



ENDOMETRIOSIS &  
ADENOMYOSIS  
ASSOCIATION  
OF TURKEY  
2009

# 2<sup>ND</sup> ASIAN CONFERENCE ON ENDOMETRIOSIS

November 9-11, 2012  
Harbiye Military Museum and Culture Center  
Istanbul, Turkey



**Excellence in  
Endometriosis  
Surgery**

Venue / Date  
*Memorial Şişli Hospital /  
November 10<sup>th</sup>, 2012*  
Program Directors:  
*Gürkan Uncu - Turkey  
Jacques Donnez - Belgium*



Please visit us at: [www.ace-2012.org](http://www.ace-2012.org)

## Message from the founding members of the ACE II

Dear Colleagues,

Welcome to the Second Asian Conference on Endometriosis (ACE II) in Istanbul, Turkey. The theme of ACE II is “**Living with Endometriosis.**”

As you know, Asia is the world’s largest and the most populous continent, hosting 60 % of world’s current human population. Endometriosis is a debilitating disease with an enigmatic pathogenesis. With a prevalence of approximately 10% in women of reproductive age, endometriosis affects much more women in Asia than any other continent in the world and impacts negatively on economy and society.

Initiated by active endometriosis researchers from Turkey, China, Japan, Korea and Taiwan, it was decided to have biennial ACE meetings, with alternating meeting locations to promote research in endometriosis in Asia. It is hoped that the ACE will provide a venue for exchange of research discoveries and ideas, sharing experience, insights and perhaps data and provide a forum for better communication and understanding among scientists and clinicians in endometriosis research and patient care. Working with like-minded people in other continents, the ultimate goal of the ACE is to alleviate or even eliminate the sufferings of women crippled by endometriosis.

Organized jointly by the Endometriosis and Adenomyosis Association of Turkey and ACE Organization (ACEO) the Second Asian Conference on Endometriosis (ACE II) is being held from November 9 to 11 in Istanbul, Turkey. The subsequent ACEs are scheduled to be held in Seoul in 2014, Tokyo in 2016, and Taiwan in 2018.

We hope you have a productive meeting and an enjoyable and memorable stay in Istanbul, the only metropolis in the world that is situated on two continents, the most dynamic city, cultural, economic, and financial centre of Turkey.

Sincerely yours,

**Endometriosis & Adenomyosis Association of Turkey**

**ACE Organization (ACEO)**

# The 2<sup>nd</sup> Asian Conference on Endometriosis (ACE II)

November 9 - 11, 2012

Istanbul, Turkey

## ACE II Conference Honorary President

*Aydın Arıcı*

## ACE II Conference President

*Engin Oral*

## ACE II Scientific Program Committee

*Engin Oral, M.D., Turkey - Clinic Program*

**E- mail : eoral@superonline.com**

*Sun-Wei Guo, PhD., China - Basic Program*

**E-mail: hoxa10@gmail.com**

## ACE II Organization Committee

*Engin Oral, Turkey*

*Sun-Wei Guo, China*

*Tasuku Harada, Japan*

*Young Min Choi, South Korea*

*Shaw-Jeng Tsai, Taiwan*

## ACE II Local Organization Committee

*Engin Oral (President)*

*Murat Api*

*Aydın Arıcı*

*Mustafa Bahçeci*

*Kutay Biberoğlu*

*Bülent Berker*

*Önder Çelik*

*Recai Pabuçcu*

*Gürkan Uncu*

*Cihat Ünlü*

*Hulusi Zeyneloğlu*

## INTERNATIONAL FACULTY

<i>Orhan Bükülmez</i>	U.S.A.	<i>Lucia Lazzeri</i>	Italy
<i>Young Min Choi</i>	South Korea	<i>Stefano Luisi</i>	Italy
<i>Jacques Donnez</i>	Belgium	<i>Ludovico Muzii</i>	Italy
<i>Ian Fraser</i>	Australia	<i>Ertan Sarıdoğan</i>	United Kingdom
<i>Sun-Wei Guo</i>	China	<i>Thomas Strowitzki</i>	Germany
<i>Tasuku Harada</i>	Japan	<i>Hans-Rudolf Tinneberg</i>	Germany
<i>Lone Hummelshoj</i>	United Kingdom	<i>Shaw-Jeng Tsai</i>	Taiwan

# SCIENTIFIC PROGRAM

## MAIN PROGRAM

November 9<sup>th</sup>, 2012 - Friday  
Harbiye Military Museum and Culture Center

## LIVE WEBINAR BROADCAST



Sponsored by



Bayer HealthCare

09:00 - 09:40

### KEYNOTE LECTURE

**Session Chair: Gürkan Uncu**

09:00 - 09:30

The ovarian endometrioma: When is surgery necessary? When is surgery harmful?

