



# International IVI Congress

Reproductive  
Medicine and Beyond

## Bilbao 2017

May 11<sup>th</sup> to 13<sup>th</sup>

EUSKALDUNA JAUREGIA

## Program

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[www.ivi2017.com](http://www.ivi2017.com)

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# Welcome Letter

## Dear Friends and Colleagues,

Following the success of our six previous IVI Congresses, we are pleased to invite you to the **7<sup>th</sup> International IVI Congress** to be held in Bilbao, Spain, May 11-13, 2017.

Our aim is to continue providing top-level reproductive medicine congresses, addressing cutting edge topics in this continuously evolving field of human reproduction and offering the most reputable international speakers available.

Bilbao is the main city and capital of the province of Bizkaia, in northern Spain. Bilbao is a very accessible city, close to the sea and receives a great deal of tourism, especially due to the Guggenheim museum, an international reference point for art lovers. The cuisine and restaurant scene of Bilbao are also one of its irresistible attractions.

We very much hope you enjoy Bilbao, a fun, modern and cosmopolitan city, along with the warmth of its people.

Welcome to the 7<sup>th</sup> International IVI Congress!

**Prof. Antonio Pellicer**

**Prof. José Remohí**

Honorary Presidents

# Committee

## HONORARY PRESIDENTS

Antonio Pellicer  
José Remohí

## CONGRESS PRESIDENTS

Marcos Ferrando  
Yolanda Arteagoitia

## EXECUTIVE DIRECTOR

Antonio Requena

## SCIENTIFIC COMMITTEE

### Chairman:

Carlos Simón

### Scientific Secretary:

María Delgado

### Scientific Committee Members:

José Bellver  
Nicolás Garrido  
Juan Antonio García-Velasco  
Marcos Meseguer  
Antonio Pellicer  
José Remohí  
Antonio Requena  
Carmen Rubio

# Program Overview

Thursday, May 11 <sup>th</sup> , 2017	
12:00-14:00	REGISTRATION
	AUDITORIUM
14:00-16:00	SESSION I: Ovarian Stimulation
16:00-16:30	COFFEE BREAK
16:30-18:00	SESSION II: Ovarian Rejuvenation
18:00-18:30	DEBATE I: How do my patients get pregnancy rates over 70%?
18:30-19:15	Industry Supported Symposia
19:15-20:15	WELCOME RECEPTION

Friday, May 12 <sup>th</sup> , 2017		
	AUDITORIUM	MEETING ROOM A-1
08:00-09:30	SESSION IIIa: Surgery	SESSION IIIb: Genetics "All about aneuploidy in the human embryo"
09:30-11:00	SESSION IVa: Immunology	SESSION IVb: Cryobiology
11:00-11:30	COFFEE BREAK	
11:30-13:00	SESSION Va: Fertility Preservation	SESSION Vb: Embryology 2.0: What is next?
13:00-13:45	LUNCH	
13:45-14:30	Debate II: Should we transfer Mosaic aneuploid blastocysts?	
14:30-15:15	IVI Awards presentation	
15:15-17:15	SESSION VI: Why does not an euploid embryo implant?	
17:15-17:45	COFFEE BREAK	
17:45-18:30	DEBATE III: Should we ask for more than just a basic sperm analysis to evaluate the male?	
18:30-19:15	Industry Supported Symposia	

Saturday, May 13 <sup>th</sup> , 2017	
	AUDITORIUM
08:00-09:30	SESSION VII: Male Factor in reproduction and beyond
09:30-10:15	Industry Supported Symposia
10:15-10:45	COFFEE BREAK
10:45-12:15	SESSION VIII: Gene and cell therapy
12:15-12:45	CLOSING SESSION: KEYNOTE LECTURE Running a 100% time-lapse laboratory; how and why?

# Scientific Program

THURSDAY, MAY 11<sup>TH</sup>, 2017

## Auditorium

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14:00-16:00 **SESSION I: OVARIAN STIMULATION**  
**Chairs:** J. Bellver, Spain / E. McVeigh, U.K.

- 14:00-14:30 New strategies in poor responder management  
*W. Schoolcraft, USA*
- 14:30-15:00 Individualized medical care in ART: the path in XXI century  
*R. Scott, USA*
- 15:00-15:30 Freeze all: For some, for all or for none?  
*C. Blockeel, Belgium*
- 15:30-16:00 Ovarian Stimulation in 2017  
*N. Macklon, UK*

16:00-16:30 **COFFEE BREAK**

## Auditorium

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16:30-18:00 **SESSION II: OVARIAN REJUVENATION**  
**Chairs:** E. Labarta, Spain / E. Sedbon, France

- 16:30-17:00 Ovarian Clarity  
*A. Hsueh, USA*
- 17:00-17:30 The effect of ovarian fragmentation on follicular growth activation  
*C. Díaz-García, Spain*
- 17:30-18:00 Stem cell ovarian transplantation for follicular activation  
*A. Pellicer, Spain*

