

# **XVII** International Microsurgery / 2018 Symposium

**Congreso Nacional  
Microcirugía AEM**



**SEVILLA, 7 - 10 NOVEMBER 2018**

[www.microcirugia.org](http://www.microcirugia.org)

**Chair Local Organizing Committee**  
Dr. Miguel Ángel Toledo Romero

**Chair Scientific Committee**  
Dr. Àlex Muset i Lara



### Dates

7-10 november 2018

### Venue

Meliá Lebreros  
Calle Luis de Morales, 2, 41018 Sevilla




### Website

[www.microcirugia.org](http://www.microcirugia.org)  
[www.congresos-aem.com](http://www.congresos-aem.com)

### Registration fees

	Before September 10th	After September 10th
Members	480€	500€
Non-members	500€	520€
Trainee	400€	420€
Faculty	350€	350€

VAT included

 **AEM Prize: Best Abstract presented at the XVII International Microsurgery Symposium**  
Magnification loupes OPTIMEDIC



### Technical Secretariat

TORRES PARDO  
Laura Pascual  
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Dear friends and colleagues,

I am proud and honoured to announce the 17th Congress of the Spanish Microsurgery Association – International Microsurgery Symposium, which will take place in Seville from the 7th to the 10th of November.

We are fortunate to count with the invaluable collaboration of many colleagues from our association and many other associations abroad, contributing in this way to an international outlook in the field of microsurgical solutions to different current problems.

Organizing this congress and the international symposium, our aim is to revitalize our society, calling on the professional interest of young professionals for them to contribute value to our society.

We are also happy to hail the city of Seville, on the 4th centenary of Murillo and holding the First Anthological Exhibition of Murillo, taking place in the Fine Arts Museum of Seville, coordinated by the Culture Office of the Regional Government of Andalusia. The exhibition gathers 60 paintings lent by institutions from Spain, Germany, Austria, France, United Kingdom, Italy and Portugal. The exhibition is aimed at becoming a significant cultural event that will contribute to a better understanding of the artist. Murillo is an extremely popular artist and a reference of baroque painting.

And, finally, let me add that Seville has been chosen top destination in the Lonely Planet Top Cities Best in travel 2018 ranking.

I hope you enjoy the Congress and the City.

Welcome to Seville

**Miguel Ángel Toledo Romero**

Chair. Local Organizing Committee



Dear colleagues,

It is a pleasure to share with you a space for scientific encounter, an open and multidisciplinary Microsurgery platform. Seville is a well known city distinguished by its charm and beauty, a perfect environment for genuine interaction, to establish solid relationships and build bridges between us.

This meeting of Scientific Societies, Associations, Groups and individuals will encompass a broad thematic spectrum, presenting us with a marvellous opportunity to develop global and integrating projects.

We, from the Scientific Committee are at your disposal to help include your proposals. We offer an update on the big microsurgical topics in a symposium directed to a monographic debate on every area of interest.

**Álex Muset Lara**

Chair. Scientific Committee

### WEDNESDAY, NOVEMBER 7th

	Convenciones II	Ronda
08.00-09.00	Registration	
09.00-10.00	EFSM pre-congress	
10.00-11.00		
11.00-11.30	Coffee Break	
11.30-12.30	Peripheral Nerve I	Experimental research
12.30-13.00	Peripheral Nerve II	
13.00-13.30	Opening Ceremony	
13.30-14.30	Lunch	
14.30-16.00	Peripheral nerve III	Microsurgery education in Spain
16.00-16.30	Coffee Break	
16.30-18.30	Peripheral nerve IV	Microsurgery education in Spain
18.30-19.30	Free Papers I	

### THURSDAY, NOVEMBER 8th

	Convenciones II	Ronda
08.00-08.30	Brachial Plexus International School	Life Surgery Program for resident in AEM
08.30-09.00		
09.00-10.00	Lymphatics	Traumatic Palsy PB
10.00-11.00		
11.00-11.30	Coffee Break	
11.30-13.00	Head and Neck	Hand Reconstruction
13.00-13.30	Keynote Lecture <i>Miguel Cuadros Romero</i>	
13.30-14.30	Lunch	
14.30-16.00	Free Papers II	Secondary surgery adult BP 1
16.00-16.30	Coffee Break	
16.30-16.50	New perspectives in educational platforms	Convenciones II
16.50-17.30	Educational platform project: International Meeting group for surgery and research on brachial plexus and peripheral nerve	Convenciones II
17.30-19.00	AEM General Assembly	

FRIDAY, NOVEMBER 9th		
	Convenciones II	Ronda
08.00-09.00	Instructional course ALT Step by Step	Thoracic Outlet
09.00-10.00	Breast Reconstruction Symposium Seville 2018	Primary surgery in obstetric brachial plexus
10.00-11.00		
11.00-11.30	Coffee Break	
11.30-13.00	Breast Reconstruction Symposium Seville 2018	Obstetric Brachial Plexus (I)
13.00-13.30	Keynote Lecture <i>José R. Castelló</i>	Keynote Lecture <i>Mariano Socolovsky</i>
13.30-14.30	Lunch	
14.30-16.00	Free papers III	Obstetric Brachial Plexus (II)
16.00-16.30	Coffee Break	
16.30-17.30	Free papers IV	Obstetric Brachial Plexus (III)
17.30-18.00		
18.00-19.00		What about graft?

SATURDAY, NOVEMBER 10th		
	Convenciones II	Ronda
08.00-09.00	Hand Palliative Transfer	Brachial Plexus Tumors
09.00-11.00	Shoulder Secondary Sur- gery In OBP	Secondary OBP
11.00-11.30	Coffee Break	
11.30-13.00	Thorascapular Reconstruction	Experimental Microsurgery Research
13.30-14.30	Close Ceremony	

**WEDNESDAY, NOVEMBER 7th**

- 08:00-09:00 h Registration
- 09:00-11:00 h **EFSM Pre-Congress**  
Convenciones II Moderators: Álex Muset (Spain)  
Pierluigi Tos (Italy)
- 09:00-09:15 h **Replantation**  
Pierluigi Tos (Italy)
- 09:15-09:30 h **Toe to Hand**  
Jorge Clifton (México)
- 09:30-09:45 h **Aesthetic refinement in toe to hand in congenital**  
Rafael Reynoso (Mexico)
- 09:45-10:00 h **Role of free M5 transfers in OBP**  
Alex Muset (Spain)
- 10:00-10:15 h **Pseudo Congenital Pseudoarthrosis**  
Tarek El-Gammal (Egypt)
- 10:15-10:30 h **Pathophysiological perspective of ischemia reperfusion injury  
and its Clinical Implications**  
Alberto Ballestin (Spain)
- 10:30-10:45 h **Macro replantation in Children: the problem of growth**  
Piero Raimondi (Italy)
- 11:00-11:30 h Coffee Break



