



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DIPARTIMENTO DI SCIENZE
MEDICHE E CHIRURGICHE - DIMEC



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Endometrium

from **Physiology** to **Pathologies**

BOLOGNA

PALAZZO RE ENZO

FEBRUARY 23rd-25th, 2017

PRESIDENTS

RENATO SERACCHIOLI

ENRICO ZUPI

VALENTINO REMORGIDA



Promoted by



FONDAZIONE
INTERNAZIONALE
MENARINI

Menarini Foundation
Symposia N. 320

The endometrium is at the heart of the female genital system. The menstrual flow, distinctive to the primates, has timed the daily lives of humanity for centuries. The unique cyclic change of human endometrial cells are controlled by the harmonious interaction between hypothalamus, pituitary gland and ovaries, thus making the endometrium proliferate, differentiate, exfoliate and then reproduce. Since the sixties, our knowledge on endometrial physiology coupled to biochemical discoveries has allowed the opportunity to modulate and control endometrial changes.

Disorders of human endometrium and menstrual cycle are major causes of morbidity in women. In addition, the treatment of such conditions presents an enormous clinical challenge, especially since some of the treatments used can themselves result in further menstrual and hormonal complications.

The aim of this congress is provide in-depth review of current knowledge of the endometrial physiology pathophysiology, investigations, and treatment of endometrial disorders. The emphasis of this particular scientific meeting is not only on the theoretical, but also on the practical aspects in the management of these common clinical conditions. World-leading experts will outline menstruation from physiological and pathological perspectives, wishing to improve knowledge of gynecologists and family practitioners of this utmost important gynecological key player.

Bologna is a town with a historical cultural tradition of hospitality and openness to people. The University of Bologna is the oldest of the Western World and one of the largest in Italy. We hope that our guests will benefit from scientific content of the meeting, and have a chance to enjoy Bologna culture.

We look forwards to welcoming you to Bologna



Under the Auspices of



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ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



Comune di Bologna



SIGO
SOCIETÀ ITALIANA
DI GINECOLOGIA E OSTETRICIA



CHAIRMAN OF THE MEETING

Renato Seracchioli

CO-CHAIRMEN

Errico Zupi

Valentino Remorgida

**HONORARY PRESIDENT
OF THE MEETING**

Stefano Venturoli

PROMOTED BY

Fondazione Internazionale Menarini

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ORGANISING SECRETARIAT

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Thursday, February 23rd, 2017

SESSION 1

ENDOMETRIAL PHYSIOLOGY

Chairpersons: **Maria Cristina Meriggiola, Paolo Scollo, Pierluigi Venturini**

- 15:00-15:30** Stromal-epithelial interactions, mechanisms of migration and invasion
Paola Viganò
- 15:30-16:00** Endocrine and intracrine regulation of estrogens in the human endometrium
Andrea Romano
- 16:00-16:30** The endometrium from the neonate to the adolescent
Ivo Brosens
- 16:30-16:45** Open Discussion with the Opinion Leaders
- 16:45-17:15** *Welcome*
- 17:15-18:00** Inaugural lecture: Menstrual physiology: implications for endometrial pathology and beyond
Hilary O.D. Critchley
- 18:00** *Welcome Cocktail*



Friday, February 24th, 2017

SESSION 2

ENDOMETRIAL BLEEDING IN REPRODUCTIVE AGE

Chairpersons: **Mauro Busacca, Alberto Mattei**

- 8:30-9:00** Mechanisms of menstruation and endometrial haemostasis
Carlo Bulletti
- 9:00-9:30** Adolescent endometrial bleeding
Vincenzina Bruni
- 9:30-10:00** Bleeding and uterine myoma: mechanisms and therapeutic possibilities
Jacques Donnez
- 10:00-10:30** Bleeding during contraception therapy
Letizia Zannoni
- 10:30-10:45** Open Discussion with the Opinion Leaders
- 10:45-11:00** *Coffee break*

