

**27 September 2024 (CME)**  
Maranello, Modena . Italy

International Workshop  
**How to master gonadotrophins  
in folliculogenesis:**

LH - FSH adjustment to optimize ovarian response

Chairs: Prof L. Casarini, Prof A. La Marca

## Overview

Folliculogenesis, the process of producing a fertilizable oocyte, has been explored and studied extensively in the past few decades. Although processes regulating the early stages of follicular development are key determinants to optimize oocyte yield, they are less explored and discussed. Therefore, there are no optimized and definitive therapies for overcoming the suboptimal ovarian response. This meeting is focused on factors/mechanisms affecting the early stages of folliculogenesis. These include the potential effects of follicle-stimulating hormone (FSH), luteinizing hormone (LH), sex steroids, anti-Müllerian hormone (AMH), and intraovarian signaling pathways on the early stages of follicle development. Discussing the latest discoveries in this field may eventually lead to improvements in Medically Assisted Reproduction (MAR) treatment for patients with ovarian-related infertility.

## Learning Objectives

After participating in this workshop and related activities, participants will be able to:

- Appraise the different components of ovarian stimulation regimens
- Assess which ovarian stimulation regimens are appropriate for specific patient types
- Select ovarian stimulation regimens and individualize adjustments, based on scientific evidence

## Target Audience

Clinicians working in MAR globally. As materials will be online for 12 months following the workshops, participants from other regions and different healthcare disciplines can view these activities.

Health care specialists working in ART and in infertility treatment development, particularly Academic scholars/researchers, clinicians, andrologists, embryologists, other scientists, managers, and specialist nurses who want to remain up-to-date about advanced techniques, scientific innovations, and best practices using evidence-based models of care delivery.

Biologist	Biologist
Psychologist	Psychoterapy; Psychology
Surgeon	Endocrinology; Gynaecology and Obstetrics; Urology
Nurse	Nurse
Ostetric	Ostetrician

## Language

The official language of the activity will be **English**.

## Continuing Medical Education Accreditation

“The International Workshop – How To Master Gonadotrophins In Folliculogenesis: LH – FSH adjustment to optimize ovarian response, hybrid event, Italy 27/09/2024 – 27/09/2024, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 5.5 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.”

“Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found here.

“Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC@s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.” Information regarding the conversion of EACCME® credits Credit will be converted based on one (1) hour of participation equalling one credit for all activities. Physicians wishing to convert EACCME® credits to AMA PRA Category 1 Credit® will be required to access the AMA website at to obtain the necessary paperwork and instructions. Physicians and other health care professionals will be required to pay a processing fee to the AMA.

For other countries, please contact the relevant national/regional accreditation authority.



This programme has been submitted for **CME accreditation** from the Italian Ministry of Health.

**Event no.:** 421486 Ed. 1

**Crediti ECM:** 6

This **CME event** is subject to **AIFA** filing pursuant to and for the purposes of art. 124 of D.L. 219/06

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## Venue

**Hotel Maranello Palace**  
Via Grizzaga, 71  
41053 Maranello MO, Italy  
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## Registration Fees

**STANDARD FEE** – € 200,00 (+22% VAT)  
**REDUCED FEE** – Members of medical societies\* – €140,00 (+22%VAT)  
**REDUCED FEE** – Members of Italian Medical Societies\* – €80,00 (+22%VAT)  
**REDUCED FEE** – Low income countries – €60,00 (+22%VAT)  
**FREE REGISTRATION FEE** – Residents and fellows and training

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## Registration Fees includes

- Certificate of attendance and CME certificate
- Access to all scientific sessions
- Welcome letter, Conference kit, name badge, scientific program (QR Code)
- Coffee breaks
- Lunch Break

## CHAIRS

### Livio Casarini

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## FACULTY

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## INTERNATIONAL COMMITTEE

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**SAMERE**



# Scientific Programme

27 September 2024 (Central Europe Summer Time) Modena, Italy

## 09.30 Welcome, introduction and objectives to the workshop

Antonio La Marca, Italy; Livio Casarini, Italy

## SESSION I: New insights from basic science

Chairs: Stine Gry Kristensen, Denmark; Antonio La Marca, Italy

### 09.50 L1 Quiescence and awakening of ovarian follicles

Francesca Gioia Klinger, Italy

### 10.15 L2 From AMH to androgens: role of paracrine hormones in the

maturation of pre-antral follicles

Nathalie Di Clemente, France

### 10.40 Discussion

Nathalie Di Clemente, France; Francesca Gioia Klinger, Italy

### 11.10 Coffee break

## SESSION II: What clinical evidence is telling us

Chairs: Livio Casarini, Italy; Francesca G. Klinger, Italy

### 11.30 L3 State-of-the art on actual approaches to couple human

infertility

Baris Ata, United Arab Emirates

### 11.55 L4 What drugs should we use for ovarian stimulation: a simple

guide for clinicians

Carlo Alviggi, Italy

### 12.20 Discussion

Carlo Alviggi, Italy; Baris Ata, United Arab Emirates

### 13.00 Lunch

## SESSION III: New insights on folliculogenesis and ovarian functions

Chairs: Carlo Alviggi, Italy; Baris Ata, United Arab Emirates

### 14.00 L5 Androgens for pre-treatment of poor-responder women

Renato Fanchin, France

### 14.25 L6 What are the clinical evidence showing some effects of

gonadotropins on early stages of folliculogenesis?

Antonio La Marca, Italy

### 14.50 Discussion

Renato Fanchin, France; Antonio La Marca, Italy

### 15.15 Coffee break

## SESSION IV: Future perspectives for ovarian treatments

Chairs: Livio Casarini, Italy; Antonio La Marca, Italy

### 15.35 L7 New advances in ovarian stimulation

Baris Ata, United Arab Emirates

### 16.00 L8 Ovarian tissue transplantation as a model to study ovarian

activity

Stine Gry Kristensen, Denmark

### 16.25 Discussion

Baris Ata, United Arab Emirates; Stine Gry Kristensen, Denmark

### 16.55 Concluding remarks

Antonio La Marca, Italy; Livio Casarini, Italy

### 17.00 Completion of the CME questionnaire (ECM)

### 17.10 End of the workshop

With the support of the **University of Modena e Reggio Emilia**



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