**WEDNESDAY, NOVEMBER 7th**

11:00-12:00 h

Convenciones II

**PERIPHERAL NERVE I**

Moderators: Miguel Cuadros (Spain)

Mostafa Mahmoud (Egypt)

**INTRODUCTION TOPICS**

11:00-11:10 h

**Electrophysiological diagnosis**

Patricia Navas (Spain)

11:10-11:20 h

**Clinical examination**

Rafael San Juan (Spain)

11:20-11:30 h

**Neuroma**

Miguel Cuadros (Spain)

11:30-11:40 h

**Neuromas of the upper limb**

Pedro Hernández (Spain)

11:40-11:50 h

**Neuroma management following orthopedic approaches of the upper extremity**

Mostafa Mahmoud (Egypt)

11:50-12:00 h

**Intraoperative electrophysiological records in neuromas in continuity**

Victoria Fernández (Spain)

### WEDNESDAY, NOVEMBER 7th

- 12:00-13:00 h **PERIPHERAL NERVE II**  
Convenciones II Moderators: Gregorio Martínez Villen (Spain)  
Ghassan Kadaan (Syria)
- 12:00-12:10 h **MISCELLANEOUS**  
**Digital foot neuroma**  
Carlos Rodríguez (México)
- 12:10-12:20 h **Iatrogenics injuries**  
Gregorio Martínez Villen (Spain)
- 12:20-12:30 h **High radial nerve injury: repair versus tendon transfer**  
Wael Ayad (Egypt)
- 12:30-12:40 h **Nerve war lesions**  
Ghassan Kadaan (Syria)
- 12:40-12:50 h **Simple method for minimal invasive carpal tunnel decompression**  
Jamil Eljamali (United Arab Emirates)
- 11:00-13:00 h **EXPERIMENTAL RESEARCH**  
Ronda Moderator: Stefano Geuna (Italy)
- Nerve reconstruction by conduit guidance: How, where and when**  
PANELISTS:  
Lars Dahlin (Sweden)  
Kirsten Haastert-Talini (Germany)  
Pierluigi Tos (Italy)  
Ana Colette Mauricio (Portugal)  
Victor Cariel (Spain)  
Giulia Ronchi (Italy)
- 13:00-13:30 h **OPENING CEREMONY**  
Convenciones II **Welcome**  
Miguel Ángel Toledo y Álex Muset
- Opening**  
Pilar Serrano  
Gerente Territorial QuironSalud

**WEDNESDAY, NOVEMBER 7th**

13:30-14:30 h Lunch

14:30-16:00 h **PERIPHERAL NERVE III**  
Convenciones II Moderators: Paolo Titolo (Italy)

**NEUROTIZATIONS**

14:30-14:42 h **AIN transfer to motor division of the ulnar nerve; how to do it free of tension and allow early finger motion**  
Mostafa Mahmoud (Egypt)

14:42-14:54 h **Comparison between proximal ulnar nerve repair and anterior interosseous nerve transfer**  
Ahmed Atiyya (Egypt)

14:54-15:06 h **Nerve transfer during major upper limb replantation**  
Mostafa Mahmoud (Egypt)

15:06-15:18 h **Combining nerve and tendon transfer in tetraplegic patient. Surgical Strategy**  
Paolo Titolo (Italy)

15:18-15:30 h **Radial nerve transfer to axillary nerve. Which branch? Which approach?**  
Nicola Felici (Italy)

### WEDNESDAY, NOVEMBER 7th

14:30-18:30 h **TEACHING PERSPECTIVES & POSSIBLE FUTURE HORIZONS UNDER THE UMBRELLA OF AEM AND EFSM**

Ronda

Moderator: Miguel Ángel Toledo (Spain)

Alberto Ballestín (Spain)

Pierluigi Tos (Italy)

#### ANDALUCÍA

14:30-14:38 h Hospital de Antequera / Colaboración con el IACE (Málaga)

**Alberto López García**

14:38-14:46 h AVANTE, Fundación Progreso y Salud (Granada)

**José Manuel Sánchez Carrión, Iván Herrera Pérez**

#### ARAGÓN

14:46-14:54 h

Instituto Aragonés de Ciencias de la Salud

Centro de Investigación Biomédica de Aragón (Zaragoza)

**Eduardo Blanco**

**Cristina Pastor**

#### PRINCIPADO DE ASTURIAS

14:54-15:02 h

Servicio Cirugía Plástica Hospital Universitario de Asturias. Bioterio de la Facultad de Medicina (Oviedo)

**Daniel Camporro Fernández, Agustín Brea Pastor,**

**Teresa Sánchez Álvarez, Angel Fueyo Lorente**

#### CASTILLA Y LEÓN

15:02-15:10 h

Universidad de León.

**José Manuel Gonzalo Orden, Javier Fernández Fernández**

15:10-15:18 h

Unidad de Investigación. Complejo Asistencial Universitario de Burgos.

**Elena Ruiz Alonso, Javier Antonio Maya Rodríguez,**

**Pablo Martínez Núñez, Rebeca Astorga Veganzones,**

**Carlos Arcadio Gómez Lanz**

### WEDNESDAY, NOVEMBER 7th

#### CATALUÑA

15:18-15:26 h Hospital Universitario Germans Trias i Pujol (Badalona)

#### María del Río Escribano

15:26-15:34 h Centro de Cirugía Experimental. Hospital Universitari Parc Taulí (Sabadell)

#### Joan Pi Folguera, Gabriel Gili Cirera

15:34-15:42 h Reconstructive Microsurgery European School (Barcelona)

#### Carmen Vega García

#### EXTREMADURA

15:42-15:50 h Centro de Cirugía de Mínima Invasión Jesús Usón (Cáceres)

#### Elena Abellán Rubio, Alberto Ballestín, Javier Vela, FM Sánchez-Margallo

#### GALICIA

15:50-15:58 h Centro Tecnológico de Formación. Centro Hospitalario Universitario de A Coruña

#### Alberto Centeno

15:58-16:06 h Centro de Experimentación y Simulación, Complejo Hospitalario Universitario de Orense

#### Pedro Trillo, José Luis Toubes Condes

16:00-16:30 h *Coffee Break*

#### COMUNIDAD DE MADRID

16:30-16:38 h Hospital Ruber Juan Bravo (Madrid)

#### Javier Arias Gallo

16:38-16:46 h Centro de Simulación Quirúrgica de la Facultad de Ciencias de la Salud. Grado de Medicina. Universidad Francisco de Vitoria. Madrid