SESSION 3

ENDOMETRIUM RECEPTIVITY AND INFERTILITY

Chairpersons: **Andrea Borini, Nicola Colacurci**

- 11:00-11:30** Recurrent implantation failure: the role of the endometrium
Antonio Pellicer
- 11:30-12:00** The Microenvironment of Human Implantation:
Determinant of Reproductive Success
Anthony Luciano
- 12:00-12:30** Blastocyst endometrium cross-talk
Filippo Ubaldi
- 12:30-13:00** Adenomyosis and subfertility: prevalence, diagnosis,
treatment and fertility outcomes
Juan Antonio García Velasco
- 13:00-13:15** Open Discussion with the Opinion Leaders
- 13:15-14:15** *Lunch*



Friday, February 24th, 2017

SESSION 4

ENDOMETRIUM AND IMAGING

Chairpersons: Paolo Casadio, Errico Zupi

- 14:15-14:45** Terms, definitions and measurements to define endometrial and intrauterine lesions: suggestions from the International Endometrial Tumor analysis (IETA Group)
Antonia Testa, Francesca Moro
- 14:45-15:15** AUB, junctional zone and Transvaginal sonography
Caterina Exacoustos
- 15:15-15:45** AUB and Hysteroscopy
Attilio Di Spiezio Sardo
- 15:45-16:15** Endometrial morphology after treatment with selective progesterone receptor modulators
Alistair Williams
- 16:15-16:30** Open Discussion with the Opinion Leaders
- 16:30-16:45** *Coffee Break*



Friday, February 24th, 2017

SESSION 5

ENDOMETRIOSIS

Chairpersons: Massimo Candiani, Mohamed Mabrouk, Valentino Remorgida

- 16:45-17:15** Endometrial cell migration and endometriosis
Philippe Koninckx
- 17:15-17:45** Endometrium, inflammation and endometriosis
Felice Petraglia
- 17:45-18:15** The endometrium and the junctional zone myometrium in endometriosis and adenomyosis
Bruno Borghese
- 18:15-18:45** Endometrial dysfunction and pregnancy failure in women with endometriosis
Robert Taylor
- 18:45-19:00** Open Discussion with the Opinion Leaders



Saturday, February 25th, 2017

SESSION 6

ENDOMETRIAL HYPERPLASIA AND ENDOMETRIAL CANCER

Chairpersons: Fabio Ghezzi, Pantaleo Greco

- 8:30-9:00** The impact perimenopausal ovarian function upon the endometrium: pathophysiology and treatment options
Sarah Berga
- 9:00-9:30** Investigation of women with postmenopausal uterine bleeding: clinical practice recommendations
Malcom Munro
- 9:30-10:00** Factors predictive of endometrial carcinoma in patients with atypical endometrial hyperplasia on preoperative histology
Donatella Santini
- 10:00-10:30** Evidence-based medicine and prognostic factors in endometrial cancer
Pierluigi Benedetti Panici
- 10:30-10:45** Open Discussion with the Opinion Leaders
- 10:45-11:00** *Coffee break*



Saturday, February 25th, 2017

SESSION 7

ENDOMETRIAL CANCER FROM BASIC SCIENCE TO CLINICS

Chairpersons: Pier Andrea De Iaco, Mario Malzoni

- 11:00-11:30** Cancer genes and biomarker for endometrial carcinoma
Nicoletta Colombo
- 11:30-12:00** Molecular mechanisms of tamoxifen-associated endometrial cancer
Fulvio Zullo
- 12:00-12:30** Utilization of Minimally Invasive Surgery in Endometrial Cancer.
Assessment of morbidity in gynaecologic oncology laparoscopy and
identification of possible risk factors
Arnaud Wattiez
- 12:30-13:00** The roles and limitations of robotic surgery for obese endometrial cancer
patients: a common challenge in gynecologic oncology
Giovanni Scambia
- 13:00-13:15** Open Discussion with the Opinion Leaders
- 13:15-13:30** CME Questionnaire
- 13:30** Closing Remarks





