use of steroid hormone preparations for embryo replacement in alternative and new ART treatments <i>by Dr. Johan Smitz (BE)</i>
19:30 – 20:15	Decidualization and gestational success. <i>by Dr. Bruce Murphy (CA)</i>

<b>April 15<sup>th</sup> 2016</b>	
<b><u>Morning session</u></b>	
<b>Updates on the ART laboratory</b>	<b>Panelist : Carlos Duarte &amp; Luis Guzmán &amp; Johnatan Vasquez</b>
08:45 – 09:30	Utility of oxidant therapies in assisted reproduction <i>by Dr. Sandro Gerli (IT)</i>
09:30 – 10:15	Live imaging for embryo scoring and selection <i>by Biol. Jimmy Portella (PE)</i>
10:15 – 11:00	Vitrification of ovarian tissue: <i>Dr. Mary Zelinski (USA)</i>
11:00 – 11:15	<b>Coffee break</b>

*The organisers acknowledge the unrestricted grant from Ferring Pharmaceuticals*



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Endorsements



	<b>April 15<sup>th</sup> 2016</b>
<b>Updates on the ART clinic</b>	<b><u>SYMPOSIUM ON FERTILITY PRESERVATION: Session I</u></b> <b>Chairmen: Flor Sánchez &amp; Mary Zelinski &amp; Fabrizio Vizcarra</b>
11:15 – 12:00	Cancer in Peru: Early detection and treatment; are we ready to introduce fertility preservation? <i>Dr. Cecilia Ma ( Ministerio de Salud ) (PE) TBC</i>
12:00 – 12:45	How badly is cancer treatment in children for their later fertility? <i>Dra Liliana Vásquez (ESSALUD)</i>
12:45 – 13:30	Establishing a network for fertility preservation in South America <i>Dr Jhenifer Rodrigues (BR)</i>
13:30 – 15:30	<b>Lunch break</b>

	<b>April 15<sup>th</sup> 2016</b>
<b><u>Afternoon session</u></b>	<b><u>SYMPOSIUM ON FERTILITY PRESERVATION: Session II</u></b> <b>Panelist: Johan Smitz &amp; Sergio Romero &amp; Helard Arriaga</b>
15:30 – 16:15	State of the ART in Fertility preservation <i>by Dr. Johan Smitz (BE)</i>
16:15 – 17:00	Oocyte in vitro maturation for fertility restoration <i>by Dr. Sergio Romero (PE)</i>
17:00 – 17:45	State of the art in culturing small follicles in mammals <i>by Dr. Flor Sánchez (PE)</i>
17:45 – 18:30	Advances in grafting of ovarian tissue in human <i>by Dr. Mary Zelinski (USA)</i>
18:30 – 19:00	Application of fertility preservation in Peru <i>by Biol. Ricardo Pella (PE)</i>

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Updates on ART in the Andean Region  
Focus: Fertility preservation in Animal and Human**  
Center For Reproductive Medicine, Vrije Universiteit Brussel, Brussels-Belgium

Lima – Perú

Call for abstracts: Deadline, March 25<sup>th</sup>, 2016

**Academic Workshop**

**Target audience: Master and PhD students from Medical, veterinary and Biological Sciences from Andean Universities**

<b>April 16<sup>th</sup> 2016</b>		
<b><u>Morning session</u></b>	<b>LECTURES</b>	
08:45 – 09:00	Opening words by local organizer: Peruvian University <i>Dr. Hugo Gonzales (PE)</i>	
<b>Understanding Fertility</b>	<b>Chairmen: Prof Luisa Echevarría &amp; Sergio Romero</b>	
09:00 – 09:45	<i>Understanding vitro follicular development in large animal species</i> <i>by Dr. José Ricardo de Figueiredo (BR)</i>	
09:45 – 10:30	<i>Understanding implantation in mammals</i> <i>by Dr. Bruce Murphy (CA)</i>	
10:30 – 11:15	<b>Coffee break &amp; Poster Viewing</b>	
<b>Fertility Models</b>	<b>Chairmen: Profs Bruce Murphy &amp; Johan Smitz</b>	
11:15 – 12:00	<i>The Primate as an experimental model in ART</i> <i>by Dr. Mary Zelinski (USA)</i>	
12:00 – 12:45	<i>Recent insights in Andean camelid fertility</i> <i>by Luisa Echevarría (PE)</i>	
12:45 – 13:30	<i>External effects on human fertility</i> <i>by Dr Carlos Plancha (PT)</i>	
13:30 – 15:00	<b>Walking Lunch &amp; Poster Viewing</b>	
<b><u>Afternoon session</u></b>	<b>Hands-on : FERTILITY TESTING</b>	
15:00 – 16:30	<i>Sperm selection</i> <i>by Dr. Carlos Plancha (PT)</i>	<i>Ovarian tissue cryopreservation</i> <i>by Dr. Sergio Romero (PE)</i>
16:30 – 18:00	<i>Assessing DNA fragmentation in sperm</i> <i>by Biol. Jhon Troya (PE)</i>	<i>Ovarian follicle isolation and culture in large animal species</i> <i>by Dr. José Ricardo de Figueiredo (BR)</i>