#### Carmen Calles Vázquez, Antonio Pérez Caballer, Francisco J. Campos Lucas, Fernando Caballero Martínez

### WEDNESDAY, NOVEMBER 7th

## SCIENTIFIC PROGRAM

- 16:46-16:54 h Hospital Universitario La Paz. Servicio de Cirugía Plástica (Madrid)  
**Carmen Iglesias**
- ASOCIACIÓN ESPAÑOLA DE MICROCIURUGÍA (AEM) & EUROPEAN FEDERATION OF SOCIETIES FOR MICROSURGERY (EFSM)**
- 16:54-17:02 h Teaching perspectives & possible future horizons under the umbrella of AEM and EFSM  
**Alberto Ballestín, Miguel Ángel Toledo, Álex Muset, Pierluigi Tos**
- 16:30 -18:30 h **PERIPHERAL NERVE IV**  
Convenciones II Moderators: Samuel Ribak (Brasil)  
Ignacio Roger de Oña (Spain)
- 16:30-16:42 h **Types of nerve conduits**  
Pedro Hernández (Spain)
- 16:42-16:54 h **When to use nerve conduits**  
Francisco Najarro (Spain)
- 16:54-17:06 h **Indication in nerve tubulization**  
**When to use tubulization**  
Pierluigi Tos (Italy)
- 17:06-17:18 h **In which defects can they be used?**  
**Are they a real alternative to allograft? If so when?**  
**General aspects in grafts**  
Samuel Ribak (Brasil)
- 17:18-17:30 h **Fibular superficial + lateral outcomes: donor grafts**  
Samuel Ribak (Brasil)
- 17:30-17:42 h **Results of nerve wrapping following repair and grafting**  
Hamed Ahmad Badawy (United Arab Emirates)
- 17:42-17:54 h **Experience in allografts treatment**  
Ignacio Roger de Oña (Spain)

**WEDNESDAY, NOVEMBER 7th**

17:54-18:06 h **Defects treatments in mixed trunks of Upper limb**  
Daniel Camporro (Spain)

18:30-19:30 h **FREE PAPERS I**  
Convenciones II Moderator: Joan Pi Folguera (Spain)

18:30 -18:43 h

**Valores de normalidad del sistema invos en la monitorización postoperatoria del colgajo anterolateral de muslo en población caucásica**

Puertas Peña J., Yuste Benavente V., Albiñana García-Dihinx F., Jordán Palomar E.

Hospital Universitario Miguel Servet, Zaragoza, España

18:45 -18:58 h

**Vasto lateral sensible para cobertura de úlceras isquiáticas en pacientes con lesiones medulares bajas**

Llinas Porte A., Pérez García A., Salmerón González E., García Vilariño E., Condiño Brito E.

Hospital La Fe, Valencia, España

19:00 -19:13 h

**Colgajos oseos microvascularizados para la reconstrucción de miembro superior: nuestra experiencia en el huca**

Alonso Claro J., La Jara Núñez D.M., Robla Costales D., Carnero López S.,

Camporro Fernández D.

Hospital Universitario Central de Asturias, Oviedo, España

19:15 -19:28 h

**Reconstrucción de aparato extensor tras infección de artroplastia total de rodilla con pérdida de cobertura**

García Sánchez J.M., Ruiz Cases A., Condiño Brito E., Esteban Vico J.R., Pérez García A.

Hospital Universitario y Politécnico la Fe, Valencia, España

### THURSDAY, NOVEMBER 8th

08:00-09:00 h  
Convenciones II

#### INSTRUCTIONAL COURSE

##### Brachial Plexus International School

Álex Muset (Spain), Jorge Clifton (Mexico),  
Tarek El-Gammal (Egypt), Anil Bhatia (India)

08:00-08:30 h  
Ronda

#### INSTRUCTIONAL COURSE

##### Life Surgery Program for resident in AEM

Jaume Estrada (Spain), Miguel Ángel Toledo (Spain)

09:00-11:00 h  
Convenciones II

#### LYMPHATICS

##### Lymphedema Surgical Treatment

Moderador: Elena Rodríguez (Spain)

09:00-09:20 h

##### The indications for the lymph node transfer with submental flap

Carmen Iglesias (Spain)

09:20-09:40 h

##### My personal choice on lymph node transfer

José María Lasso (Spain)

09:40-10:00 h

##### Why I choose lymph-venous anastomosis as my first approach

Cristina Aubá (Spain)

10:00-10:20 h

##### Searching for the ideal approach for the surgical treatment of lymphedema

Elena Rodríguez Bauzá (Spain)

10:20-10:40 h

##### Discussion

08:30-11:00 h  
Ronda

#### TRAUMATIC PALSY PB

Moderador: Álex Muset (Spain)

##### Session I

08:30-08:40 h

##### Timing in adult palsy and Timing in Children Palsy, Do we have to wait?

Rogelio Solano (Spain)



**THURSDAY, NOVEMBER 8th**

08:40-08:50 h **What neurophysiological study do we need?**  
Jose Ángel Villaruel (Spain)

**Session II**

**SURGICAL TECHNIQUES AND PROBLEMS: HOW I DO IT AND WHY**

08:50-09:00 h **Supraclavicular approach**  
Miguel Cuadros (Spain)

09:00-09:10 h **Supraclavicular and infraclavicular approach: how to do it**  
Hassan Noaman (Egypt)

09:10-09:20 h **Neurotization for adult C8-T1 brachial plexus palsy**  
Amr Elsayed Ali (Egypt)

09:20-09:30 h **Phrenic nerve dissection for transfer**  
Nicola Felici (Italy)

09:30-09:40 h **Infraclavicular approach in vascular problems**  
Jorge Clifton (México)

09:40-09:50 h **Nerve transfers for elbow flexion**  
Piero Raimondi (Italy)

09:50-10:00 h **Nerve transfers for shoulder**  
Jorge Clifton (México)

10:00-10:10 h **Distal nerve transfers for hand**  
Eduardo Navarro (México)

10:10-10:20 h **Distal neurotisation in late presenting adult brachial plexus injuries**  
Mostafa Mahmoud (Egypt)

10:20-10:30 h **Vascularized nerve graft in Brachial Plexus**  
Mario Kuwae (Brasil)

10:30-10:40 h **Gracilis in Brachial Plexus**  
Manel Lluçà (Spain)