18:00-18:30 **DEBATE I: HOW DO MY PATIENTS GET PREGNANCY RATES OVER 70%?**  
**Chairs:** P. Barri, Spain / D. Galliano, Italy

*R. Scott, USA*  
*H. Fatemi, UAE*

18:30-19:15 **INDUSTRY SUPPORTED SYMPOSIA**

# Scientific Program

**FRIDAY, MAY 12<sup>TH</sup>, 2017**

**Auditorium** \_\_\_\_\_ **Parallel Session**

**08:00-09:30**    **SESSION IIIa: SURGERY**  
**Chairs:** A. Vázquez, Spain / J.L. Pouly, France / S. Bettocchi, Italy

**08:00-08:30**    Pre-IVF outpatient hysteroscopy in women with recurrent IVF implantation failure  
*T. El-Toukhy, UK*

**08:30-09:00**    Livebirths and mothers outcome after uterus transplantation  
*M. Brannström, Sweden*

**09:00-09:30**    Deep endometriosis and fertility: surgery or ART?  
*M. Malzoni, Italy*

**Meeting Room A1** \_\_\_\_\_ **Parallel Session**

**08:00-09:30**    **SESSION IIIb: GENETICS "ALL ABOUT ANEUPLOIDY IN THE HUMAN EMBRYO"**  
**Chairs:** A. Guillén, Spain / F. Bronet, Spain

**08:00-08:30**    Male contribution to embryo aneuploidies  
*L. Rodrigo, Spain*

**08:30-09:00**    Chromosome segregation in human oocytes and embryos  
*E. Hoffmann, UK*

**09:00-09:30**    From human blastulation to gastrulation  
*M. Zernicka-Goetz, UK*

**Auditorium** \_\_\_\_\_ **Parallel Session**

**09:30-11:00**    **SESSION IVa: IMMUNOLOGY**  
**Chairs:** M. Fernández, Spain / E. Muñoz, Spain

**09:30-10:00**    Maternal uterine NK cells and human reproduction  
*A. Moffett, UK*

**10:00-10:30**    Alloimmunity and ART: Application in an ovum donation program  
*D. Alecsandru, Spain*

**10:30-11:00**    What did we do wrong with the use of the immunology in Human Reproduction?  
*N. Macklon, UK*

**Meeting Room A1** \_\_\_\_\_ **Parallel Session**

**09:30-11:00**    **SESSION IVb: CRYOBIOLOGY**  
**Chairs:** J. García, Spain / M. Florensa, Spain

**09:30-10:00**    Effect of human oocyte cryopreservation on the oocyte and embryo development  
*N. De Munck, Belgium*

**10:00-10:30**    Human Sperm Freeze-drying  
*A. Arav, Israel*

**10:30-11:00**    Factors impacting the success of elective fertility preservation  
*A. Cobo, Spain*

**11:00-11:30**    **COFFEE BREAK**

**Auditorium** \_\_\_\_\_ **Parallel Session**

**11:30-13:00**    **SESSION Va: FERTILITY PRESERVATION**  
**Chairs:** M. Ferrando, Spain / A. Gorostiaga, Spain

**11:30-12:00**    Should all women freeze their eggs?  
*J.A. Garcia-Velasco, Spain*

**12:00-12:30**    Ovarian cortex preservation vs oocyte freezing: What is best today?  
*J. Domingo, Spain*

**12:30-13:00**    Fertility Preservation in children: what are the options?  
*J.V. Medrano, Spain*

## Scientific Program

### Meeting Room A1 \_\_\_\_\_ Parallel Session

- 11:30-13:00**    **SESSION Vb: EMBRYOLOGY 2.0; WHAT IS NEXT?**  
**Chairs:** Z. Larreategui, Spain / J. Aguilar, Spain
- 11:30-12:00**    Immature oocyte rescue, a real option for patients?  
*M.J. Escriba, Spain*
- 12:00-12:30**    How culture conditions affect embryo viability?  
*J. Swain, USA*
- 12:30-13:00**    Time-lapse reloaded; full automation for embryo selection and improved designs  
*M. Meseguer, Spain*

