HEART FAILURE WITH PRESERVED EJECTION FRACTION: Lessons Learned and Directions Forward Future Therapies

Bergamo (Italy), June 14th - 16th, 2012

Organized by
OSPEDALI RIUNITI BERGAMO
Cardiovascular Department
Fondazione per la Ricerca Ospedale Maggiore
and
MEDICAL UNIVERSITY GRAZ
Department of Cardiology & Ludwig-Boltzmann-Institute for Translational Heart Failure Research
and
FONDAZIONE INTERNAZIONALE MENARINI

PROGRAM

Villa Gallarati Scotti
Oreno (Italy)
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The management of chronic HF with reduced ejection fraction has significantly improved over the last 2 decades, but no real progress has been made in HFpEF. Despite the high prevalence, mortality, and cost of HFpEF, large phase III international clinical trials investigating interventions to improve HFpEF outcomes have yielded disappointing results. Therefore, treatment of HFpEF remains largely empiric, and almost no acknowledged standards exist. There is no single explanation for the negative results of past HFpEF trials. Concerns are mainly related to incomplete understanding of HFpEF pathophysiology, mechanism of action of study drug, suboptimal study design, target patient population, and suboptimal center selection for trial conduct.

The Workshop “Heart failure with preserved ejection fraction: lessons learned and directions forward future therapies” will feature up-to-date presentations on pharmacological and non-pharmacological interventions to improve HFpEF outcomes.

The Workshop program format includes epidemiologic aspects, diagnostic tools, lessons learnt from the past, with particular focus on new drugs and the design of effective and efficient trials in order to improve outcomes in HFpEF.

The perspective of the Workshop devoted to HFpEF will be: a) to summarise the current state of therapies and management concepts for HFpEF; b) to discuss why recent trials may have failed and how future trials in this field should be designed; and c) analyse recent data on novel therapeutic strategies. All attendants are internationally renowned experts in their fields. A summary of the results of the workshop will be published.

Michele Senni, Antonello Gavazzi, Burkert M. Pieske
Thursday, June 14th, 2012 - Afternoon

Opening and Introduction

14.00 Welcome address and Introduction
Michele Senni, Antonello Gavazzi (Bergamo, I)
and Burkert M. Pieske (Graz, A)

Chairman: Stefan Anker (Berlin, D)

14.15 Key Lecture I
Daniel Levy (Boston, USA)
HFpEF: definition, risk and epidemiology

14.45 Key Lecture II
Michael Frenneaux (Aberdeen, UK)
Diagnostic criteria for HFpEF: similar or different for Consensus and Clinical Randomized Trials?

15.15 Coffee break

Session I How to target therapy to specific subgroup of patients

Chairpersons: Alan G. Fraser (Cardiff, UK)
Michele Emdin (Pisa, I)

15.30 James Fang (Cleveland, USA)
Do we need individualized diagnostic and etiologic criteria?
Discussant: Stefan Anker (Berlin, D)

15.55 Alan G. Fraser (Cardiff, UK)
Can we use imaging parameters for therapeutic decisions?
Discussant: Scott D. Solomon (Boston, USA)

16.20 Ken McDonald (Dublin, IRL)
Can we use biomarkers for prediction of therapeutic effectiveness?
Discussant: Michael Fu (Göteborg, SW)

16.45 General Discussion with Speakers and Discussants

Friday, June 15th, 2012 - Morning

Session II The large trials: did they really fail, and why?

Chairpersons: Otto A. Smiseth (Oslo, N)
Piotr Ponikowski (Wroklaw, PL)

08.00 Andrew J.S. Coats (Norwich, UK)
RAS Inhibition in HFpEF: concepts and misconcepts
Discussant: Piotr Ponikowski (Wroklaw, PL)

08.25 Marco Metra (Brescia, I)
Beta-Blockers in HFpEF: evidence from trials or meta-analysis?
Discussant: Andrew J.S. Coats (Norwich, UK)

08.50 Scott D. Solomon (Boston, USA)
Why the large trials have possibly failed
Discussant: James Fang (Cleveland, USA)

09.15 General Discussion with Speakers and Discussants

09.45 Coffee break
Friday, June 15th, 2012 - Morning

Session III  Emerging therapies I: targeting the heart

Chairpersons: Gianni Cioffi (Trento, I)
              Scott Hummel (Ann Arbor, USA)

10.45  Marco Guazzi (Milan, I)
PDE5-Inhibition: from theory to RELAX trial
11.05  Discussant: Selma Mohammed (Rochester, USA)

11.10  Walter J. Paulus (Amsterdam, NL)
PKG-Stimulation
11.30  Discussant: Attila Borbely (Debrecen, HU)

11.35  Michele Senni (Bergamo, I)
Late Na channel blockers: improving relaxation and coronary microcirculation?
11.55  Discussant: Giuseppe Ambrosio (Perugia, I)

12.00  Pierre V. Ennezat (Lille, F)
Functional mitral regurgitation and preserved ejection fraction
12.20  Discussant: Mauro Gori (Bergamo, I)
12.25  General Discussion with Speakers and Discussants

13.00  Lunch

Friday, June 15th, 2012 - Afternoon

Session IV  Emerging Therapies II: the Periphery

Chairpersons: Dirk L. Brutsaert (Antwerp, B)
              Michael Fu (Göteborg, SW)