**Ludovico Muzii**

09:30 - 09:40

Discussion

09:40 - 11:10

### ENDOMETRIOSIS: CLINICAL - I

**Session Chairs: Erol Tavmergen, Ulun Uluğ**

09:40 - 10:00

Prevention of endometriosis: Is it possible?

**Kutay Biberöğlü**

10:00 - 10:20

Management of endometriosis in teenagers: Should surgery be avoided at all costs?

**Ertan Saridoğan**

10:20 - 10:40

Serum markers for the non-invasive diagnosis of endometriosis

**Stefano Luisi**

10:40 - 11:00

What is the problem with the current classification system and how can we improve it?

**Hikmet Hassa**

11:00 - 11:10

Discussion

11:10 - 11:30

### Coffee Break

11:30 - 13:00

### ENDOMETRIOSIS: PAIN

**Session Chairs: Faruk Buyru, Vedat Atay**

11:30 - 11:50

Molecular mechanisms underlying endometriosis-associated pain

**Sun-Wei Guo**

11:50 - 12:10

Nerve fibres in endometriosis: What is their importance?

**Ian Fraser**

12:10 - 12:30

Aromatase and endometriosis: Myth or reality

**Erkut Attar**

12:30 - 12:50

Surgery for endometriosis related pain

**Murat Api**

12:50 - 13:00

Discussion

13:00 - 14:00

### Lunch

14:00 - 15:30

### ENDOMETRIOSIS: NEW MEDICAL TREATMENT

(Sponsored by Bayer Healthcare)

**Session Chairs: Engin Oral, Altay Gezer**

14:00 - 14:20

Progestin therapy in endometriosis

**Stefano Luisi**

14:20 - 14:40

Dienogest: A new progestin for the treatment of endometriosis

**Tasuku Harada**

14:40 - 15:00

Clinical experience with dienogest in the medical treatment of endometriosis

**Hans-Rudolf Tinneberg**

15:00 - 15:20

Safety profile of dienogest in the treatment of endometriosis

**Thomas Strowitzki**

15:20 - 15:30

Discussion

**15:30 - 16:00**

**Coffee Break**

**16:00 - 17:30**

**ENDOMETRIOSIS: SURGERY**

**Session Chairs: Cihat Ünlü, Yakup Kumtepe**

16:00 - 16:20

Ultrasound before surgical approach for DIE

**Lucia Lazzeri**

16:20 - 16:40

Pearls and pitfalls in surgery for the endometrioma

**Ludovico Muzii**

16:40 - 17:00

Surgical options in deep infiltrating endometriosis involving the rectum

**Hans-Rudolf Tinneberg**

17:00 - 17:20

Deep endometriosis: A good indication for robotic surgery

**Ahmet Göçmen**

17:20 - 17:30

Discussion

## WORKSHOP PROGRAM

**November 10<sup>th</sup>, 2012 - Saturday**  
**“Excellence in Endometriosis Surgery”**  
**Memorial Şişli Hospital**

*Program Chairs: Gürkan Uncu, Jacques Donnez*

**08:30 - 10:30**

**LIVE SURGERY** (Jacques Donnez, Yücel Karaman, Gürkan Uncu, Bülent Urman)

**10:30 - 11:00**

**Coffee Break**

**11:00 - 13:00**

**LECTURES**

11:00 - 11:20

Excision of endometrioma: Tips and tricks

**Yücel Karaman**

11:20 - 11:40

Ovarian reserve and ovarian endometriosis: The role of surgery

**Jacques Donnez**

11:40 - 12:00

Early stage peritoneal endometriosis: Cauterization and/or excision

**Gürkan Uncu**

12:00 - 12:20

Recurrent endometriosis: The role of surgery

**Bülent Urman**

12:20 - 12:40

Recto vaginal endometriosis: A challenge for the gynaecologist

**Jacques Donnez**

12:40 - 13:00

Discussion

**13:00 - 14:00**

**Lunch**

**14:00 - 16:30**

**LIVE SURGERY** (Jacques Donnez, Yücel Karaman, Gürkan Uncu, Bülent Urman)

**16:30 - 17:30**

**Summary of the day: What we learned today?**

## MAIN PROGRAM

November 10<sup>th</sup>, 2012 - Saturday  
Harbiye Military Museum and Culture Center

09:30 - 11:00

### ENDOMETRIOSIS: BASIC SCIENCE - I

*Session Chairs: Sertaç Bataoğlu, Tevfik Yoldemir*

09:30 - 09:50

Regulatory T-cells and other leukocytes in the pathogenesis of endometriosis

**Ian Fraser**

09:50 - 10:10

Epigenetics and endometriosis

**Shaw-Jeng Tsai**

10:10 - 10:30

Why the drug research and development is like "waiting for Godot"?

