

11:30-13:15 I HAVE A QUESTION FOR YOU, MR. EXPERT\*

**Chairs:** John Martin (London, UK)  
Miguel Angel García Fernández (Madrid, Spain)

**EXPERTS ON THE PANEL:**

Andreas Zeiher (Frankfurt, Germany)  
Philippe Menasche (Paris, France)  
Piero Anversa (New York, USA)  
Stephanie Dimmeler (Frankfurt, Germany)  
Warren Sherman (New York, USA)  
Robert Simari (Rochester, USA)

**EXPERTS MAKING QUESTIONS:**

Valentin Fuster (New York, USA)  
Bernard Gersh (Rochester, USA)  
Roberto Balli (Louisville, USA)  
Bernat Soria (Spanish Ministry of Health, Madrid, Spain)  
Octavi Quintana (7th Framework Program, EU, Brussels, Belgium)  
Martin Leon (New York, USA)  
First patient receiving adipose-derived cells  
Magdi Yacoub (Harefield, UK)  
Karff Thomas Krause (Hamburg, Germany)  
Doris Taylor (Minneapolis, USA)  
Nabil Dib (San Diego, USA)  
Ketil Lunde (Oslo, Norway)  
Dara Kraitchman (Baltimore, USA)  
Stefan Janssens (Leuven, Belgium)  
Dominique Charron (Paris, France)  
Magdalena Salarich (Madrid, Spain)  
Cristina Garmendia (Madrid, Spain)  
Rafael Matesanz (Madrid, Spain)  
Natividad Calvente (Madrid, Spain)  
Specialised International Press Media Representatives

\*During this special session six experts in the field will answer direct or video-submitted questions by 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.

13:15-14:15 **CLOSING SESSION**  
The next step of stem cell therapy. What do we expect for next year?

**Chairs:** TO BE DETERMINED

My fundamental view  
Juan Carlos Izpisua (La Jolla, USA)

My preclinical view  
Doris Taylor (Minneapolis, USA)

My clinical view  
Philippe Menasche (Paris, France)

14:15-14:30 **ADJOURN**  
Francisco Fernandez-Aviles (Madrid, Spain)



# 5<sup>th</sup> INTERNATIONAL SYMPOSIUM & APPLIED CARDIOVASCULAR BIOTECHNOLOGY

[www.cardiovascularcelltherapy.com](http://www.cardiovascularcelltherapy.com)  
Symposium Director: Francisco Fernandez-Aviles



**SCIENTIFIC SECRETARIAT**

Ana M<sup>a</sup> Fernández Baza  
Hospital General Universitario Gregorio Marañón  
C/ Doctor Esquerdo 46. 28007 Madrid  
T. 00 34 91 426 58 82 / F. 00 34 91 586 82 76  
anafdezba@cardiovascularcelltherapy.com

**TECHNICAL SECRETARIAT**

Viajes Orbiazul  
C/ Alonso Pesquera 2. 47002 Valladolid  
T. 00 34 983 30 91 22 / F. 00 34 983 29 53 51  
housing@cardiovascularcelltherapy.com

MADRID, SPAIN, APRIL 24<sup>th</sup> - 25<sup>th</sup> 2008

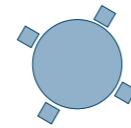
AUDITORIUM CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC) C/ SERRANO 117, 28006 MADRID



