

1<sup>st</sup> ICGR-GnRH  
CONGRESS

# ICGR-IV Modena 2017

International Conference  
on Gonadotropins and Receptors

## 12<sup>th</sup> International Symposium on GnRH

The hypothalamic-pituitary-gonadal  
axis in cancer and reproduction

**MODENA - ITALY 2017**

20<sup>th</sup> - 23<sup>rd</sup> September

Complesso S. Geminiano  
Via S. Geminiano, 3



**PRELIMINARY PROGRAM**

## Scientific Committee

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## Local Organizing Committee

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Daniele Santi

**Information, registration and abstracts:** [www.icgr2017.com](http://www.icgr2017.com)

**Abstracts deadline:** 15<sup>th</sup> June 2017

### Location:

**Complesso S. Geminiano  
Via S. Geminiano, 3 - Modena**

This is an old monastery, currently the seat of Juristic Faculty of the University with lecture rooms. Located in the city center, at 200 mt from the medieval cathedral and Piazza Grande.

### How to reach Modena:

Airport: International Airport Guglielmo Marconi Bologna (BLQ) ([www.bologna-airport.it](http://www.bologna-airport.it)), 35 Km from Modena.

Train connections to Modena every 20 min, bus connection every two hours.

# ICGR-IV 2017 and 12<sup>th</sup> GnRH Symposium Modena, Italy, 20-23 September 2017

## Program

### Wednesday, 20 September 2017

14.00 Registration

16.00 Opening Address

#### **16.15 INAUGURAL SYMPOSIUM: HAPPY BIRTHDAY BRUNO LUNENFELD!**

Control of Kiss I neurons by microRNAs: Implications for puberty - *tbc*

The European Young Endocrine Scientists (EYES) Lecture:

New aspect of gonadotropins' combination in assisted reproduction - *Daniele SANTI (Modena, IT)*

#### **17.45 "BERNARD ZONDEK" INAUGURAL PLENARY LECTURE**

The control of ovarian cycle from "Prolan A" to "KNDy neurons"

*Bruno Lunenfeld (Ramat Gan, IL)*

18.45 Welcome cocktail

## Thursday, 21 September 2017

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### **09.00 SYMPOSIUM I – NEW ASPECTS ON GONADOTROPIC FUNCTION I**

Development of GnRH-secreting neurons from human pluripotent stem cells - *tbc*

Circadian regulation of gonadotropin receptors in female reproduction - *tbc*

Anti-FSH antibodies for cell signaling studies - *Rajan R. DIGHE (Bangalore, IN)*

### **09.45 PLENARY LECTURE II**

The P. Michael CONN Memorial Lecture

GnRHR-mediated signaling - *Craig McARDLE (Bristol, UK)*

*11.15 Break and poster session*

### **11.30 ORAL COMMUNICATION I - 4 SHORT TALKS**

*12.30 Lunch*

### **13.30 ORAL COMMUNICATION II - 4 SHORT TALKS**

### **14.30 SYMPOSIUM II - GONADOTROPIN SIGNALING**

Deciphering genetic co-founders of the FSH and LH Signaling Network - *Joerg GROMOLL (Muenster, DE)*

Gs $\alpha$ -cAMP-linked disorders: current view and open issues - *Giovanna MANTOVANI (Milan, IT)*

Persistent cAMP Signaling by Internalized LH Receptors in Ovarian Follicles

*Davide CALEBIRO (Wurzburg, DE)*

16.00 *Break and poster session*

**16.15 SYMPOSIUM III – BIASED SIGNALING AND DI/OLIGOMERIZATION**

GPCR transactivation and di/oligomerization in mice models - *Adolfo RIVERO-MULLER (Turku, FI)*

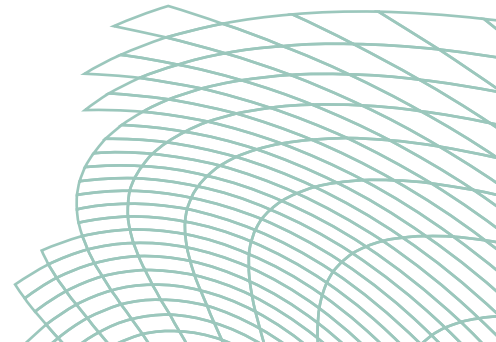
Differences between LH- and hCG-mediated signaling - *Livio CASARINI (Modena, IT)*

$\beta$ -arrestins/G protein and biased signaling - *Eric REITER (Nouzilly, FR)*

**17.45 PLENARY LECTURE III**

Update on glycosylation in FSH-FSHR interaction and signaling - *tbc*

20.00 Social Dinner



## Friday, 22 September 2017

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### **09.00 SYMPOSIUM IV - PUBERTY AND MINI-PUBERTY**

Mini-puberty and hypogonadotropic hypogonadism - *tbc*

Genetics of precocious puberty - *Ursula KAISER (Boston, USA)*

Genetics of delayed puberty - *tbc*

### **09.45 PLENARY LECTURE IV**

GPCR crystallization - *tbc*

*11.15 Break and poster session*

### **11.30 ORAL COMMUNICATION III - 4 SHORT TALKS**

*12.30 Lunch*

### **13.30 ORAL COMMUNICATION IV - 4 SHORT TALKS**

### **14.30 SYMPOSIUM V – TRANSGENIC MODELS OF GONADOTROPIN ACTION**

Genetic mice models of LH receptor - *Prema NARAYAN (Carbondale, USA)*

Gonadotropin signaling in zebra fish - *tbc*

Transgenic models of gonadotropin action - *tbc*

*16.00 Break and poster session*

## **16.15 SYMPOSIUM VI – EXPANDING TARGETS OF FSH ACTION**

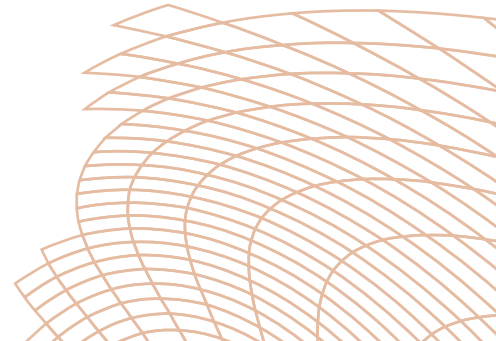
Novel FSH signaling mechanisms in PCOS - *tbc*

Extragenital FSH action revisited - *Nafis RAHMAN (Turku, FI)*

Spermatogenesis without testosterone; novel functions of FSH - *tbc*

## **17.45 PLENARY LECTURE V**

Follitropin Alpha, Beta, Delta and FSH biosimilars: do structural differences affect biological function and clinical effect? - *James A. DIAS (Albany, USA)*



**Saturday, 23 September 2017**

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**09.00 SYMPOSIUM VII – GONADOTROPIN RECEPTORS AS MODELS OF GPCR ACTION**

Gonadotropin receptor trafficking and signaling - *Aylin C. HANYALOGLU (London, UK)*

In silico analyses of GPCR functions - *Francesca FANELLI (Modena, IT)*

Postranslational regulation of gonadotropin receptors trafficking - *Alfredo ULLOA-AGUIRRE (Mexico City, MX)*

*10.30 Break*

**10.45 SYMPOSIUM VIII – NOVEL REGULATORY MECHANISMS OF THE REPRODUCTIVE BRAIN**

Control of GnRH neurons by microRNAs - *tbc*

Epigenetics and the control of the reproductive brain - *tbc*

Development of neurons controlling fertility; novel role of AMH - *Paolo Giacobini (Lille, FR)*

12.15 Closing ceremony





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