**Sun-Wei Guo**

10:30 - 10:50

Endometriosis, inflammation and nuclear receptors

**Orhan Bükülmez**

10:50 - 11:00

Discussion

11:00 - 11:30

### Coffee Break

11:30 - 13:00

### ENDOMETRIOSIS: BASIC SCIENCE - II

*Session Chairs: Ömür Taşkın, Önder Çelik*

11:30 - 11:50

Genetics of endometriosis

**Young Min Choi**

11:50 - 12:10

Role of apoptosis in endometriosis

**Tasuku Harada**

12:10 - 12:30

Effect of microenvironment on endometriosis pathogenesis

**Shaw-Jeng Tsai**

12:30 - 12:50

Stem cells in endometrium and in endometriosis

**Murat Ulukuş**

12:50 - 13:00

Discussion

13:00 - 14:15

### LUNCH - ENDOMETRIOSIS RESEARCH IN TURKEY

*Session Chair: Banu Kumbak Aygün*

13:00 - 13:15

Prospective assesment of the impact of laparoscopic excision of endometrioma on ovarian reserve; gentle surgery can benefit the ovary

**Barış Ata**

13:15 - 13:30

The effects of letrozole and melatonin on surgically induced endometriosis in a rat model: A preliminary study

**Gazi Yıldırım**

13:30 - 13:45

The effect of laparoscopic ovarian cystectomy versus coagulation in bilateral endometriomas on ovarian reserve as determined by antral follicle count and ovarian volume: A prospective randomized study

**Turgut Var**

13:45 - 14:00

Comparison of aromatase inhibitor (letrozole) and immunomodulators (infiximab and etanercept) on the regression of endometriotic implants in a rat model

**Seyit Temel Ceyhan**

14:00 - 14:15

Discussion



14:15 - 17:00

## ORAL ABSTRACT PRESENTATIONS

*Session Chair: Tayfun Bağış*

14:15 - 14:30

**Oral 01** *Ref. No: 113*

Genome-wide profiling of DNA methylation in endometriotic cells

**Masao Izawa**

14:30 - 14:45

**Oral 02** *Ref. No: 127*

Transcriptional factor, PGC-1 $\alpha$  plays a role in local biosynthesis of estrogen in ovarian endometrioma

**Izumi Suganuma**

14:45 - 15:00

**Oral 03** *Ref. No: 134*

Epigallocatechin-3-gallate reduces myometrial infiltration, uterine hyperactivity and stress levels, and alleviate generalized hyperalgesia in mice with induced adenomyosis

**Bo Zhu**

15:00 - 15:15

**Oral 04** *Ref. No: 163*

The value of NF- $\kappa$ B inhibition in endometriosis: The old drug disulfiram may have a bright new future as a novel NF- $\kappa$ B inhibitor in endometriosis

**Önder Çelik**

15:15 - 15:30

**Oral 05** *Ref. No: 159*

TNF- $\alpha$  inhibitor improves the apoptosis and toxicity of embryo in endometriosis

**Yi Jen Chen**

15:30 - 15:45

**Coffee Break**

15:45 - 16:00

**Oral 06** *Ref. No: 160*

Atorvastatin exerts antinociceptive activity and decreases serum levels of high-sensitivity C-reactive protein and tumor necrosis factor- $\alpha$  in an experimental endometriosis model

**Yavuz Şimşek**

16:00 - 16:15

**Oral 07** *Ref. No: 121*

The impact of laparoscopic cystectomy on ovarian reserve in patients with endometrioma

**Saeed Alborzi**

16:15 - 16:30

**Oral 08** *Ref. No: 135*

Clinicopathological features of 151 cases of abdominal wall endometriosis

**Lei Yuan**

16:30 - 16:45

**Oral 09** *Ref. No: 137*

Long-term suppression of endometriosis-associated pelvic pain with sequential administration of a gonadotropin-releasing hormone agonist followed by danazol, oral contraceptives or dienogest

