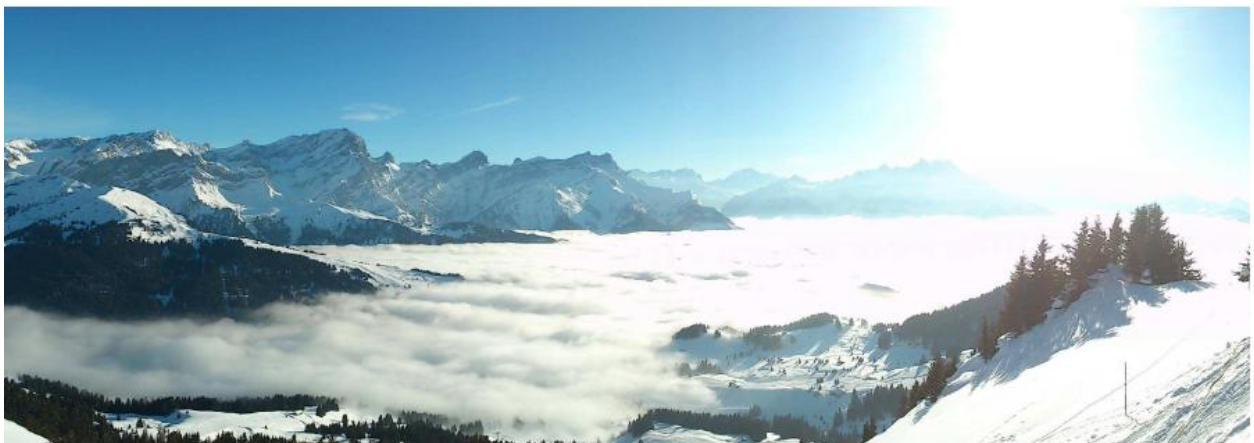
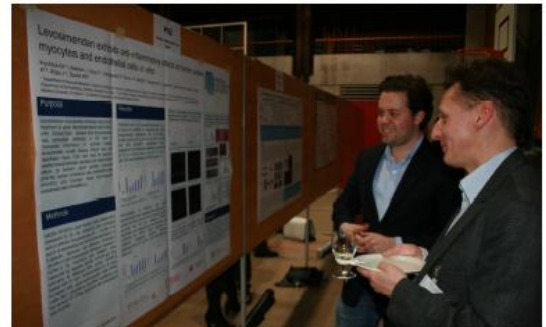


2017 Winter Meeting on Translational Heart Failure Research

Organized by the
Heart Failure Association (HFA) and the
Working Group on Myocardial Function of the ESC

Les Diablerets, Switzerland, January 25 – 28, 2017



Day 1

Thursday, 26 January 2017

08:00 – 08:10 **Rudolf de Boer** (NL)
Welcome from the Chair of the Basic and Translational Science Section of the HFA

Session 1

Chairs:

Metabolic reprogramming of organ function

Linda van Laake (NL), Jean-Luc Balligand (BE)

08:10 – 08:35 **Gerald Dorn** (IT)

Metabolic regulation of mitochondrial and stem cell function

08:35 – 09:00 **Ajay Shah** (UK)

Nox4-mediated metabolic reprogramming and role in cardiac stress adaptation

09:00 – 09:25 **Rudolf de Boer** (NL)

Impact of cardiac LXR α on cardiac hypertrophy

09:25 – 09:50 **Michael Potente** (DE)

Coupling of metabolic activity and growth state in the endothelium

09:50 – 10:20 Coffee Break

Session 2

Chairs:

Nuclear aspects to cardiovascular development and disease

Lutz Hein (DE), Thierry Pedrazzini (CH)

10:20 – 10:45 **Vincent Christoffels** (NL)

Transcriptional regulation in heart development and stress

10:45 – 11:10 **Benjamin Meder** (DE)

Role of DNA methylation in cardiomyopathy

11:10 – 11:35 **Mauro Giacca** (IT)

RNA mimics in cardiac regeneration

11:35 – 12:00 **Saptarsi Haldar** (US)

Epigenetics in Heart Failure.

