

**August 25, 2016**

**7:00 PM**

**A-CURE COCKTAIL AND DINNER RECEPTION**

Via Villa Miani  
Trionfale 151  
00136 Rome, Italy

**August 26, 2016**

**Meeting Site**

Villa Miani  
Via Trionfale 151  
00136 Rome, Italy

**7:30-8:15 AM**

**Breakfast**

**8:15-8:30 AM**

**Introductory Comments by Conference Chairs**

**8:30 AM-12:00 PM**

**SESSION 1**

***ADVANCES IN THE BASIC SCIENCE OF ACUTE UNLOADING AND MYOCARDIAL SALVAGE***

Discussion leaders: Roger Hajjar & Elazer Edelman

**8:30-9:30**

**Opening Lecture. Eugene Braunwald (Harvard Medical School), *Acute MI to Heart Failure: The Past, The Present, and the Future***

**9:30-9:50**

**Dan Burkhoff (Columbia University), *The Science Behind Acute Unloading***

**9:50-10:10**

**Kenji Sunagawa (Kyushu University), *Neuromodulation and Cardiac Unloading***

**10:10-10:30**

**Navin Kapur (Tufts Medical Center), *Primary Unloading in AMI and Minimizing Infarct Size***

**10:30-10:45 AM**

**Break**

Discussion Leader: Andreas Schaefer

**10:45-11:05**

**Patrick Hunziker (University Hospital Basel), *Cardiogenic Shock: From Hemodynamic Simulations to Patient Management***

**11:05-11:25**

**Michel Esposito, Tufts Medical Center, Winner of the Young Investigator Scholarship, *From Door to Balloon to Door to Unload: A Transcriptome Analysis Identifies that Primary Unloading Globally Shifts Gene Expression and Preserves Mitochondrial Integrity within the Infarct Zone during the Acute Phase of AMI***

**11:25-12:00**

**Panel Discussion: *Translational Research Opportunities and Challenges***

**Dan Burkhoff, Kenji Sunagawa, Navin Kapur, Elazer Edelman, Patrick Hunziker**

12:00-1:00 PM      **Lunch & Poster Viewing**

1:00-2:00 PM      **KEYNOTE SPEAKER**

Joseph Hill, MD PhD  
*Heart Failure: The Path Ahead*  
UT Southwestern  
Chief, Division of Cardiology  
Editor-In-Chief, *Circulation*

2:00-4:30 PM

**SESSION 2**

***ADVANCES IN THE CLINICAL SCIENCE OF ACUTE UNLOADING AND MYOCARDIAL SALVAGE***

Discussion leaders: Jacob Møller & Stavros Drakos

2:00-2:15      Mark Anderson (Einstein Medical Center), *Surgical Perspective and Clinical Utility of Acute Unloading*

2:15-2:30      William O'Neill (Henry Ford Hospital), *Acute Unloading in the Setting of AMI Complicated by Cardiogenic Shock*

2:30-2:45      Talk Selected from Abstracts, James Udelson, MD, Tufts Medical Center, *Incorporating Infarct Size into Trial Composite Endpoints: Implications for Unloading Trials*

2:45-3:00      Takahiro Arimura, Kyushu University, Winner of the Best In Research Scholarship, *Neuro-Mechanical Unloading for Acute Myocardial Ischemia Synergistically, Strikingly Reduces Infarct Size and Prevents Heart Failure in the Long Term*

3:00-3:15 PM      **Break**

Discussion leaders: Nir Uriel, Navin Kapur

3:15-3:30      Talk Selected from Abstracts, Michael Cohen, University of Southern Alabama, *To Have Clinical Value, Future Cardioprotection Interventions Must Provide Additive Protection to That from a P2Y<sub>12</sub> Receptor*

3:30-3:45      Ryan Tedford (Johns Hopkins Medicine), *Mechanical Support for Right-sided and Biventricular Failure*

3:45-4:00      Derek Hausenloy (Duke-NUS Medical School), *Reducing Myocardial Infarct Size: Translational Challenges and Opportunities*

4:00-4:30      Panel Discussion: *Future Directions of Acute Unloading*  
William O'Neill, Ryan Tedford, Derek Hausenloy, Eric Peterson, Mark Anderson

4:30-4:45 PM

**CLOSING COMMENTS, AUDIENCE FEEDBACK, AND ADJOURN**

Dan Burkhoff, William O'Neill, Navin Kapur, & Mark Anderson