13:00-13:45    LUNCH

### Auditorium \_\_\_\_\_

- 13:45-14:30**    **DEBATE II: SHOULD WE TRANSFER MOSAIC ANEUPLOID BLASTOCYSTS?**  
**Chairs:** E. Bosch, Spain / G. Marconi, Argentina
- YES:** *F. Fiorentino, Italy*  
**NO:** *R. Scott, USA*
- 14:30-15:15**    **IVI AWARDS PRESENTATION**  
*C. Simón, Spain*
- 15:15-17:15**    **SESSION VI: WHY DOES NOT AN EUPLOID EMBRYO IMPLANT?**  
**Chairs:** R. Matorras, Spain / M. Banker, India
- 15:15-15:45**    Wrong timing. The endometrial perspective  
*C. Simón, Spain*
- 15:45-16:15**    Wrong timing. Blastocyst transfer on day 5 vs day 6  
*J. Franasiak, USA*
- 16:15-16:45**    Low energy. Mitochondrial study  
*A. Díez-Juan, Spain*
- 16:45-17:15**    Why Does an Euploid Embryo Not Implant: Lessons from Clinical Trials  
*R. Legro, USA*

17:15-17:45    COFFEE BREAK

- 17:45-18:30**    **DEBATE III: SHOULD WE ASK FOR MORE THAN JUST A BASIC SPERM ANALYSIS TO EVALUATE THE MALE?**  
**Chair:** N. Garrido, Spain
- YES:** *D. Sakkas, USA*  
**NO:** *D. Paduch, USA*

- 18:30-19:15**    **INDUSTRY SUPPORTED SYMPOSIA**



# Scientific Program

**SATURDAY, MAY 13<sup>TH</sup>, 2017**

## Auditorium

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**08:30-09:30**    **SESSION VII: MALE FACTOR IN REPRODUCTION AND BEYOND**

**Chairs:** M. Marconi, Chile / C. Balmori, Spain

**08:00-08:30**    The usefulness of using microTESE in azoospermic and ejaculated sperm in oligospermic compared to classic TESE

*S. Lujan, Spain*

**08:30-09:00**    Potential role of PGS on severe male factor

*C. Rubio, Spain*

**09:00-09:30**    Effects of male age on reproduction

*C. Niederberger, USA*

**09:30-10:15**    **INDUSTRY SUPPORTED SYMPOSIA**

**10:15-10:45**    **COFFEE BREAK**

## Auditorium

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**10:45-12:15**    **SESSION VIII: GENE AND CELL THERAPY**

**Chairs:** G. Castellón, Spain / I. Cervelló, Spain

**10:45-11:15**    Applications of TALENs and CRISPR/Cas9 in Embryos and Their Potentials for Gene Therapy

*J. C. Izpisua, USA*

**11:15-11:45**    Stem Cell Therapy of the Endometrium in Asherman's syndrome and atrophic endometrium

*X. Santamaría, Spain*

**11:45-12:15**    The Functional Reproductive Impact of the Human Endometrial Microbiome

*I. Moreno, Spain*

**12:15-12:45**    **CLOSING SESSION: KEYNOTE LECTURE: RUNNING A 100% TIME-LAPSE LABORATORY; HOW AND WHY?**

**Chairs:** N. Prados, Spain / K. Nouri, Austria

**Speaker:** N. Zaninovic, USA

# General Information

## VENUE

Palacio Euskalduna  
Avda. Abandoibarra, 4  
48011 – Bilbao (Spain)  
Tel: + 34 944 035 000  
www.euskalduna.net

## TECHNICAL SECRETARIAT

**GRUPO PACIFICO**  
The power of meeting

Paseo del General Martínez Campos, 9 – 2<sup>o</sup>  
28010 - Madrid (Spain)  
Tel: 91 383 60 00 / Fax: 91 302 39 26  
ivi2017@pacifico-meetings.com

## REGISTRATION & HOSPITALITY DESK

Registration desk is located at the entrance of the venue, on Floor -2, and it will be open at the following times:

Thursday, May 11 <sup>th</sup>	From 12:30 to 19:30
Friday, May 12 <sup>th</sup>	From 08:00 to 19:30
Saturday, May 13 <sup>th</sup>	From 08:00 to 13:00

## BADGE

A name badge will be provided on-site with your registration documents at the Technical Secretariat. Name badges must be visible and used at all times anywhere within the meeting venue, access may be denied to those not wearing the badge.

Key colors for badges:

- **Blue:** Participant
- **Red:** Speaker
- **Green:** Chair

## CERTIFICATES

- A certificate of attendance will be included in the Congress bag.
- Certificates of poster presentations can be downloaded individually from Wednesday, May 17<sup>th</sup>, on the congress website. Only posters that have been presented at the congress will be available for the certificate.

# General Information

## EACCME ACCREDITATION



### The 7<sup>th</sup> International IVI Congress organized by IVI (Instituto Valenciano de Infertilidad).

The European Accreditation Council for Continuing Medical Education (EACCME)

Event Code: 15477

Granted **18** European CME credits (ECMEC)

#### EACCME credits

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on 1 ECMEC per hour with a maximum of 3 ECMECs for half a day and 6 ECMECs for a full-day event.

- Delegates wishing to claim these credits must fill in the EACCME evaluation form (to be found in the congress APP). 80% of attendance is compulsory in order to claim the credits.
- No EACCME credits will be granted unless the evaluation form has been filled out.

