

Rebuilding the Failing Heart
May 9th and 10th, 2016
Lugano

**Villa Sassa
Lugano**



*Associated Institute
of the University of Zurich*



**University of
Zurich™**



CARDIOCENTRICO

MONDAY MORNING MAY 09th, 2016

09:00 – 09:15 **Welcome remarks**

Tiziano Moccetti

09:15 – 10:00 **Special Lecture**

Introduction

Piero Anversa

GDF11 and Organism Aging

Steven R. Houser

10:00 – 10:30 *Coffee break*

Session 1 Myocardial Damage and Regeneration

Chairs: Tiziano Moccetti, Piero Anversa

10:30 – 11:00 **Redifferentiation and Cardiomyocyte Regeneration**

Thomas Braun

11:00 – 11:30 **Gene Therapy and Vascular Growth**

Maurizio Capogrossi

11:30 – 12:00 **SDF-1 and Cardiac Repair**

Marc Penn

12:00 – 12:45 **Special Lecture**

Introduction

Tiziano Moccetti

Diabetes and heart failure

Marc A. Pfeffer

12:45 – 13:45 *Lunch*

MONDAY AFTERNOON MAY 09th, 2016

Session 2

Mechanisms of Cardiac Repair

Chairs: Giuseppe Vassalli, Marco Moccetti

13:45 – 14:15

The NHLBI CCTR Clinical Trial: CONCERT-HF

Joshua M. Hare

14:15 – 14:45

Pluripotent Stem Cells and Recovery of Myocardial Function

Jianyi Zhang

14:45 – 15:15

Heart Failure and the Extracellular Matrix

Arantxa Gonzalez

15:15 – 15:45

The Complex Mechanisms of Ischemic Cardiomyopathy

Filippo Crea

15:45 – 16:15

Coffee break

16:15 – 17:00

**Special Lecture
Introduction**

Annarosa Leri

The challenges of cell therapy and the mechanisms of cardiopoiesis

André Terzic

17:00

End of the day

TUESDAY MORNING MAY 10th, 2016

09:00 – 09:45 **Special Lecture**
Introduction

Piero Anversa

C-kit-positive Cardiac Stem Cells and Myocyte Renewal

Mark A. Sussman

Session 3 **The Failing Heart**

Chairs: Angelo Auricchio, Annarosa Leri

09:45 – 10:20 **G Protein-Coupled Receptors and Myocardial Dysfunction**

Walter J. Koch

10:20 – 10:55 **Ion Channels and Cardiomyocyte Senescence**

Marcello Rota

10:55 – 11:15 *Coffee break*

11:15 – 11:50 **Gene Therapy for the Failing Heart**

Fabio Recchia

11:50 – 12:25 **The Multiple Aspects of Myocyte Autophagy in the Healthy and Diseased Heart**

Junichi Sadoshima

12:25 – 13:00 **CD34-Positive Cells and the Rescue of the Failing Heart**

Douglas W. Losordo

13:00 – 14:00 *Lunch*

TUESDAY AFTERNOON MAY 10th, 2016

14:00 – 14:45 **Special Lecture**
Introduction

Annarosa Leri

Proteome Biology in Cardiovascular Medicine

Peipei Ping

Session 4 **Gene Expression and Tissue Growth**

Chairs: Federico Quaini, Silvana Bardelli

14:45 – 15:15 **Regulation of Cardiac Gene Expression in Heart Failure**

Thomas M. Vondriska

15:15 – 15:45 **The Microenvironment and the Control of Stem Cell Fate**

Daniela Cesselli

15:45 – 16:15 *Coffee break*

16:15 – 16:45 **Cardiac Cell Therapy On-a-Chip: Understanding the Mechanical Coupling Between Primary and Stem Cell-Derived Cardiomyocytes**

Francesco Pasqualini

16:45 – 17:15 **Control of Vascular Growth**

Keith A. Webster

17:15 – 17:45 **Stem Cell-Derived Exosomes and Cardiac Repair**

Raj Kishore

17:45 – 18:00 **Conclusive Remarks**

Tiziano Moccetti

End of the meeting

COURSE DIRECTORS

T. Moccetti - Lugano, Switzerland
P. Anversa - Lugano, Switzerland
A. Leri - Lugano, Switzerland

INTERNATIONAL FACULTY

T. Braun, München - Deutschland
M. Capogrossi, Roma - Italy
D. Cesselli, Udine - Italy
F. Crea, Roma - Italy
A. Gonzalez, Pamplona - Spain
J. M. Hare, Miami - USA
S. R. Houser, Philadelphia - USA
R. Kishore, Philadelphia - USA
W. J. Koch, Philadelphia - USA
D. W. Losordo, New York - USA
M. Penn, Ohio - USA
M. A. Pfeffer, Boston - USA
P. Ping, Los Angeles - USA
F. Quaini, Parma - Italy
F. Recchia, Philadelphia - USA/ Pisa - Italy
M. Rota, New York - USA
J. Sadoshima, Newark - USA
M. A. Sussman, San Diego - USA
A. Terzic, Rochester - USA
T. M. Vondriska, Los Angeles - USA
K. A. Webster, Miami - USA
J. Zhang, Alabama - USA

NATIONAL FACULTY

A. Auricchio, Lugano
S. Bardelli, Lugano
M. Moccetti, Lugano
F. Pasqualini, Zürich
G. Vassalli, Lugano

Rebuilding the Failing Heart

9th – 10th May

Lugano

Family name

First name

Institute

Department

Institute Address

Institute Postal code

City

Country

(int. Code: ++)

Tel.

Fax

e-mail

Free registration

REGISTRATION FORM

DEADLINE FOR REGISTRATION
29th APRIL 2016

TO BE RETURNED WITH ENCLOSURES TO

Fondazione Cardiocentro Ticino Events and Communication Department

Via Tesserete 48 • CH-6900 Lugano

Phone +41 91 805 31 93 /31 94 - Fax +41 91 805 38 13

congressi@cardiocentro.org

www.cardiocentro.org

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of the University of Zurich



University of
ZurichTM



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