PRELIMINARY PROGRAM

THURSDAY, 24<sup>th</sup> April 2008

- 7:45-8:30 REGISTRATION
- 8:30-9:00 WELCOMING
- 9:00-10:30 OPENING SPECIAL LECTURES:  
*Chairs:* TO BE DETERMINED
- 9:00-9:25 "Pioneers in cardiology: from heart transplant to tissue engineering"  
*Sir Magdi Yacoub (Harefield, UK)*
- 9:30-9:55 "Biotechnology in left ventricular dysfunction"  
*Valentin Fuster (New York, USA)*
- 10:00-10:25 Overview about stem cell therapy for cardiovascular diseases. what did we know last year?  
*Filippo Crea (Rome, Italy)*
- 10:30-11:00 *coffee break*
- 11:00-13:30 WHAT'S NEW?  
*Chairs:* TO BE DETERMINED
- 11:00-11:20 On embryonic Stem cells?  
*André Terzic (Rochester, USA)*
- 11:20-11:40 On adult stem cells?  
*Piero Anversa (New York, USA)*
- 11:40-12:00 On cell processing and mobilization?  
*Stefanie Dimmeler (Frankfurt, Germany)*
- 12:00-12:20 On heart tissue engineering?  
*Doris Taylor (Minneapolis, USA)*
- 12:20-12:40 On cell homing and tracking?  
*Dara Kraitchman (Baltimore, USA)*
- 12:40-13:00 On clinical scenarios and clinical trials?  
*Stefan Janssens (Leuven, Belgium)*



- 13:00-13:20 On routes of administration?  
*Nabil Dib (San Diego, USA)*
- 13:20-13:50 *Panel discussion*
- 14:00-15:00 *Lunch*
- 15:00-17:00 CONTROVERSY  
*Chairs:* TO BE DETERMINED  
*Controversies:*
- 15:00-16:00 Stem cell mechanisms of action: transdifferentiation vs. others  
*Transdifferentiation. Bernardo Nadal (Madrid, Spain)*  
*Others. Helmut Drexler (Hannover, Germany)*
- 16:00-17:00 Bone marrow stem cell therapy improves outcomes after STEMI  
*Andreas Zeiher (efficacy) (Frankfurt, Germany)*  
*Ketil Lunde (Non-efficacy) (Oslo, Norway)*
- 17:00-18:30 SPECIAL THEMED SESSION  
ALTERNATIVES AND COMPLEMENTS TO BIOLOGICAL  
REPLACEMENT OF THE HEART.  
*Chairs:* TO BE DETERMINED
- 17:00-17:20 Ventricular assistance combined with biological therapies for the reversal of heart failure. Myth or reality?  
*Emma Birks / Magdi Yacoub (Harefield, UK)*
- 17:20-17:40 Ventricular assistance as destination therapy or as a bridge to heart transplantation. Does the frontier really exist?  
*Roland Hetzer (Berlin, Germany)*
- 17:40-18:00 Total mechanical replacement of the heart. Feasibility, performance and future.  
*O.H. Frazier (Houston, USA)*
- 18:00-18:20 Feasibility of biventricular pacing in patients with recent myocardial infarction: impact on ventricular remodeling.  
*E. S. Chung (Cincinnati, USA)*

PRELIMINARY PROGRAM

FRIDAY, 25<sup>th</sup> April 2008

- AUDITORIUM
- 8:30-9:15 LIVE CASES RETRANSMISSION  
*Chairs (Auditorium):*  
*E. Garcia (Madrid, Spain)*  
*W. Sherman (New York, USA)*
- Operators (Cath-lab, H. G. U. Gregorio Marañón):*  
*E. Perin (Houston, USA)*  
*R. Sanz (Madrid, Spain)*
- 9:20-11:00 KEYNOTE SESSION  
*Chairs:* TO BE DETERMINED
- 9:20-9:40 Making a heart. Lessons from developmental cardiology  
*A.C. Gittenberger (Leiden, The Netherlands)*
- 9:40-10:00 Immunity barriers to save before jumping to allogeneicity of stem cell therapy  
*Dominique Charron (Paris, France)*
- 10:00-10:20 Reverse remodelling during mechanical unloading of the left ventricle  
*J.N. Nanas (Athens, Greece)*
- 10:20-10:40 Cardiac stem cell therapy. The puzzle waits to be solved. The role of networking approach  
*Robert Simari (Rochester, USA)*
- 10:40-11:00 *Panel Discussion*
- 11:00-11:30 *coffee break*