11:00-11:30 h **Coffee Break**

### THURSDAY, NOVEMBER 8th

- 11:30-13:00 h **HEAD AND NECK**  
Convenciones II Moderator: José María Lasso (Spain)
- RECONSTRUCTIVE HEAD AND NECK**
- 11:30-11:42 h **Refinements in skull and orbit reconstruction**  
José María Lasso (Spain)
- 11:42-11:54 h **Use of LCFA free flaps in skull base reconstruction**  
Daniel Camporro (Spain)
- 11:54-12:06 h **Complex reconstruction of the mandible**  
Cristian Schauvinhold (Argentina)
- 12:06-12:18 h **Quality control in microsurgical reconstructions of the facial contour**  
Tomás Gómez Cía (Spain)
- 12:18-12:30 h **Complex reconstruction of the pharynx and esophagus**  
Joan Viñals (Spain)
- 12:30-12:42 h **Microsurgical reconstruction of facial trauma**  
Alberto García Perla (Spain)
- 12:42-12:54 h **Quality of life in patients reconstructed with free flaps**  
Ángel Rollón Mayordomo (Spain)
- 11:30 -13:00 h **HAND RECONSTRUCTION**  
Ronda Moderators: Anil Bhatia (India)  
Piero Raimondi (Italy)
- IS IT USEFUL HOW, WHEN AND WHY**
- 11:30-12:15 h **Hand reconstruction by contralateral C7 (videoconference)**  
Wang (China)
- 12:15-12:30 h **Lower trunk mobilization for contralateral direct coaption**  
Anil Bhatia (India)
- 12:30-12:45 h **Shortening humerus in primary surgery for direct C8 T1 coaption**  
Anil Bhatia (India)

### THURSDAY, NOVEMBER 8th

13:00-13:30 h

Convenciones II

#### KEYNOTE LECTURE

#### 40 años de la AEM

Miguel Cuadros Romero (Spain)

13:30-14:30 h

Lunch

14:30-16:00 h

Convenciones II

#### FREE PAPERS II

Moderator: Jose Maria Lasso (Spain)

14:30-14:43 h

#### Efectividad de la trombolisis en el rescate de colgajos libres: revisión sistemática y protocolo de actuación

De Juan Marín M.<sup>1</sup>, Domínguez Bengoa S.<sup>2</sup>, Salinas Rámila F.<sup>1</sup>, Daniel Camporro Fernández<sup>1</sup>

1. Hospital Universitario Central de Asturias, Oviedo, Asturias, España
2. Martín del Yerro Cirujanos Plásticos - Hospital Quirón de Madrid, España

14:45-14:52 h

#### Monitorización de colgajos libre (diep, siep, alt) con sistema de espectrofotometría de infrarrojos

De Piero Belmonte G.H.<sup>1</sup>, Goñi Moreno E.<sup>2</sup>, Sanz Giménez-Rico J.R.<sup>1</sup>, Murillo López C.<sup>2</sup>, Ayala Gutiérrez H.<sup>1</sup>, Álvarez García R.<sup>3</sup>

1. Hospital Universitario Marqués de Valdecilla, Santander, España
2. Hospital Universitario Salamanca, Salamanca, España
3. Hospital Universitario de León, España

15:00-15:13 h

#### Rescate de congestión venosa en colgajo diep. Uso de vena humeral

Fernández Tárano L., La Jara Núñez D., Alonso Claro J., Burgos Gutiérrez C., Camporro Fernández D.

Hospital Universitario Central de Asturias, Lugones - Siero, España

#### THURSDAY, NOVEMBER 8th

## SCIENTIFIC PROGRAM

15:15-15:28 h

### Estudio de cohortes retrospectivo de una serie de pacientes tratados mediante resección tumoral y radioterapia postoperatoria cubiertos con injertos de piel frente a colgajos fasciocutáneos y miocutáneos

García Vilariño E., Salmerón González E., Condiño Brito E., Ruiz Cases A., Sánchez García A., Pérez García A.

Hospital Universitario y Politécnico La Fe, Valencia, España

15:30-15:43 h

### Cuidados de enfermería en paciente sometida a colgajo comisural de pie, tras secuela por quemadura en mano. A propósito de un caso

Consuegra Alferez M.D.<sup>1</sup>, Amaro Gallan M.<sup>1</sup>, Díez Peris M.<sup>1</sup>, García Villanueva A.<sup>2</sup>

1. Enfermera, Hospital FREMAP Majadahonda, Madrid, España

2. Medico COT, Unidad Microcirugía, Hospital FREMAP Majadahonda, Madrid, España

15:45-15:58 h

### Procedimiento de cuidados postquirúrgicos realizados en urpa en pacientes intervenidos de microcirugía traumatológica. Hospital fremap majadahonda. Nuestra experiencia

Amaro Gallán M.<sup>1</sup>, Consuegra Alférez M.D.<sup>1</sup>, Díez Peris M.<sup>1</sup>, García Villanueva A.<sup>2</sup>

1. Enfermera Hospital FREMAP Majadahonda, Madrid, España

2. Médico COT, Unidad Microcirugía Hospital FREMAP Majadahonda, Madrid, España

14:30-16:00 h

### SECONDARY SURGERY ADULT BP (I)

Ronda

Moderators: Hassan Noamen (Egypt)

Mario Kuwae (Brasil)

14:30-14:42 h

### 0 shoulder Multiple tranfers

Fernanda Espinosa (México)

14:42-14:54 h

### Shoulder arthrodesis

Miguel Angel Toledo (Spain)

14:54-15:06 h

### Humerus osteotomy

Miguel Cuadros (Spain)

**THURSDAY, NOVEMBER 8th**

- 15:06-15:18 h     **Wrist arthrodesis**  
Raul Rodríguez (México)
- 15:18-15:30 h     **Tendon transfer for hand reanimation in lower trunk palsy**  
Amr Elsayed Ali (Egypt)
- 16:00-16:30 h     *Coffee Break*
- 16:30-16:50 h     **New perspectives in educational platforms**  
Convenciones II  
Alex Muset (Spain)
- 16:50-17:30 h     **Educational platform project: International Meetig group  
for surgery and research on Brachial Plexus and Peripheral Nerve**  
Convenciones II  
Alex Muset (Spain)
- 17:30-19:00 h     **AEM GENERAL ASSEMBLY**  
Convenciones II

### FRIDAY, NOVEMBER 9th

## SCIENTIFIC PROGRAM

08:00-09:00 h

Convenciones II

#### **INSTRUCTIONAL COURSE**

##### **ALT Step by Step**

Quim Megias Barrera (Spain)

08:00-10:00 h

Ronda

#### **INSTRUCTIONAL COURSE**

##### **Thoracic Outlet**

Moderators: Javier Robla (Spain)

Rafael Reynoso (Mexico)

##### **Session I**

08:00-08:10 h

##### **Anatomy of the thoracic outlet and related structures**

María José Santana (Spain)

08:10-08:20 h

##### **Epidemiology of the thoracic outlet syndrome and related factors**

Javier Robla (Spain)

08:20-08:30 h

##### **Imaginer of the thoracic outlet**

Salmerón (Spain)