**Jo Kitawaki**

16:45 - 17:00

**Oral 10** *Ref. No: 139*

Clinical characteristics of 710 pre-menopausal women with adenomyosis undergone hysterectomy

**Xuelian Li**

**LIVE WEBINAR BROADCAST**



Sponsored by



**09:00 - 09:40**

**KEYNOTE LECTURE**

**Session Chair: Engin Oral**

**09:00 - 09:30**

Fertility preservation in women with ovarian endometriosis

**Jacques Donnez**

**09:30 - 09:40**

Discussion

**09:40 - 11:10**

**ENDOMETRIOSIS: INFERTILITY**

**Session Chairs: Recai Pabuçcu, Bülent Tıraş**

**09:40 - 10:00**

Endometriosis and ovarian reserve

**Orhan Bükülmez**

**10:00 - 10:20**

What is the impact of endometriosis on fertility?

**Hulusi Zeyneloğlu**

**10:20 - 10:40**

Endometrial receptivity in endometriosis

**Aydın Arıcı**

**10:40 - 11:00**

Ovarian stimulation in endometriosis women: What is the gold standard?

**Hakan Yaralı**

**11:00 - 11:10**

Discussion

**11:10 - 11:30**

**Coffee Break**

**11:30 - 13:00**

**ENDOMETRIOSIS: CLINICAL - II**

**Session Chairs: Mustafa Bahçeci, Koray Elter**

**11:30 - 11:50**

Personal and societal impact and burden of endometriosis

**Lone Hummelshoj**

**11:50 - 12:10**

What is the problem with the diagnosis of the endometriosis?

**Bülent Berker**

**12:10 - 12:30**

Adenomyosis: What is new?

**Levent Şentürk**

**12:30 - 12:50**

Extragenital endometriosis

**Ertan Sarıdoğan**

**12:50 - 13:00**

Discussion

**13:00 - 14:00**

**Lunch**

**14:00 - 16:00**

**ENDOMETRIOSIS: CLINICAL - III**

**Session Chairs: Sezai Şahmay, Bülent Gülekli**

**14:00 - 14:20**

Is endometriosis a preneoplastic condition?

**Fuat Demirkıran**

**14:20 - 14:40**

Sex and endometriosis

**Lone Hummelshoj**

**14:40 - 15:00**

Recurrence of endometriosis: Risk factors, mechanisms, and biomarkers

**Gürkan Bozdağ**

**15:00 - 15:20**

MRI diagnosis of endometriosis

**Mustafa Seçil**

**15:20 - 15:40**

Endometriosis after the menopause

**Ümit Inceboz**

**15:40 - 16:00**

Discussion and closing ceremony



## GENERAL INFORMATION

### Date and Venue

The 2<sup>nd</sup> Asian Conference on Endometriosis (ACE II) will be held between November 9 - 11, 2012 at the Harbiye Military Museum and Culture Center in Istanbul, Turkey. The Excellence in Endometriosis Surgery Workshop will be held on November 10<sup>th</sup>, 2012 at the Memorial Şişli Hospital.

### Conference Language

The conference language is English. The lectures will be presented in English. Sessions will include simultaneous English - Turkish translation.

### Accreditation for Continuing Education

The conference will be presented to the approval of Turkish Medical Association Continuing Medical Education Accreditation Board for the "Continuing Medical Education" points (STE).

### Live Webinar Broadcast

The scientific sessions on November 9<sup>th</sup> and 11<sup>th</sup> will be broadcasted as a live webinar which is free of charge. The link for the live webinar broadcast will be announced at the web site at a closer date.

### Letter of Invitation

Upon request, a letter of invitation will be sent to any registered participants. This letter will be sent solely to assist participants in obtaining leave from their institutions.

### Name Badges

Name badges must be worn through the conference to enter scientific sessions and exhibition areas.

### Certificate of Participation

Certificate of participation will be given to the all registered participants in the last day of the conference.

### Congress Web Page

A web site has been created to allow you to keep track of all announcements relating to the conference. Papers for presentation at the conference will also be collected in abstract form via **www.ace-2012.org**.

### Exhibition

A specific area has been set aside for the exhibition of the pharmaceutical and medical companies as well as book publishers.

### Cancellation Policy

For cancellation of the registration and accommodation made after **August 10<sup>th</sup>, 2012**, no refunds will be granted.