FACULTY

Pierluigi Benedetti Panici, *Italy*

Sarah Berga, *United States*

Bruno Borghese, *France*

Andrea Borini, *Italy*

Ivo Brosens, *Belgium*

Vincenzina Bruni, *Italy*

Carlo Bulletti, *Italy*

Mauro Busacca, *Italy*

Massimo Candiani, *Italy*

Paolo Casadio, *Italy*

Nicola Colacurci, *Italy*

Nicoletta Colombo, *Italy*

Hilary O.D. Critchley, *United Kingdom*

Pier Andrea De Iaco, *Italy*

Attilio Di Spiezio Sardo, *Italy*

Jacques Donnez, *Belgium*

Caterina Exacoustos, *Italy*

Fabio Ghezzi, *Italy*

Pantaleo Greco, *Italy*

Philippe Koninckx, *Belgium*

Anthony Luciano, *United States*

Mohamed Mabrouk, *Italy*

Mario Malzoni, *Italy*

Alberto Mattei, *Italy*

Maria Cristina Meriggiola, *Italy*

Francesca Moro, *Italy*

Malcom Munro, *United States*

Antonio Pellicer, *Spain*

Felice Petraglia, *Italy*

Valentino Remorgida, *Italy*

Andrea Romano, *The Netherlands*

Donatella Santini, *Italy*

Giovanni Scambia, *Italy*

Paolo Scollo, *Italy*

Robert Taylor, *United States*

Antonia Testa, *Italy*

Filippo Ubaldi, *Italy*

Juan Antonio García Velasco, *Spain*

Pierluigi Venturini, *Italy*

Paola Viganò, *Italy*

Arnaud Wattiez, *France*

Alistair Williams, *United Kingdom*

Letizia Zannoni, *Italy*

Fulvio Zullo, *Italy*

Errico Zupi, *Italy*

GENERAL INFORMATION

CONGRESS VENUE

Palazzo Re Enzo

Piazza del Nettuno, 1/C - Bologna (Italy)

Phone +39 051 658 3121

REGISTRATION

The Conference is free to attend.

Please register on the website

[http://planning.it/Evento/6107/endometrium-](http://planning.it/Evento/6107/endometrium-from-physiology-to-pathologies)

[from-physiology-to-pathologies](http://planning.it/Evento/6107/endometrium-from-physiology-to-pathologies)

OFFICIAL LANGUAGE

The official language of the congress will be English.

EUROPEAN CME (ECMEC'S) ACCREDITATION

An application has been submitted for European CME (ECMEC's) credits.

CONTINUING MEDICAL EDUCATION (CME)

Planning Congressi S.r.l. is a CME provider - identification code no. 38 - and has assigned to the event no. 8 credits for Physicians for the following disciplines: Gynecologists, Endocrinologists, Oncologists.

Credits will be assigned also to: Nurses and Obstetricians.

Please be aware that for the acquisition of credits is mandatory to have attended the 100% of the whole duration of the congress and selected at least the 75% of correct answers of the CME questionnaire.

SECRETARIAT COUNTER

The Secretariat will be open at the following times:

- Thursday, February 23rd, 2017
from 12.00 a.m. to 6.00 p.m.
- Friday, February 24th, 2017
from 8.00 a.m. to 7.00 p.m.
- Saturday, February 25th, 2017
from 7.30 a.m. to 1.00 p.m.

TECHNICAL FACILITIES

Facilities will be available for computer presentations and overhead projections.

A Speakers' Ready Room with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers deliver their presentations to the Speakers' Ready Room at least one hour before the session starts.

The Speakers' Ready Room will be open at the following times:

- Thursday, February 23rd, 2017
from 12.00 a.m. to 6.00 p.m.
- Friday, February 24th, 2017
from 8.00 a.m. to 7.00 p.m.
- Saturday, February 25th, 2017
from 7.30 a.m. to 1.00 p.m.

LUNCHES AND COFFEE BREAKS

Lunches and coffee breaks will be served at the congress venue.

CERTIFICATE OF ATTENDANCE

The certificate of attendance will be available on request at the end of the Congress at the secretariat counter.

ORGANIZING SECRETARIAT

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