

8th INTERNATIONAL SYMPOSIUM ON STEM CELL THERAPY & CARDIOVASCULAR INNOVATIONS

www.cardiovascularcelltherapy.com

- PRELIMINARY PROGRAM -



MADRID. SPAIN, JUNE 9th - 10th 2011

SALÓN DE ACTOS CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS CSIC C/ SERRANO 117, 28006 MADRID

THURSDAY, 9th June 2011

- 7.45 – 8.30** **REGISTRATION**
- 8.30 – 9.00** **WELCOMING**
- 9.00 – 10.00** **OPENING SPECIAL LECTURE.**
- 9.00 – 9.25 Genetics in our daily clinical practice
William McKenna London, UK
- 9.30 – 9.55 Personalised Cardiovascular Medicine. Is genetics the answer?
Valentin Fuster New York, USA
- 10.00 – 10.30** **Coffee break**
- 10.30 – 13.00** **WHAT'S NEW IN STEM CELL THERAPY FOR CARDIAC REPAIR?**
- 10.30 – 10.45 The association between progenitor cells and cardiovascular integrity. What's new?
Amir Lerman Rochester, USA
- 10.45 – 11.00 Original versus Modified cells. What's new?
Konstantinos Malliaras (Los Angeles, USA)
- 11.00– 11.15 Mechanisms of benefit of cells for cardiac repair. What's new?
Stefanie Dimmeler Frankfurt, Germany
- 11.15 – 11.30 Myocardial tissue engineering. What's new?
Karen Christman San Diego, USA
- 11.30 – 11.45 Cells on the shelf. Are allogenic the answer?
Dominique Charron Paris, France
- 11.45 – 12.00 Optimizing tissue delivery and retention. What's new?
Warren Sherman New York, USA
- 12.00 – 12.15 Clinical trials. What's new?
Stefan Janssens Leuven, Belgium
- 12.15 – 12.30 Stem cell therapy for STEMI. The new Pan European proposal.
Anthony Marthur London, UK
- 12.30 – 12.45 Lessons from other organs. What's new?
Lilach Lerman Rochester, USA
- 12.45 – 13.15 Panel Discussion

13.15 – 15.00 **Lunch and Poster Exhibition**

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.

A Poster Review Committee will select which the best posters of the session are. At the end of the session, the verdict will be communicated. The winners of the Posters 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

For more information regarding the Poster Exhibition and Poster Awards, please contact us via e-mail at posters@cardiovascularcelltherapy.com.

THURSDAY, 9th June 2011

- 15.00 – 17.00** **SPECIAL THEMED SESSION: PULMONARY HYPERTENSION. INNOVATION FOR AN OLD DRAMA**
- 15.00 – 15.15 Pulmonary Hypertension in perspective. Dimensions, concepts, classification and current evidence-based management.
Miguel Ángel Gómez-Sánchez Madrid, Spain
- 15.15 – 15.30 Scientific basis of pulmonary hypertension treatment. Is there a role for stem cell therapy?
Stephen L. Archer Chicago, USA
- 15.30 – 15.45 Pulmonary hypertension assessment in 2011. What should we wait from imaging innovation?
Irene M. Lang Vienna, Austria
- 15.45 – 16.00 Interventional and surgical modalities of treatment of pulmonary hypertension.
Julio Sandoval-Zárate Mexico DF, Mexico
- 16.00 – 16.15 Future perspective for the treatment of Pulmonary Hypertension
Hossein A. Ghofrani Giessen, Germany
- 16.15 – 16.45 Panel discussion