## CONTACT INFORMATION

### Scientific Secretariat



Engin Oral, M.D., Turkey

**E-mail:** eoral@superonline.com

Sun-Wei Guo, PhD., China

**E-mail:** hoxa10@gmail.com

### Organization Secretariat



**Serenas International Tourism Congress**

**Organization Services**

Şerif Ali Mahallesi Pakdil Sokak No:5

Yukari Dudullu/ÜMRANIYE/İSTANBUL/TÜRKİYE

**Phone :** +90 (216) 594 58 26

**Fax :** +90 (216) 594 57 99

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## ABSTRACT SUBMISSION

Abstract submission period is now over. All abstracts have been submitted electronically via the AbstractModule submission system at [www.ace-2012.org](http://www.ace-2012.org) web site. **An issue of the Journal of Endometriosis has been dedicated to the articles presented at the conference and all accepted abstracts of the conference will be published in this issue.**

### Abstract Evaluation

All abstracts and proceedings has been blind reviewed by the Scientific Committee. Best 10 abstracts have been selected for oral presentation and placed in the scientific program meanwhile 60 abstracts have been selected for poster presentation.

### Abstract Evaluation Committee

*Aydin Arici, M.D., Turkey*

*Kutay Biberoğlu, M.D., Turkey*

*Young Min Choi, M.D.,PhD., South Korea*

*Sun-Wei Guo, PhD., China*

*Tasuku Harada, M.D.,PhD., Japan*

*Shaw-Jeng Tsai, PhD., Taiwan*

## PRESENTATION SPECIFICATIONS

### Poster Presentations

Posters must be 70 cm wide and 90 cm high and should be designed to be legible from at least one meter away. The posters will be on display in the poster area at the conference venue and will remain hung until the end of the conference. Posters will be hung by their owners. Posters not taken down within this time period shall be removed. The conference organization shall assume no responsibility for posters damaged or lost in this process. Posters shall be affixed by sticky putty, and no other material shall be allowed. Assistance will be provided to the presenters in hanging their posters.

### Oral Presentations

Please be ready in the conference venue at the day of your presentation and do not forget to deliver your slides to the rehearsal area at least **30 minutes** before your presentation.

### When preparing your slides, please ensure that;

1. Your slides contain no more than 7 lines,
2. Each line contains no more than 6 words,
3. Slides are oriented horizontally,
4. Slides do not contain overly detailed visuals, and
5. All information must be in **English**.

## REGISTRATION INFORMATION

Registration Type	Before August 10 <sup>th</sup> , 2012	After August 10 <sup>th</sup> , 2012
Specialist	200 Euros	225 Euros
Assistant / Student	150 Euros	175 Euros
Accompanying Person / Company Representative	100 Euros	125 Euros
Excellence in Endometriosis Surgery Workshop	100 Euros	

- VAT 18% should be added on the registration fees.
- All participants and attendants must be registered. The above registration fees include scientific meetings, conference handbag, abstract book, entrance to the exhibition areas.
- In order to take advantage of discounted registration, registration fees must be deposited, and the proof of payments must be sent by e-mail or fax to the Organization Secretariat by August 10<sup>th</sup>, 2012.
- For cancellation of the registration and accommodation made after August 10<sup>th</sup>, 2012, no refunds will be granted. After October 19<sup>th</sup>, 2012, 10 € of service charge will be applied for any name changes. No changes will be accepted after November 5<sup>th</sup>, 2012.
- All cancellations will be valid if notified in writing to Serenas Tourism.
- First come, first served basis will be applied for workshop registration. All the payments for course registrations should be finalized by August 10<sup>th</sup>, 2012.

## ACCOMMODATION INFORMATION

HOTEL	Single Room	Double Room per person
Nippon Hotel	140 Euros	80 Euros

- VAT 8% should be added on the accommodation fees.
- The rates are per night on a bed and breakfast basis.

**Registration, accommodation and airport transportation payments shall be deposited to the account given below:**

Bank Name and Branch : HSBC Bank A.Ş. / Ankara Corporate Branch  
Account Name : SERENAS ULUSLARARASI TURİZM KONGRE ORGANİZASYON A.Ş.  
Swift Code : HSBCTRIX  
TL Account No : 106 / 1026671 282  
TL IBAN No : TR 5300 1230 0106 1026 6712 8200  
EURO Account No : 106 / 1026671 773  
EURO IBAN No : TR 9500 1230 0106 1026 6717 7399

