

### Heart Failure Association of the European Society of Cardiology Translational Winter Research Meeting on Heart Failure

18-21 January, 2012  
Les Diablerets, Switzerland

#### Thursday Morning, 19 January

8:10 – 8:15	Thomas Eschenhagen (DE) - Introduction
8:15 – 8:20	Piotr Ponikowski, HFA President (PL) - Welcome
<b>8:20 – 8:45</b>	<b>Brutsaert Lecture</b> <i>Chairs: Piotr Ponikowski (PL) and Thomas Eschenhagen (DE)</i> Steve Brown (UK): Discovery from high throughout mouse phenotyping
<b>8:50 – 10:30</b>	<b>Session I. Therapeutic Target: Pathological Hypertrophy</b> <i>Chairs: Ajay Shah (UK), Christoph Maack (DE)</i>
8:50 – 9:15	Jeff Molkentin (US): The mitochondrial PTP and pathological hypertrophy. <i>This presentation is jointly sponsored by the HFA and the AHA Council on Basic Cardiovascular Sciences</i>
9:15 – 9:40	Leon de Windt (NL): Embryonic signals in foetal gene reactivation
9:40 – 10:05	Kinya Otsu (UK): The molecular link between cell death and sterile inflammation
10:05 – 10:30	Thomas Force (US): A novel cardiac-specific protein kinase that regulates response to pressure overload
10:30 – 10:55	<i>Coffee break</i>
<b>10:55 – 12:55</b>	<b>Session II. Therapeutic Target: Fibrosis</b> <i>Chairs: Dirk Brutsaert (BE), Emilio Hirsch (IT)</i>
10:55 – 11:15	Oral Abstract N° O101: D. Khajetoorians (Hamburg, DE) - Correction of mutant pre-mRNA by spliceosome-mediated RNA trans-splicing in cardiac myocytes from Mybpc3-targeted knock-in mice
11:15 – 11:40	<i>Ryozo Nagai (JP):</i> Fibroblast-dependent regulation of hypertrophy
11:40 – 12:05	W Matthijs Blankesteyn (NL): Potential role of frizzled receptor ligands
12:05 – 12:30	Izhak Kehat (IL): HDAC4 – nucleoporin interaction
12:30 – 12:55	Faiez Zannad (FR): Clinical perspectives on therapy for fibrosis
12:55	<i>Lunch</i>

#### Thursday Evening, 19 January

<b>17:00 - 19:45</b>	<b>Poster Session</b>
<b>Judges:</b>	Jean-Luc Balligand (BE) - Chair of Judges Lars Maier (DE) Guido Tarone (IT) Thomas Thum (DE) Gilles de Keulenaar (BE)
20:00 – 22:00	<i>Dinner</i>

**Friday Morning, 20 January**

**8:30 – 10:05**

**Session III. Therapeutic Target: Protein Quality Control**

*Chairs: Zoltan Papp (HU), Barbara Casadei (UK)*

8:30 – 8:55

Gianluigi Condorelli (IT): Control of protein translation in the heart

8:55 – 9:20

Mathias Gautel (UK): Protein quality control of and by the myofilaments

9:20 – 9:45

Lucie Carrier (DE): Altered protein quality control in hypertrophic cardiomyopathy

9:45 – 10:05

Hugh Watkins (UK): A translational perspective on cardiomyopathy arising from contractile protein mutations

10:05 – 10:30

*Coffee Break*

**10:30 – 12:35**

**Session IV. New Therapies and Biomarkers on the Edge of Clinical Application**

*Chairs: Stefan Anker (DE), Vera Regitz-Zagrosek (DE)*

10:30 – 10:55

René M Botnar (UK): Molecular MRI of endothelial permeability and extracellular matrix remodelling

10:55 – 11:20

Denise Hilfiker-Kleiner (DE): Protecting the heart during cancer chemotherapy

11:20 – 11:45

Stephan Luther (DE): Low energy control of electrical turbulence of the heart

11:45 – 12:10

Kai Christoph Wollert (DE): Emerging biomarkers in heart failure

12:10 – 12:35

Joachim Struck (DE): Industry perspectives on novel biomarkers

12:40

*Group photograph*

12:50

*Lunch*

**Friday Evening, 20 January**

17:00 – 17:30

*Coffee Break*

**17:30 – 19:30**

**Session V. Therapeutic Target: Cardiomyocyte Regeneration**

*Chairs: Gerd Hasenfuss (DE), Manuel Mayr (UK)*

17:30 – 17:55

**Basic Cardiovascular Council Lecture**

Lior Gepstein (IL): Towards cell therapy for human heart failure

17:55 – 18:15

Oral Abstract N°O102: C. Mias (Toulouse, FR) - Ephrin-B1 regulates cell cycle arrest in adult cardiomyocytes: impact on cardiac tissue regeneration

18:15 – 18:40

Antoine Bondue (BE): Multipotent cardiovascular progenitor specification from embryonic stem cells

18:40 – 19:05

Thomas Braun (DE): Dissecting stem cell biology with proteomics

19:05 – 19:30

Stefan Janssens (BE): Clinical perspectives on cardiac cell therapy

20:00 – 22:00

*Dinner and announcement of poster prize winners*

**Saturday Morning, 21 January**

**8:30 – 10:30**

**Session VI. Therapeutic Target: Calcium Dysregulation**

*Chairs: Rodolphe Fischmeister (FR), Karin Sipido (BE)*

8:30 – 8:55

Stephan Lehnart (DE): Imaging calcium nanodomains and leak mechanisms in arrhythmias

8:55 – 9:20

David Eisner (UK): How to target the calcium leak

9:20 – 9:45

Ludwig Neyses (UK): Genetic and pharmacological targeting of the sarcolemmal calcium pump (PMCA4)

9:45 – 10:10

Thomas Gudermann (DE): Role of TRP channels

10:10 – 10:30

Burkert Pieske (AU): Translational perspectives

10:30 – 10:50

*Coffee Break*

**10:50 – 12:30**

**Session VII. Inherited cardiac diseases – from molecular characterization to individualized therapy**

*Chairs: Stuart Cook (UK), Stefan Engelhardt (DE)*

10:50 – 11:15

Eric Schulze-Bahr (DE): Genetic testing for the channelopathies and cardiomyopathies

11:15 – 11:40

Yigal Pinto (NL): Altered miRNA binding as a new disease mechanism

11:40 – 12:05

Bjorn Knollmann (US): Individualized therapy in inherited cardiac diseases

12:05 – 12:30

Thomas Voit (FR): Perspectives for curative therapy to correct gene defects

**12:30**

**Concluding remarks – Ajay Shah**

12:40

*Lunch and departure*