12:30

Lunch

15:00 – 16:15

Special workshop of the Working Group of Myocardial Function: OMICs Bootcamp

Chairs:

Manuel Mayr (AT), Blanche Schroen (NL)

This will be a hands-on session: participants will bring their own laptops and will go through the actual analyses during the boot camp, under supervision.

Number of people limited to 15-20 on a first come, first serve basis.

Raimund Pechlaner (AT)
Javier Barallobre-Barreiro (UK)

16:00 – 16:15 **General discussion**

16:45 – 17:30

Brutsaert Lecture

Introduction: **Ajay Shah**

(UK)

Barbara Casadei

(UK)

Neuronal nitric oxide synthase: From atrial fibrillation to cardiomyopathy and beyond

17:30 – 19:45

Poster Session

Poster Judges

Thomas Eschenhagen (Chair) (DE)

Eva van Rooij (NL)

Stephane Germain (FR)

Denise Hilfiker-Kleiner (DE)

Ajay Shah (UK)

Thomas Thum (DE)

G de Keulenaer (BE)

Leon de Windt (NL)

Lucie Carrier (DE)

Dirk Brutsaert (BE)

Clinical Discussants

Petar Seferovic (RS)

Johann Bauersachs (DE)

Mitja Lainscak (SI)

Frank Ruschitzka (CH)

Wiek H. van Gilst (NL)

Carolyn Lam (SG)

Karen Sliwa (SA)

Alexandre Mebazaa (FR)

20:00

Dinner

Day 2

Friday, 27 January 2017

Session 3

Chairs:

Targeting the innate immunity to treat heart failure

Stephane Heymans (NL), Martin Sterba (CS)

08:00 – 08:25	Anna Papageorgiou (GR/BE) Basic and translational aspects of inflammation in heart failure
08:25 – 08:50	Urs Eriksson (CH) T-cell therapy in heart failure
08:50 – 09:15	Graham Rena (UK) Anti-inflammatory properties of metformin independent of its anti diabetic properties
09:15 – 09:40	F Leuschner (DE) Monocyte directed RNAi silencing in cardiovascular inflammation
09:40– 10:10	Coffee Break

Session 4

Chairs:

Heart Failure Mechanics

Carlo G. Tocchetti (IT), Ida Lunde (NO)

10:10 – 10:35	Ben Prosser (US) Microtubules buckle and bear load in cardiac myocytes
10:35 – 11:00	Julia Gorelik (UK) Microtubule dysfunction and Ca ²⁺ handling in heart failure
11:00 – 11:25	Jeff Molkentin (US) How myocyte tension determines the mode of hypertrophic signaling
11:25 – 11:50	Christoph Maack (DE) Mitochondria relay tension to redox – Implications for disease and inotropic treatments
12:00	Group Photograph
12:15	Lunch

16:30 – 17:00

Poster viewing with coffee

17:00 – 18:00

Special Lecture: HFpEF: from mechanisms to new treatments
Carolyn Lam (SG)

19:00

Dinner and announcement of poster prize winners

Day 3

Saturday, 28 January 2017

Session 6

Chairs:

Non-myocyte cells in heart failure development

Stephane Germain (FR), Arantxa González (ES)

08:30 – 08:55	Nazdha Hamdani (DE) Activated fibroblasts regulate cardiac remodeling
08:55 – 09:20	Ebba Brakenhielm (FR) Cardiac Lymphangiogenesis after myocardial infarction and fibrosis
09:20 – 09:45	Jörg Heineke (DE) Endothelial derived GATA2 dependent long non-coding RNAs interfere with cardiomyocyte stress signalling
09:45 – 10:05	GUIDO TARONE AWARD
10:05 – 10:25	Coffee Break

Session 7

Chairs:

Systems cardiology: Putting the pieces together

Johannes Backs (DE), Alexander Lyon (UK)

How to make sense of....

10:25 – 10:45	Jordi Hejman (NL) Modeling of ion fluxes
10:45 – 11:10	Christoph Dieterich (DE) Analysis of different RNA species and modifications
11:10 – 11:35	Eileen Furlong (DE) Modeling metabolic traits
11:35 – 12:00	Manuel Mayr (UK) The big picture and future outlook
12:00 – 12:10	Concluding remarks, adjourn
12:30	Lunch
13:15	Departure of bus to Geneva