08:30-08:40 h

##### **Diagnosis: Electrodiagnostic testing, imaging and vascular studies**

Javier Robla (Spain)

##### **Session II**

08:40-08:50 h

##### **Physical examination and tests for TOS**

Rafael Reynoso (Mexico)

08:50-09:00 h

##### **Vascular thoracic outlet syndrome**

Carlos Rodríguez (Mexico)

09:00-09:10 h

##### **Neurogenic thoracic diagnosis**

Ana Moratona (Spain)

09:10-09:20 h

##### **Doble compresion**

Rafael Reynoso (Mexico)

**FRIDAY, NOVEMBER 9th**

**SCIENTIFIC PROGRAM**

- Session III**
- 09:20-09:30 h **Supraclavicular and Need for In let Approach**  
Alex Muset (Spain)
- 09:30-09:40 h **Transaxilar and other approaches: infraclavicular and posterior approach**  
Mariano Socolovsky (Argentina)
- 09:40-09:50 h **How to avoid problems: My experience in thoracic outlet syndrome**  
Piero Raimondi (Italy)
- 09:00-13:00 h **BREAST RECONSTRUCTION SYMPOSIUM. SEVILLA 2018**  
Convenciones II Organizador: Jaume Estrada (Spain)
- 09:00-10:00 h **AUTOLOGOUS FREE FLAPS IN BREAST RECONSTRUCTION**  
Moderator: José Ramón Castelló (Spain)
- 09:00-09:10 h **Introduction and presentation**  
Jaume Estrada (Spain)
- 09:10-09:20 h **DIEP flap: management of venous congestion with anastomosis end-to-side epigastric vein to internal mammary vein**  
Domingo Sicilia (Spain)
- 09:20-09:30 h **SIEA flap**  
Ruben Garcia (Spain)
- 09:30-09:40 h **TMG flap, PAP flap**  
Daniel Camporro (Spain)
- 09:40-09:50 h **SGAP flap, lumbar flap**  
Gemma Pons (Spain)

**FRIDAY, NOVEMBER 9th**

- 10:00-11:00 h **PEDICLED FLAPS AND FAT GRAFTS**  
Moderator: Carmen Higuera (Spain)
- 10:00-10:10 h **TDAP flap**  
Diana Pérez (Spain)
- 10:10-10:20 h **ICAP flap**  
Cristian Carrasco (Spain)
- 10:20-10:30 h **Immediately Lipofilled LATISSIMUS DORSI**  
Angela Tarongi (Spain)
- 10:30-10:40 h **Fat grafts for post tumorectomy defects**  
Jordi Descarrega (Spain)
- 11:30-12:30 h **STRATEGIES IN BREAST RECONSTRUCTION**  
Moderator: Xabier Montón (Spain)
- 11:30-10:40 h **Immediate reconstruction vs delayed reconstruction**  
Jaume Estrada (Spain)
- 11:40-11:50 h **The role of breast implants in breast reconstruction**  
César Casado (Spain)
- 11:50-12:00 h **Oncoplastic Surgery**  
Ana López (Spain)
- 12:00-12:10 h **The role of the plastic surgeon in breast cancer units**  
Elena Martí (Spain)
- 12:10-12:20 h **Plastic surgery assistance in small peripheral breast units**  
Gregorio Gómez (Spain)
- 12:20-12:30 h **Discussion**



**FRIDAY, NOVEMBER 9th**

- 10:00-11:00 h **PRIMARY SURGERY IN OBSTETRIC BRACHIAL PLEXUS**  
Ronda  
Moderators: Mariano Socolovsky (Argentina)  
Álex Muset (Spain)
- Session I: INTRODUCTION TOPICS**
- 10:00-10:10 h **Optimal timing and when you receive cases**  
Raul Rodríguez (Mexico)
- 10:10-10:20 h **There is a social consensus about surgical treatment role in OBP**  
Rene Barrasa (Mexico)
- Session II: USEFUL CLINICAL KNOWLEDGE**
- 10:20-10:30 h **Clinical exploration partial, total and late cases**  
Ana Moratona (Spain)
- 10:30-10:40 h **MRN utility in avulsions**  
Salmerón (Spain)
- 10:40-10:50 h **Electrophysiology in OBP**  
TBC
- 10:50-11:00 h **Ecography for articular deformities**  
Miguel Ángel Toledo Romero (Spain)
- 11:00-11:30 h **Coffee Break**

**FRIDAY, NOVEMBER 9th**

11:30-13:00 h **OBSTETRIC BRACHIAL PLEXUS (I)**  
Ronda  
Moderators: Jorge Clifton (Mexico)  
Anil Bhatia (India)

**Session III: SURGICAL TECHNIQUES AND PROBLEMS:  
HOW I DO IT AND WHY**

11:30-11:40 h **Supra and infraclavicular approach**  
Fernando Levaro (USA)

11:40-11:50 h **Clavicular osteotomy is necessary?**  
Piero Raimondi (Italy)

11:50-12:00 h **Frenic dissection for C5 always possible?**  
Mariano Socolovsky (Argentina)

12:00-12:10 h **Intrap estimation how and why**  
Rafael Reynoso (Mexico)

12:10-12:20 h **External rotational function microsurgical reconstruction**  
Daniel Olivera (Spain)

12:20-12:30 h **Intercostal nerve transfer**  
Alex Muset (Spain)

12:30-12:40 h **Distal nerve transfer in upper OBP**  
TBC

12:40-12:50 h **Double neurotization for elbow flexion reconstruction**  
Jorge Clifton (Mexico)

12:50-13:00 h **Results of C7 fascicle to pectoralis major transfer to anterior  
division of the upper trunk in upper OBP paralysis for restoration  
of elbow flexion**  
Mostafa Mahmoud (Egypt)

**FRIDAY, NOVEMBER 9th**

13:00-13:30 h

Convenciones II

**KEYNOTE LECTURE**

**Past, present and future of perforating flaps in breast reconstruction**

José Ramón Castelló (Spain)

13:00-13:30 h

Ronda

**KEYNOTE LECTURE**

**Cerebral Plasticity and nerve repairs**

Mariano Socolovsky (Argentina)

13:30-14:30 h

Lunch

14:30-16:00 h

Convenciones II

**FREE PAPERS III**

Moderador: Quim Megias (Spain)

14:30-14:43 h

**Estudio anatómico de la arteria calcánea lateral: importancia de referencias anatómicas constantes. Implicaciones en el tallado de colgajos perforantes de arteria peronea**

De Piero Belmonte G.H., García González S., Ayala Gutiérrez H., De Prado Tovar M.,

Fernández-Dívar Sánchez J.A., Sanz Gimenez-Rico J.R.