15.00  Piotr Ponikowski (Wroklaw, PL)
New anabolics and IV iron therapy in HFpEF
15.20  Discussant: Massimo Piepoli (Piacenza, I)

15.25  William Little (Winston-Salem, USA)
Optimizing vascular coupling and endothelial function
15.45  Discussant: Carsten Tschöpe (Berlin, D)

15.50  Walter J. Paulus (Amsterdam, NL)
Optimizing metabolic control: any effects?
16.15  Discussant: Roberto Trevisan (Bergamo, I)

16.15  Scott Hummel (Ann Arbor, USA)
Improving renal function and fluid homeostasis
16.35  Discussant: Giuseppe Remuzzi (Bergamo, I)

16.40  General Discussion with Speakers and Discussants
Friday, June 15th, 2012 - Afternoon

Session V  Emerging Therapies III: the extracellular matrix & devices

Chairpersons: Antonello Gavazzi (Bergamo, I) Carolyn Lam (Singapore, SG)

17.00  Javier Diez (Pamplona, E)
Matrix alterations in HFpEF
Discussant: Ken McDonald (Dublin, IRL)

17.25  Marc Pfeffer (Boston, USA)
Aldosterone receptor blockade: from theory to Aldo-DHF & Topcat
Discussant: Frank Edelmann (Göttingen, D)

17.50  Otto A. Smiseth (Oslo, N)
Inhomogeneities in relaxation and filling-role for resynchronization?
Discussant: Alan G. Fraser (Cardiff, UK)

18.15  Gaetano De Ferrari (Pavia, I)
Parasympathetic modulation
Discussant: Erwan Donal (Rennes, F)

18.40  General Discussion with Speakers and Discussants

Saturday, June 16th, 2012 - Morning

Session VI  Acute heart failure and preserved ejection fraction

Chairpersons: Andrea Di Lenarda (Trieste, I) Mihai Gheorghiade (Chicago, USA)

08.00  Gerasimos Filippatos (Athens, GR)
Epidemiological and diagnostic insights: defining the target population
Discussant: Fabrizio Oliva (Milan, I)

08.25  Theresa A. McDonagh (London, UK)
Peculiarities in the treatment of acute HFpEF patients
Discussant: Hans Peter Brunner La Rocca (Maastricht, NL)

08.50  Mihai Gheorghiade (Chicago, USA)
Challenges in acute HFpEF Trials
Discussant: Aldo Maggioni (Florence, I)

09.15  General Discussion with Speakers and Discussants

09.35  Coffee break

Session VII  Perspectives for the future in chronic HFpEF: ways to go

Chairpersons: Antonello Gavazzi (Bergamo, I) Michael Frenneaux (Aberdeen, UK)

10.00  Carolyn Lam (Singapore, SG)
Sex differences in HFpEF?
Discussant: Renata De Maria (Milan, I)

10.25  Burkert M. Pieske (Graz, A)
Non pharmacologic interventions: exercise training and beyond
Discussant: William Little (Winston-Salem, USA)

10.50  Dirk Van Veldhuisen (Groningen, NL)
Surrogate end-points in future phase II RCT?
Discussant: Gerasimos Filippatos (Athens, GR)

11.15  Aldo Maggioni (Florence, I)
Which end-point in phase III RCT?
Discussant: Scott D. Solomon (Boston, USA)

11.40  General Discussion with Speakers and Discussants
GENERAL INFORMATION

Workshop venue
The venue for the Workshop will be Villa Gallarati Scotti, Oreno (Italy).

Secretariat during the Workshop
The Secretariat will be open at the following times:
Thursday, June 14th, from 01.30 p.m. to 07.00 p.m.
Friday, June 15th, from 07.45 a.m. to 06.30 p.m.
Saturday, June 16th, from 08.00 a.m. to 01.30 p.m.

Official language
The official language of the Workshop will be English.

Technical facilities
Facilities will be available for computer presentations and overhead projections.
A business center with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers take their presentation to the business center at least one hour before the session starts.
The center will be open at the following times:
Thursday, June 14th, from 12.00 p.m. to 07.00 p.m.
Friday, June 15th, from 07.30 a.m. to 06.30 p.m.
Saturday, June 16th, from 07.30 a.m. to 01.30 p.m.

Lunches and coffee breaks
Lunches and coffee breaks will be served in the Meeting area.

Saturday, June 16th, 2012 - Morning

Session VIII  Learning from invasive hemodynamic studies

Chairman: Burkert M. Pieske (Graz, A)

12.00  Eva Prokopczuk (Foster City, USA)
The RALI-DHF study in details
12.15  Discussant: William Little (Winston-Salem, USA)
12.20  Michele Senni (Bergamo, I)
REFILL trial protocol
12.35  General Discussion with Speakers and Discussant

Chairman: Daniel Levy (Boston, USA)

13.00  Key Lecture III
Marc Pfeffer (Boston, USA)
Where will we go in HFpEF management - my personal view
13.30  Concluding Remarks
Michele Senni (Bergamo, I), Antonello Gavazzi (Bergamo, I)
and Burkert M. Pieske (Graz, A)
LIST OF CHAIRMEN, SPEAKERS, DISCUSSANTS
AND SCIENTIFIC SECRETARIES OF THE WORKSHOP

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