FRIDAY, 10th June 2011

- 9:00 - 9.45** **BEST POSTERS PRESENTATION**
- 9.45 – 11.30** **RECENT CONTRIBUTIONS PRESENTED BY YOUNG INVESTIGATORS**
- 9.45 – 10.00 Both cultured and freshly isolated adipose tissue-derived stem cells enhance cardiac function after acute myocardial dysfunction.
Bai X, Alt E. Houston, USA
- 10.00 – 10.15 Differential effects of progenitor cell population on left ventricular remodelling and myocardial neovascularisation after myocardial infarction
Dubois C, Janssens S. Leuven, Belgium
- 10.15 – 10.30 A randomized, double-blind, placebo-controlled, dose-escalation study of intravenous adult human mesenchymal stem cells after acute myocardial infarction
Hare JM, Sherman W. New York, USA
- 10.30 – 10.45 Differentiation of allogeneic mesenchymal stem cells induces immunogenicity and limits their long-term benefits for myocardial repair
Huang XP, Li RK. Toronto, Canada
- 10.45 – 11.00 Guided cardiopoiesis enhances therapeutic benefit of bone marrow human mesenchymal stem cells in chronic myocardial infarction
Behfar A, Bartunek J, Terzic A Rochester, USA

FRIDAY, 10th June 2011

- 11.00 – 11.30 Panel discussion
- 11.30 – 12.00 **Coffee Break**
- 12.00 – 13.30 **NEW DEVELOPMENTS AGAINST CARDIOVASCULAR DYSFUNCTION**
- 12.00 – 12.15 Mechanics for heart replacement and preservation
Sharon Hunt Stanford, USA
- 12.15 – 12.30 The revolution of cardiac valves replacement and repair
Magdi Yacoub Harefield, UK
- 12.30 – 12.45 Technology for anticipation in chronic cardiovascular dysfunction. Is telemedicine the answer?
Greg C. Fonarow Los Angeles, USA
- 12.45 – 13.00 The future of biologic total and partial cardiac replacement.
Will xenografts play a role?
Emanuele Cozzi Padua, Italy
- 13.00 – 13.30 Panel Discussion
- 13.30 – 14.45 **LATE BREAKING CLINICAL TRIALS IN STEM CELL THERAPY**
- 14.45 – 15.20 **CLOSING SESSION. FIGHTING THE SPECTRUM OF LEFT VENTRICULAR FAILURE**
- 14.45 – 15.00 Current status and future directions for cardiac cell repair therapy:
The end of the beginning?
Bernard Gersh Rochester, USA
- 15.00 – 15.15 The problem of end stage left ventricular dysfunction. Is bioartificial heart the answer?
Doris Taylor Minnesota, USA
- 15.15 – 15.20 **ADJOURN**
Francisco Fernandez-Aviles Madrid, Spain



INVITED FACULTY

Eckhard Alt (Houston, USA)
Stephen L. Archer (Chicago, USA)
Xiaowen Bai (Houston, USA)
Joseph Bartunek (Rochester, USA)
Atta Behfar (Rochester, USA)
Dominique Charron (Paris, France)
Karen Christman (San Diego, USA)
Emanuele Cozzi (Padua, Italy)
Stefanie Dimmeler (Frankfurt, Germany)
Christophe Dubois (Leuven, Belgium)
Greg C. Fonarow (Los Angeles, USA)
Valentin Fuster (New York, USA)
Bernard Gersh (Rochester, USA)
Hossein A. Ghofrani (Giessen, Germany)
Miguel Ángel Gómez-Sánchez (Madrid, Spain)
Joshua M. Hare (New York, USA)
Xi-Ping Huang (Toronto, Canada)
Sharon Hunt (Stanford, USA)
Stefan Janssens (Leuven, Belgium)
Irene M. Lang (Vienna, Austria)
Amir Lerman (Rochester, USA)
Lilach Lerman (Rochester, USA)
Ren-Ke Li (Toronto, Canada)
Konstantinos Malliaras (Los Angeles, USA)
Anthony Marthur (London, UK)
William McKenna (London, UK)
Julio Sandoval-Zárate (México DF, México)
Warren Sherman (New York, USA)
Doris Taylor (Minnesota, USA)
André Terzic (Rochester, USA)
Magdi Yacoub (Harefield, UK)

DIRECTION

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