Hospital Universitario Marqués de Valdecilla, Santander, España

14:45-14:58 h

**Transferencia funcional de vasto lateral en una cuadriceptomía total. Detalles técnicos y revisión de la literatura**

Álvarez García R.<sup>1</sup>, Barrio Rodríguez L.<sup>1</sup>, Ramos Pascua L.<sup>2</sup>, Rodríguez Martín B.<sup>1</sup>,

Robla Costales J.<sup>1</sup>, De Piero Belmonte G.H.<sup>3</sup>

1. Complejo Asistencial Universitario de León, León, España

2. Hospital 12 de Octubre, Madrid, España

3. Hospital Universitario Marqués de Valdecilla, Santander, España

15:00-15:13 h

**Colgajo DIEP bilateral turbocargado para reconstrucción mamaria unilateral**

Condiño Brito E., Pérez García A., García Sánchez J.M., García Vilariño E.,

Salmerón González E., Ruiz Cases A.

Hospital Universitario y Politécnico La Fe, Valencia, España

### FRIDAY, NOVEMBER 9th

15:15-15:28 h

#### **Colgajo serrato anterior libre: actualización**

La Jara Núñez D.M., Fernández Tarano L., Salinas Ramila F., Ortega Fernández L., Camporro Fernández D.

Hospital Universitario Central de Asturias, Oviedo, España

15:30-15:43 h

#### **Uso de pegamento de fibrina para coaptación nerviosa: experiencia con 11 transferencias de nervio masetero para reanimación facial**

Salmerón González E.<sup>1</sup>, García Vilariño E.<sup>1</sup>, Ruiz Cases A.<sup>1</sup>, García Sánchez J.<sup>1</sup>, Valverde Navarro A.<sup>2</sup>, Simón Sanz E.<sup>1</sup>

1. Hospital Universitario y Politécnico La Fe, España

2. Universidad de Valencia, Valencia, España

15:45-16:00 h

#### **Empleo de transferencias óseas vascularizadas para artrodesis de tobillo**

Ruiz Cases A., García Sánchez J.M., Salmerón González E., Simón Sanz E., Pérez García A.

Hospital La Fe, Valencia, España

14:30-16:00 h

#### **OBSTETRIC BRACHIAL PLEXUS (II)**

Ronda

Moderator: Álex Muset (Spain)

#### **Session IV: IS IT USEFUL HOW, WHEN AND WHY**

14:30-14:50 h

#### **Late reconstruction in OBP**

Piero Raimondi (Italy)

14:50-15:20 h

#### **Contralateral C7 target**

Tarek El-Gammal (Egypt)

15:20-15:40 h

#### **Hand reconstruction is possible**

Alex Muset (Spain)

16:00-16:30 h

Coffee Break

### FRIDAY, NOVEMBER 9th

16:30-18:00 h **OBSTETRIC BRACHIAL PLEXUS (III)**

Ronda  
Moderators: Tarek El-Gammal (Egypt)  
Ana Moratona (Spain)

#### Session V: SECONDARY SHOULDER

16:30-16:45 h **Botox for external rotation retractions**

Eduardo Navarro (Mexico)

16:45-17:00 h **Shoulder glenoid deformity classification are useful?**

Álex Muset (Spain)

17:00-17:15 h **Shoulder arthroscopy**

Miguel Ángel Toledo (Spain)

17:15-17:30 h **Tendon transfers in shoulder dislocation**

Ana Moratona (Spain)

17:30-17:45 h **Zero Shoulder: Concept and resolution**

Alex Muset (Spain)

16:30-19:00 h **FREE PAPERS IV**

Convenciones II Moderador: Jaume Estrada (Spain)

16:30-16:43 h

#### **Microcirugía reconstructiva tras resección de sarcomas**

Pérez García A., García Sánchez J.M., Ruiz Cases A., Baixauli García F., Simón Sanz E.  
Hospital Universitario y Politécnico La Fe, Valencia, España

16:45-16:58 h

#### **Colgajo de perforantes de la arteria facial para cobertura de defectos de mediano-pequeño tamaño en tercio inferior y medio de la cara.**

González Martínez J., Palacin Porté J.A., Viñals Viñals J.M.  
Hospital Universitario de Bellvitge, Barcelona, España

**FRIDAY, NOVEMBER 9th**

17:00-17:13 h

**Pseudotumor miofibroblástico inflamatorio invasivo frontal: utilidad del colgajo libre radial modificado con drenaje venoso anterógrado**

De Piero Belmonte G.H., Ayala Gutierrez H., Pinto Rafael J.I., De Prado Tovar M., Corriols Noval P., Sanz Gimenez-Rico J.R.

Hospital Universitario Marqués de Valdecilla, Santander, España

17:15-17:28 h

**Reconstrucción orbitaria inmediata con colgajos libres. Nuestra experiencia (2001-2017)**

Martinez Magide G.

HUCA, Oviedo, España

17:30-17:43 h

**Lower extremity reconstruction following large tumor resection**

González Pózege, C. Deleyto de la Cruz, E. Lasso Vazquez, JM.

Hospital Gregorio Marañón, Madrid, España

17:45-17:58 h

**Colgajo ALT en cobertura de extremidades traumáticas**

Cáceres, J.P.

Unidad de Microcirugía, Hospital Vicente Corral Moscoso, Cuenca, Ecuador

18:00-18:13 h

**An algorithm for microvascular reconstruction of the hypopharynx and cervical esophagus**

Deleyto LaCruz E, González Pozega C, Lasso Vázquez JM<sup>a</sup>.

Hospital Gregorio Marañón, Madrid, España

18:15-18:28 h

**Reconstrucción de pulpejos con transferencias de pulpejo de hallux.**

Alsina, G.

MC Mutual, Barcelona, España

**FRIDAY, NOVEMBER 9th**

18:30-18:43 h

**Liposuction as a complimentary technique in lymphedema patients who have previously undergone lymphovenous anastomosis**

Deleyto de la Cruz, E., González Pózege, C., Lasso Vazquez, JM.

Hospital Gregorio Marañon, Madrid, España

18:45-18:58 h

**Clinical possibilities of the masseteric nerve as a recipient nerve in facial paralysis**

González Pózege, C. Deleyto de la Cruz, E. Lasso Vazquez, JM.

