

August 24, 2017

6:00 PM

A-CURE COCKTAIL AND DINNER RECEPTION

Cocktail Reception: 6-7:00 pm, Salt Restaurant Bar

Dinner: 7-9:00pm, Pool Terrace at the W Hotel

August 25, 2017

Meeting Site

W Hotel

Great Room 1 & 2

Plaça de la Rosa, 1

Final Passeig de Joan Borbó

Barcelona, Spain, 08039

7:00-8:15 AM

Breakfast

Salt Restaurant

8:15-8:20 AM

Introductory Comments by Conference Chairs

8:20 – 9:35 AM

SESSION IA

ADVANCES IN THE BASIC SCIENCE OF ACUTE UNLOADING AND MYOCARDIAL SALVAGE

Discussion leaders: Bart Meyns & Claudius Mahr

8:20-8:35

Dan Burkhoff (Columbia University), *Perspectives on Acute Unloading*

8:35-8:50

Navin Kapur (Tufts Medical Center), *Insights into the Molecular Basis of Acute Unloading and Cardioprotection*

8:50-9:05

Roger Hajjar (Mt. Sinai Hospital), *Impella Support and Cardiac Gene Therapy for Heart Failure*

9:05-9:20

Jacob Møller (Odense University Hospital), *Comparative Hemodynamic Response to Impella vs. ECMO Support in a Novel Cardiogenic Shock Model*

9:20-9:35

**Panel Discussion: *Bench to Bedside Research Opportunities and Challenges*
Dan Burkhoff, Kenji Sunagawa, Navin Kapur, Roger Hajjar, Jacob Møller, Bart Meyns, Claudius Mahr**

9:35-9:45 AM

Break (Great Room Foyer/Great Room Terrace)

9:45 – 10:50 AM

SESSION II

TOWARDS A CLINICAL MANDATE FOR CARDIAC UNLOADING

Discussion leaders: Andreas Schäfer & Ryan Tedford

- 9:45-10:00 Carsten Tschöpe (Berlin-Brandenburg Center for Regenerative Therapy), *Ventricular Unloading to Mitigate Inflammation and Promote Recovery in Myocarditis*
- 10:00-10:15 Babar Basir (Henry Ford Hospital), *Institutional Algorithms, Mechanical Support, & Patient Outcomes: The Detroit Cardiogenic Shock Initiative*
- 10:15-10:30 Perwaiz Meraj (Northwell), *The Door To Unload in STEMI Safety and Feasibility Study*
- 10:30-10:50 Panel Discussion: *Translational Research Opportunities and Challenges*
- Navin Kapur, Jacob Møller, Bart Meyns, Roger Hajjar, Jeff Moses, Andreas Schäfer, Carsten Tschöpe, Babar Basir, Perwaiz Meraj, Ryan Tedford

10:50-11:10 AM **Break (Great Room Foyer/Great Room Terrace)**

11:10-11:45 AM **SESSION III**

TALKS FROM FEATURED ABSTRACTS

Discussion leaders: Patrick Hunziker & Kenji Sunagawa

- 11:10-11:25 **Best in Research Scholarship Awardee**
- Carlos del Rio (Myokardia), *Paradoxical Mechano-Energetic Costs of Acute Mechanical Intra-Ventricular Unloading: LVAD Energetic Unloading, What We Know For Sure that Maybe Just Ain't So*
- 11:25-11:40 Silvia Burchielli (Gabriele Monasterio Tuscany Foundation), *Percutaneous Cardiac Support During Myocardial Infarction Drastically Reduces Mortality: Perspectives from a Swine Model*
- 11:40-11:55 Kiyotake Ishikawa (Mt. Sinai Hospital), *LV Support Using Impella Relieves LA Stretch and Inhibits Atrial Arrhythmias through Reduced Oxidative Stress*

11:55-1:15 PM **Lunch & Poster Viewing**

Salt Restaurant

Posters: Great Room 1 & 2

1:15-2:15 PM **KEYNOTE SPEAKER**

Valentin Fuster, MD, PhD

New Frontiers in the Cardiovascular Field: The Science of Health

Editor-in-Chief, *Journal of the American College of Cardiology*

Member: Institute of Medicine of the National Academy of Sciences

Icahn School of Medicine at Mount Sinai, Chief of Cardiology

2:15-2:30 PM **Break (Great Room Foyer/Great Room Terrace)**

2:30-4:30 PM **SESSION IV**

ADVANCES IN THE CLINICAL SCIENCE OF ACUTE UNLOADING AND MYOCARDIAL SALVAGE

Discussion leaders: Jeff Moses & Hermann Reichenspurner

- 2:30-2:45 Elazer Edelman (Harvard/Massachusetts Institute of Technology), *Determining Patient Cardiac Function from Integrated Device Parameters*
- 2:45-3:00 Mark Anderson (Hackensack University Medical Center), *Clinical Data and Experience with a Novel Right Ventricular Support Device, the Impella RP*
- 3:00-3:15 Ralf Westenfeld (University of Düsseldorf), *Impella Support Improves Pulmonary Congestion in Cardiogenic Shock Patients*
- 3:15-3:30 Dirk Westermann (University Of Hannover), *Combining ECMO and Impella for the Treatment of Cardiogenic Shock*
- 3:30-3:45 Talk Selected from Featured Abstracts
- Kapildeo Lotun (University of Arizona), *Optimal Hemodynamic Support during cardiac arrest in the Cardiac Catheterization Laboratory*
- 3:45-4:00 Young Investigator Scholarship Winner
- Daniel Scheiber (Heinrich-Heine University), *Myocardial Mitochondrial ROS Production is Reduced in the Left Ventricle of Mechanically Unloaded Hearts*
- 4:00-4:30 Panel Discussion: *Future Directions of Acute Unloading*
- Ryan Tedford, Navin Kapur, Mark Anderson, Nir Uriel, Patrick Hunziker, Claudius Mahr, Hermann Reichenspurner, Carsten Tschöpe, Elazer Edelman

4:30 PM

CLOSING COMMENTS, AUDIENCE FEEDBACK, AND ADJOURN

4:45-7:00 PM

Cocktail Reception & Poster Viewing
Great Room Terrace and Foyer