## EXHIBITION AREA

- A commercial exhibition will be open during Congress hours.
- Due to local regulations, access to this area is only granted to delegates who have the legal right to prescribe medicines.

## FOOD & BEVERAGE

- Coffees will be served at the exhibition area according to the schedule published on the program.
 

Thursday, May 11 <sup>th</sup>	From 16:00 to 16:30
Friday, May 12 <sup>th</sup>	From 11:00 to 11:30 and from 17:15 to 17:45
Saturday, May 13 <sup>th</sup>	From 10:15 to 10:45
- Lunch will be served at the exhibition area on Friday, May 12<sup>th</sup> from 13:00 to 13:45
- On Thursday, May 11<sup>th</sup> at 19:15, once the sessions have been finished, a **cocktail** will be offered to all participants and exhibitors at the exhibition area.

## LANGUAGE & SIMULTANEOUS TRANSLATION

- English is the official language for the "7<sup>th</sup> International IVI Congress".
- Simultaneous translation will be available in Spanish.
- An ID will be requested for receivers delivery. Your ID will be given back once the receiver has been returned at the end of the sessions.

## LIABILITY

Upon registration, participants agree that neither the Organizing Committee nor the Technical Secretariat assume any liability. Participants should, therefore, arrange their own health and travel insurance.

## General Information

### MOBILE PHONES

Delegates are kindly requested to keep their mobile phones in the off position in the rooms where scientific and educational sessions are being held.

### POSTERS ABSTRACTS DISPLAY

- Posters should be mounted on the assigned board at the Poster display area on Thursday, May 11<sup>th</sup>, from 14:00 hours onwards, and should be dismantled on May 13<sup>th</sup> from 12:00 to 13:00 hours.
- Posters after 13:00 will be disposed. The Organization is not responsible for posters that are not removed on time.
- Presenters must be registered in order to be allowed to display their posters.
- Certificates of poster presentations can be downloaded individually from Wednesday, May 17<sup>th</sup>, on the congress website. Only posters that have been presented at the congress will be available for the certificate.

### SAFETY & SECURITY

Please do not leave any bags or other personal belongings unattended at any time, whether inside or outside the session halls and exhibition area.

### SANITARY INTEREST

The meeting has been declared of Sanitary Interest by the Ministry of Health, Social Services & Equality.

### SMOKING POLICY

The meeting is a non-smoking event. Participants are kindly requested not to smoke in the meeting venue, including the exhibition & posters area.

### SPEAKERS' ROOM

- Speakers and chairpersons will have free access to a speakers room located in the meeting room D-3, on floor -1. This room will be equipped with computers in case you need to check or make any change in your presentation.
- Presentations should be brought in a CD or USB memory to be handed out to the technician. Please deliver your presentation at least 2 hours before the session, or in case of early morning sessions, the day before during the congress times if your session starts before 10.30 am.
- Presentations including any video must be accompanied with the software needed to visualize it. Please check with the technician that the presentation is working properly in the congress computer system.

### WIFI

WIFI internet connection will be available in the congress area free of charge.

# Sustainable Congress

## SUSTAINABILITY PLAN 7<sup>th</sup> INTERNATIONAL IVI CONGRESS

In the last editions of the International IVI Congress, the content of the conference has been carefully chosen to promote the initiatives and projects developed by the IVI Foundation, through actions linked to sustainability and CSR.

To enhance such commitment, we have developed a Sustainability Plan as part of the organisation of the 7<sup>th</sup> International IVI Congress, with the overall objective of fostering a culture committed and focused on sustainability, which will, little by little, spread beyond every process and action within the company.

In developing the sustainability strategy for the 7<sup>th</sup> International IVI Congress, where the Sustainability Plan is one of its key pillars, we have considered feedback from the Special Interest Groups formed by: healthcare professionals and members of companies and other entities participating, members of the scientific community and speakers, product and service providers, IVI staff, NGOs and other groups beneficiaries of the actions within the IVI CSR, as well as public administrations and other entities involved with the conference event.

The Sustainability Plan integrates specific deadlines, which are based on six social and environmental aspects:

- Consumption and use of resources and other goods
- Energy management, mobility and climate change
- Inclusiveness, equality and accessibility
- Food and drink consumption
- Waste management
- Efficient water use

Both the Sustainability Strategy and Action Plan of the 7<sup>th</sup> International IVI Congress will involve the Marketing and Communication Departments, which will focus on the 3 key areas:

- The dissemination of the proposed actions in order to promote the participation of the special interest groups.
- Communicate the commitment and effort of IVI, including the positive impact that it will have.
- Help expand the culture of sustainability.

*Further information on the Sustainability Action Plan of the 7<sup>th</sup> International IVI is available at the congress website [www.ivi2017.com](http://www.ivi2017.com)*



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