Hospital Gregorio Marañon, Madrid, España

18:00-19:00 h

**WHAT ABOUT GRAFT?**

Ronda

Moderator: Miguel Cuadros (Spain)

18:00-18:10 h

**Legal situation of nervous allograft in Spain**

Antonia Álvarez (Spain)

18:10-18:22 h

**Experiencie with allograft**

Miguel Cuadros (Spain)

18:22-18:34 h

**Experience in neuropathic pain and allograft use**

Quim Casañas (Spain)

18:34-18:54 h

**Allograft nerve: Indication and results**

Ivica Ducic (USA)

### SATURDAY, NOVEMBER 10th

- 08:00-09:00 h **HAND PALLIATIVE TRANSFER**  
Convenciones II Moderator: Piero Raimondi (Italy)
- 08:00-08:18 h **Ulnar paralysis**  
Eduardo Zancolli (Argentina)
- 08:18-08:36 h **Ulnar median distal paralysis**  
Eduardo Zancolli (Argentina)
- 08:36-08:54 h **Radial paralysis**  
Piero Raimondi (Italy)
- 08:00-09:00 h **BRACHIAL PLEXUS TUMORS**  
Ronda Moderators: Joan Pi Folguera (Spain)  
Bassan Addas (Saudi Arabia)
- 08:00-08:10 h **Tumors of the brachial plexus**  
Joan Pi Folguera (Spain)
- 08:10-08:20 h **Tumors of the brachial plexus**  
Amr Mohamed Ali (Egypt)
- 08:20-08:30 h **Peripheral nerve/brachial plexus tumors**  
Bassam Addas (Saudi Arabia)
- 08:30-08:40 h **Peripheral nerve tumors**  
Gregorio Martínez Villen (Spain)
- 08:40-08:50 h **Peripheral nerve tumors**  
Miguel Domínguez (Spain)
- 09:00 - 11:00 h **SHOULDER SECONDARY SURGERY IN OBP**  
Convenciones II Moderators: Eduardo Zancolli (Argentina)  
Hussam Bashir (Kuwait)
- 09:00-10:00 h **Tendon transfers around shoulder (Round Table)**  
Yasser Elsafoury (Egypt)



**SATURDAY, NOVEMBER 10th**

- Rami Elnakeeb (Egypt)  
Hazem Elhassan (Saudi Arabia)  
Husam Bashir (Kuwait)  
Waleed Riad Saleh (Egypt)
- 10:00-10:12 h **Palliative shoulder.  
Modification of contralateral trapezium transfer**  
Juan Pablo Cáceres (Ecuador)
- 10:12-10:32 h **Shoulder transfer in OBP**  
Eduardo Zancolli (Argentina)
- 09:00 - 11:00 h **SECONDARY OBP**  
Ronda  
Moderators: Fernando Espinosa (México)  
Alfredo Neira (México)
- 09:00-09:15 h **SECONDARY OBP  
Glenoid osteotomy**  
Fernando Espinosa (México)
- 09:15-09:30 h **Humeral osteotomy**  
Miguel Cuadros (Spain)
- 09:30-09:45 h **Shoulder arthrodesis in children**  
Tarek El-Gammal (Egypt)
- 09:45-10:00 h **SECONDARY HAND  
Forearm bone osteotomy**  
TBC
- 10:00-10:15 h **Wrist arthrodesis**  
Alfredo Neira (México)
- 10:15-10:30 h **FCU Transfer for wrist extension**  
Pablo Zancolli (Argentina)
- 10:30-10:45 h **Brachialis transfer for wrist extension**  
Ana Moratona (Spain)

### SATURDAY, NOVEMBER 10th

- 10:45-11:00 h **Figure extension transfer**  
Mario Mendoza (México)
- 11:30-13:00 h **THORASCAPULAR RECONSTRUCTION**  
Convenciones II Moderator: Ana Moratona (Spain)
- 11:30-11:45 h **Functional Anatomy**  
Ana Moratona (Spain)
- 11:45-12:00 h **Serrato reconstruction**  
Daniel Olivera (Spain)
- 12:00-12:15 h **Trapezium reconstruction**  
Alex Muset (Spain)
- 12:15-12:30 h **Trapezium for external rotator**  
Samuel Ribak (Brasil)
- 12:30-12:45 h **Trapezium for abduction**  
Manel Llusà (Spain)
- 11:30-13:00 h **EXPERIMENTAL MICROSURGERY RESEARCH**  
Ronda Moderator: Alberto Ballestín (Spain)
- 11:30-11:40 h **Tissue engineering for nerve reconstruction: Some new insights**  
Stefano Geuna (Italy)
- 11:40-11:50 h **Peripheral nerve reconstruction with epsilon-caprolactone conduit seeded with vasoactive intestinal peptide gene-transfected mesenchymal stem cells in a rat model**  
Miguel Ángel Toledo (Spain)
- 11:50-12:00 h **Stem cells and nerve regeneration. From autologous cells to xenotransplantation**  
Jose María Lasso (Spain)

**SATURDAY, NOVEMBER 10th**

**SCIENTIFIC PROGRAM**

- 12:00-12:10 h **Peripheral nerve reconstruction through allografts and xenografts. An experimental study**  
Marta de Juan (Spain)
- 12:10-12:20 h **The four elements of bone tissue engineering alchemy**  
Quim Megías (Spain)
- 12:20-12:30 h **Animal models in lymphedema research and surgical training: a review of the literature and our experience**  
Elena Rodríguez (Spain)
- 12:30-12:40 h **Sutureless microsurgical anastomosis: experimental development of a new surgical device**  
Jordi Descarrega (Spain)
- 12:40-12:50 h **A Prisma® review about different techniques of direct peripheral nerve repair**  
Javier Vela (Spain), Krisztina Juhos (Hungary), Alberto Ballestín (Spain), F.M. Sánchez-Margallo (Spain), Elena Abellán (Spain)
- 12:50-13:00 h **Experimental model with rat as a new method of lymphatic-venous anastomosis training**  
Malagon López P. (Spain), Pi Folguera J. (Spain), Carrasco López C. (Spain), Higuera Suñé C. (Spain)

**Colgajo de peroné osteomucoso prelaminado para reconstrucción maxilar**

Condiño Brito E., Klenner Muñoz C., García Vilariño E., Pérez García A.

Hospital Universitario y Politécnico La Fe, Valencia, España

**Reconstrucción de nervio mediano en la muñeca con injerto vascularizado pediculado de nervio cubital**

Ruiz Cases A., Pérez García A., Condiño Brito E.

Hospital La Fe, Valencia, España

**Transferencia de nódulos linfáticos tras linfadenectomía axilar en contexto de cáncer de mama, ¿qué hacer con la axila ante una recidiva tumoral mamaria?**

García Vilariño E., Salmerón González E., Sánchez García A., Molto García R., Pérez García A.

Hospital Universitario y Politécnico La Fe, Valencia, España

**Anastomosis venosas de descarga en colgajos propeller de tibial posterior**

Monge Castresana I., Roca Mas J.O., Estrada Cuxart J., López Martínez A., Cerdá Dezcallar I.,

Rovira De Alós M., Tarongí Capllonch A., Parra Pont L.E., Alvarez Rio A.