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**The MEETING is divided in 2 parts:**

- A: 1½-days clinical workshop
- B: 1-day Workshop on basic reproduction topics and hands-on

**Part A: 1½-days Clinical Workshop :**

**Target Audience**

Embryologists, biologists, geneticists, medical technologists, obstetrician-gynecologists, medical oncologists, nurses, psychologists, professionals and students linked to ART and interested in the field of assisted reproduction.

**AIM :**

- Provide and exchange knowledge on assisted human reproduction, focusing mainly on the preservation of fertility and Oncofertility
- Provide new approaches in the field, and promote better performance of clinical activities and research expertise for the benefit of the patient.

At the end of the course, participants will have knowledge on:

1. The efficiency, safety and advantages of using the hormones in assisted reproduction.
2. The current state of the art in fertility preservation
3. Issues to consider in establishing a network of fertility preservation in South America.
4. The available techniques and potential to preserve and restore fertility in cancer patients.
5. The basic aspects to consider when offering fertility preservation to cancer patients within Peru

Format : 25 min lecture, 5 min commentary , 10 to 15 min debate .  
Simultaneous Translation to Spanish and English

**Course coordinators:**

Sergio Romero PhD. (CEFRA/BIOMER)  
Prof Johan Smitz PhD (Brussels Free University)

**ABSTRACT SUBMISSION:** Format 1 A4. To be sent (e-mailed) to [sromerol77@hotmail.com](mailto:sromerol77@hotmail.com). Deadline March 25<sup>th</sup>.

**Registration fee:** \$225 USD

**Venue:**

Business Tower Hotel - BTH Convention Center", Lima.

A certificate of participation will be handed over to registrants following the entire course

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## **Part B: 1-Day Academic workshop:**

### **Target Audience**

Specialists in the area of assisted human reproduction, researchers, biologists, geneticists, embryologists, veterinarians, professionals and under or post graduate students linked to and interested in the field of reproduction

### **AIM :**

- Provide and exchange current knowledge of basic biological aspects of reproduction and assisted reproduction in animals
- Promote better performance of research activities in the area.

At the end of the course, participants will have learned about:

1. The basics of ovarian follicular development in-vitro in older animals
2. The basics of implantation in mammals
3. Infertility in camelids
4. The use of primates as experimental model in assisted reproduction
5. Isolation, culture and cryopreservation of ovarian follicles and tissue in animals
6. Patterns of sperm selection

Format : 25 min lecture, 5 min commentary , 10 to 15 min debate .  
Simultaneous Translation to Spanish and English

### **Course coordinators:**

Sergio Romero PhD. (CEFRA/BIOMER)  
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**ABSTRACT SUBMISSION:** Format 1 A4. To be sent (e-mailed) to [sromerol77@hotmail.com](mailto:sromerol77@hotmail.com). Deadline March 25<sup>th</sup>.

### **Registration fee:**

### **Venue:**

Facultad de Ciencias Biológicas (Universidad Ricardo Palma)

A certificate of participation will be handed over to registrants following the entire course

### **Organized by:**

Prof. Dr. Johan Smitz (UZBRUSSEL / VUB)  
Sergio Romero, PhD (CEFRA/BIOMER).  
Flor Sánchez, PhD (BIOMER).

### **Further Information:**

Academic workshop:  
Sergio Romero: [sromerol77@hotmail.com](mailto:sromerol77@hotmail.com)

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