Treatments targeting inotropy: New hope for an old concept or “The Emperor’s new clothes”? 

Seen through the eyes of the inventors, basic scientists and clinical trialists

ESC Office, Brussels, BE 
March 10-11, 2014

The Emperor’s new clothes: The story is about a situation where “no one believes, but everyone believes that everyone else believes.” Hansen, Jens Ulrik (2011): “A logic-based approach to pluralistic ignorance” (Academia.edu)
Day 1

Monday, March 10, 2014

11:00 – 12:00 Arrival and lunch at Hotel, Brussels
12:00 – 12:30 Short walk to ESC Office Brussels

12:40 – 13:00 Introduction Zoltán Papp (HU) Denise Hilfiker-Kleiner (DE)

13:00 – 13:30 Inotropes – New hope for an old concept or “The Emperor’s new clothes”? Alexandre Mebazaa (FR)

The Clinical Need
Discussants: Dirk Brutsaert (BE), Burkert Pieske (AT)

13:30 – 13:45 Chronic Heart Failure John Cleland (UK)
13:45 – 13:55 Discussion
13:55 – 14:10 Acute Heart Failure Christoph Maack (DE)
14:10 – 14:20 Discussion

The “old” concepts – β-adrenergic signalling
Discussants: Wolfram Zimmermann (DE), Gilles De Keulenaer (BE)

14:20 – 14:45 Adrenergic control by PDEs Rodolphe Fischmeister (FR)
14:45 – 15:15 Adrenergic inotropes – have they really “failed”? Birhan Yilmaz (TK)
15:15– 15:45 Discussion (all)

15:40 – 16:10 Coffee Break

New concepts

Targeting Ion Handling
Discussants: Frank Heinzel (AT), Rudolf de Boer (NL)

16:10 – 16:30 The basics Frank Heinzel (AT)
16:30 – 16:40 Discussion
16:40 – 17:00 SERCA gene therapy Alexander Lyon (UK)
17:00 – 17:20 Discussion
17:20 – 17:40 Nitroxyl (Angeli’s salt) C. Gabriele Tocchetti (IT)
17:40 – 18:00 Discussion
18:00 – 18:20 EF Hand proteins Joseph Metzger (US)
18:20 – 18:40 Discussion
18:40 – 19:30 General Discussion

20:00 Dinner
Day 2

Tuesday, March 11, 2014

**Targeting Sarcomeres – Classics**
Discussants: Lucie Carrier (DE), Jean-Luc Balligand (BE)

- **08:30 – 08:50** The basics - Wolfgang Linke (DE)
- **08:50 – 09:00** Discussion

Ca²⁺ sensitzers:
- **09:00 – 09:20** Failure! - Thomas Eschenhagen (DE)
- **09:20 – 09:40** Useful! - Zoltán Papp (HU)
- **09:40 – 09:45** Comment - V. P. Harjola (FI)
- **09:45 – 10:00** General discussion (all)
- **10:00 – 10:30** Coffee break

**Targeting Sarcomeres – New kids on the block**
Discussants: Denise Hilfiker-Kleiner (DE), Petar Seferovic (RS)

- **10:30 – 10:50** Omecamtiv mecarbil - Fady Malik (US)
- **10:50 – 10:55** Comment - Aldo Maggione (IT)
- **10:55 – 11:10** Discussion (all)
- **11:10 – 11:30** Small molecules targeting motorproteins - Dietmar Manstein (DE)
- **11:30 – 11:35** Comment - Christian Müller (CH)
- **11:35 – 11:50** Discussion (all)

**Challenges in acute heart failure trials**
Discussants: Alexandre Mebazaa (FR), Stephane Heymans (NL)

- **11:50 – 12:05** Choosing the right endpoints in clinical trials - Gerasimos Filippatos (GR)
- **12:05 – 12:10** Comment - Marco Metra (IT)
- **12:10 – 12:30** Discussion (all)
- **12:30 – 12:45** Drug development - A road full of challenges and pitfalls - Piero Pollesello (FI)
- **12:45 – 13:10** Comment - Johannes Holzmeister (CH)
- **12:50 – 13:10** Discussion (all)

- **13:10 – 14:00** General Discussion - Christoph Maack (DE), Alexandre Mebazaa (FR)
  - overall ideas and concepts
  - unaddressed issues
  - task assignments for manuscript

- **14:00** Lunch, Departure