Hospital Universitario Son Espases, Palma De Mallorca, España

**Reconstrucción funcional del cuadriceps tras resección oncológica con transferencia microquirúrgica del latismus dorsi**

Monge Castresana I., Roca Mas J.O., Estrada Cuxart J., López Martínez A., Cerdá Dezcallar I.,

Rovira De Alos M., Tarongí Capllonch A., Parra Pont L.E., Tendo Gómez O.

Hospital Universitario Son Espases, Palma De Mallorca, España

**Reconstrucción microquirúrgica de defectos compuestos en zona aquilea**

Monge Castresana I., Roca Mas J.O., Estrada Cuxart J., López Martínez A., Cerdá Dezcallar I.,

Rovira De Alos M., Tarongí Capllonch A., Parra Pont L.E., González Gil A.B., Camara Baeza M.A.

Hospital Universitario Son Espases, Palma De Mallorca, España

**Vasos subescapulares circunflejos como receptores en transferencias ganglionares**

Roca Mas J.O., Monge Castresana I., Estrada Cuxart J., Tarongí Capllonch A., López Martínez Á.,  
Cerdá Dezcallar I., Rovira De Alós M., Parra Pont L.E., Alvarez Rio A.

Hospital Universitari Son Espases, Palma De Mallorca, España

**Cuartectomía anterior, resección torácica y reconstrucción de úlcera gigante  
secundaria a enfermedad oncológica localmente avanzada**

García Vilariño E., Pérez García A., Salmerón González E., Ruiz Cases A., Condiño Brito E., Llinás  
Porte A.

Hospital Universitario y Politécnico La Fe, Valencia, España

**Colgajo miocutáneo de gracilis extendido con isla cutánea longitudinal: nuevo  
recurso para cobertura de defectos extensos en región pélvica, abdominal y  
miembro inferior**

Salmerón González E.<sup>1</sup>, García Vilariño E.<sup>1</sup>, Ruiz Cases A.<sup>1</sup>, Valverde Navarro A.<sup>2</sup>, Simón Sanz E.<sup>1</sup>

1. Hospital Universitario y Politécnico La Fe, Valencia, España

2. Universidad de Medicina de Valencia, Valencia, España

**Reanimación dinámica mediante transferencia de nervio masetero en parálisis  
facial crónica: reporte de un caso y revisión**

Salmerón González E.<sup>1</sup>, García Vilariño E.<sup>1</sup>, Ruiz Cases A.<sup>1</sup>, Valverde Navarro A.<sup>2</sup>, Simón Sanz E.<sup>1</sup>

1. Hospital Universitario y Politécnico La Fe, Valencia, España

2. Universidad de Medicina de Valencia, Valencia, España

### NATIONAL SPEAKERS

- Agustín Brea Pastor  
Alberto Ballestín  
Alberto Centeno  
Alberto García Perla  
Alberto López García  
Alex Muset  
Ana López  
Ana Moratona  
Angel Fueyo Lorente  
Ángel Rollón Mayordomo  
Angela Tarongi  
Antonia Álvarez  
Antonio Pérez Caballer  
Carlos Arcadio Gómez Lanz  
Carmen Calles Vázquez  
Carmen Higuera Suñé  
Carmen Iglesias  
Carmen Vega García  
César Casado  
Cristina Pastor  
Cristian Carrasco  
Cristina Aubá  
Daniel Camporro  
Daniel Olivera  
Diana Pérez  
Domingo Sicilia  
Eduardo Blanco  
Elena Abellán  
Elena Martí  
Elena Rodríguez  
Elena Ruiz Alonso  
Fernando Caballero Martínez  
Francisco J. Campos Lucas  
F.M. Sánchez-Margallo  
Francisco Najarro  
Gabriel Gili Cirera  
Gemma Pons  
Gregorio Gómez  
Gregorio Martínez Villen  
Ignacio Roger de Oña  
Iván Herrera Pérez  
Jaume Estrada  
Javier Antonio Maya Rodríguez  
Javier Arias Gallo  
Javier Fernández  
Javier Robla  
Javier Vela  
Joan Pi Folguera  
Joan Viñals  
Jordi Descarrega  
Jose Ángel Villaroel  
José Luis Toubes Condes  
José Manuel Gonzalo Orden  
José Manuel Sánchez Carrión  
José María Lasso Vázquez  
José Ramón Castelló

**NATIONAL SPEAKERS**

Manel Llusà

Maria José Santana

Maria del Río Escribano

Marta de Juan

Miguel Ángel Toledo

Miguel Cuadros

Miguel Domínguez

Pablo Martínez Núñez

Patricia Navas

Pedro Hernández

Pedro Trillo

Quim Megias Barrera

Rafael San Juan

Rebeca Astorga Veganzones

Rogelio Solano

Ruben García Salmerón

Teresa Sánchez Álvarez

Tomás Gómez Cía

Víctor Cariel

Victoria Fernández

Xabier Montón

### INTERNATIONAL SPEAKERS

- Ahmed Atiyya (Egypt)  
Alfredo Neira (México)  
Amr Elsayed Ali (Egypt)  
Amr Mohamed Ali (Egypt)  
Ana Colette Mauricio (Portugal)  
Anil Bhatia (India)  
Bassan Addas (Saudi Arabia)  
Carlos Rodríguez (México)  
Cristian Schauvinhold (Argentina)  
Eduardo Navarro (México)  
Eduardo Zancolli (Argentina)  
Fernanda Espinosa (México)  
Fernando Levaro (USA)  
Ghassan Kadaan (Syria)  
Giulia Ronchi (Italy)  
Hamed Ahmad Badawy (United Arab Emirates)  
Hassan Noamen (Egypt)  
Hazem Elhassan (Saudi Arabia)  
Husam Bashir (Kuwait)  
Ivica Ducic (USA)  
Jamil Eljamali (United Arab Emirates)  
Jorge Clifton (México)  
Juan Pablo Cáceres (Ecuador)  
Kirsten Haastert-Talini (Germany)  
Krisztina Juhos (Hungary)  
Lars Dahlin (Sweden)  
Mariano Socolovsky (Argentina)  
Mario Kuwae (Brasil)  
Mario Mendoza (México)  
Mostafa Mahmoud (Egypt)  
Nicola Felici (Italy)  
Paolo Titolo (Italy)  
Pierluigi Tos (Italy)  
Piero Raimondi (Italy)  
Rafael Reynoso (México)  
Rami Elnakeeb (Egypt)  
Raul Rodríguez (México)  
Rene Barrasa (México)  
Samuel Ribak (Brasil)  
Stefano Geuna (Italy)  
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