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THURSDAY, 23rd APRIL 2009

(7:45 – 8:30)

REGISTRATION

(8:30 – 9.00)

WELCOMING

(9:00 – 10:30)

OPENING SPECIAL LECTURES

Chairs: David García-Dorado (Barcelona, Spain)
Manuel Galiñanes (Leicester, United Kingdom)

(9:00 – 9:25) **Rebuilding the heart in Darwin's year**
José Manuel Sánchez Ron (Madrid, Spain)

(9:30 – 9:55) **Gene and stem cell therapy for cardiovascular diseases.
Historical perspective and challenges for the future**
Valentín Fuster (New York, USA)

(10.00 – 10.25) **New consensus on stem cell therapy for heart repair**
John Martin (London, United Kingdom)

10:30 – 11:00 Coffee break

(11:00 – 13:45)

WHAT'S NEW?

Chairs: José Suárez de Lezo (Córdoba, Spain)
Joseph Bartunek (Aalst, Belgium)

(11:00 – 11:20) **On embryonic and embryonic-like cells?**
André Terzic (Rochester, USA)

(11:20 – 11:40) **On classical and new adult cells?**
Mark S. Penn (Cleveland, USA)

(11:40 – 12:00) **On heart tissue reengineering?**
Juan Carlos Chachques (Paris, France)

(12:00 – 12:20) **On delivering and navigation?**
Emerson Perin (Houston, USA)

(12:20 – 12:40) **On clinical trials?**
Kai C. Wollert (Hannover, Germany)



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- (12:40 – 13:00) **On imaging?**
Jonathan Hill (London, United Kingdom)
- (13:00 – 13:20) **On new organizational models for optimal cell processing
and application?**
Robert Simari (Rochester, USA)
- (13:20 – 13:40) **On regulatory?**
Natividad Calvente (Madrid, Spain)

13:45 – 15:30 Lunch and Poster Exhibition

SALÓN DE ACTOS. RESIDENCIA DE ESTUDIANTES CSIC

Chairs: Philippe Menasché (Paris, France)
Felipe Prosper (Pamplona, Spain)
Stefanie Dimmeler (Frankfurt, Germany)

In this “Poster Exhibition” research teams involved in the topic of the Symposium will have the opportunity of presenting selected parts of their work to the audience.

The Poster Review Committee will select the best posters of the session. At the end of the session, the verdict will be communicated. The winners of the Poster Awards will have to present their work (oral presentation) the following day in the morning, in the session named “Best Posters Presentation”, when they will receive their prize (2.000 € each).

(15:30 – 17:30)

SPECIAL THEMED SESSION: “NEW HEARTS FOR OLD AND NEW NEEDS”

Chairs: Ángel González-Pinto (Madrid, Spain)
Rafael Matesanz (Madrid, Spain)

(15:30-15:50) **Cardiac replacement for end-stage heart disease: need, demand,
supply and dreams**
Magdi Yacoub (London, United Kingdom)

(15:50-16:10) **Bridge? Destination? Both? New paradigms in mechanical heart
replacement**
O. Howard Frazier (Houston, USA)



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FRIDAY, 24th APRIL 2009

AUDITORIUM

(9:00 - 10:00)

BEST POSTERS PRESENTATION

Chairs: Philippe Menasché (Paris, France)
Stefanie Dimmeler (Frankfurt, Germany)

(9:00-9:15) **Prizes-giving**

(9:15-9:30) **Winner work presentation and discussion**

(9:30-9:45) **Winner work presentation and discussion**

(9:45-10:00) **Winner work presentation and discussion**

(10:00 – 11:30)

CONTROVERSIES

Chairs: Bernardo Nadal-Ginard (Boston, USA)
Arturo Fernández-Cruz (Madrid, Spain)

(10:00 – 10:45)

Stem cell therapy treatment in AMI after meta-analyses results?

10:00 Pro Andreas Zeiher (Frankfurt, Germany)
10:15 Contra Bernard Gersh (Rochester, USA)
Rebuttal
10:30 Pro Andreas Zeiher (Frankfurt, Germany)
10:35 Contra Bernard Gersh (Rochester, USA)
10:40 Conclusion

(10:45 – 11:30)

Is it time to use allogenic stem cells?

10:45 Pro Mark S. Penn (Cleveland, USA)
11 :00 Contra Dominique Charron (Paris, France)
Rebuttal
11:15 Pro Mark S. Penn (Cleveland, USA)
11:20 Contra Dominique Charron (Paris France)
11:25 Conclusion



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11:30 – 12:00 Coffee Break

(12:00 – 13:30)

I HAVE A QUESTION FOR YOU, DR. EXPERT*

Chairs: Doris Taylor (Minnesota, USA)
Augusto Silva (Madrid, Spain)

*During this special session six experts in the field will answer direct or video-submitted questions by scientists key opinion leaders, politicians, journalists, and patients. Questions will be organized in **three topic blocks: bench** (mechanism of action, type of cells, homing and tracking, etc.); **bedside** (safety, efficacy, clinical scenarios, delivery), and **organization-regulatory-funding**.

EXPERTS AT THE STAGE PANEL

Bernardo Nadal-Ginard	(Boston, USA)
Stefanie Dimmeler	(Frankfurt, Germany)
Joseph Bartunek	(Aalst, Belgium)
Dara Kraitchman	(Baltimore, USA)
Philippe Menasché	(Paris, France)
Ana Sánchez	(Valladolid, Spain)

EXPERTS AT THE FRONT ROW PANEL

This session will be open to the entire audience present in the auditorium. In addition, there will be a front row panel formed by the faculty involved in the meeting and experts in different fields of biomedical research.

(13:30 – 14:00)

LIVE CASE RETRANSMISSION

Chairs (Auditorium): Nabil Dib (San Diego, USA)
Andreas Zeiher (Frankfurt, Germany)
José Lasso (Madrid, Spain)

Operators (Cath-Lab, Hospital General Universitario Gregorio Marañón):

Emerson Perin	(Houston, USA)
Ricardo Sanz	(Madrid, Spain)
Enrique Gutiérrez	(Madrid, Spain)
Rosa Pérez Cano	(Madrid, Spain)



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(14:00 – 15:30)

CLOSING SESSION: “NEXT STEPS IN HEART REPLACEMENT”

Chairs:	Stefanie Dimmeler Alberto San Roman	(Frankfurt, Germany) (Valladolid, Spain)
(14.00 – 14.20)	My fundamental view Juan Carlos Izpisúa	(La Jolla, USA)
(14.20 – 14.40)	My preclinical view Doris Taylor	(Minneapolis, USA)
(14.40 – 15.00)	My translational view Philippe Menasché	(Paris, France)
(15:00 – 15.20)	My clinical view William Wijns	(Aalst, Belgium)
(15:20 – 15.40)	My global view Magdi Yacoub	(Harefield, UK)
(15.40)	ADJOURN Francisco Fernández-Avilés	(Madrid, Spain)