

August 29, 2019

6:00 PM

A-CURE COCKTAIL AND DINNER RECEPTION

Pavilion Cambon Capucines, Paris
46 rue Cambon - 75001 Paris
Cocktail Reception 6:00PM
Dinner: 7:00PM

August 30, 2019

Meeting Site

InterContinental Paris le Grand
Plenum Opera Ballroom
2 Rue Scribe
Paris, 75009, France

7:00-8:00 AM **BREAKFAST: BERLIOZ ROOM**

8:00-8:10 AM Welcome and Introductory Comments

8:10 – 10:00 AM **SESSION I**
***ADVANCES IN BASIC AND PRECLINICAL SCIENCE OF ACUTE UNLOADING
AND MYOCARDIAL SALVAGE***

Discussion leaders: Ralf Westenfeld, Kenji Sunagawa

- 8:10 – 8:25** **Dan Burkhoff (Columbia)**, The State of the Field of Unloading
- 8:25 – 8:40** **Howard Chen (Tufts Medical Center)**, A Novel Imaging Probe for the Detection of Autophagy in Preclinical Swine Models of Myocardial Ischemia-Reperfusion Injury
- 8:40 – 8:55** **Lija Swain (Tufts Medical Center)**, Acute Unloading Preserves Energy Substrate Utilization and Protects the Functional Integrity of Mitochondrial Complex I in Preclinical Models of Ischemia without Reperfusion
- 8:55 – 9:10** **Nanna Udesen (Odense University Hospital)**, Winner: Young Investigator Scholarship, Impact of Concomitant Vasoactive Treatment in Active Left Ventricular Unloading in Cardiogenic Shock
- 9:10 – 9:25** **Break**
- Discussion leaders: Eric Peterson, Hermann Reichenspurner,
- 9:25 – 9:40** **Kiyotake Ishikawa (Mt. Sinai Hospital)**, Improving the Gene Transduction Efficiency of Intracoronary Delivery Using the Impella
- 9:40 – 9:55** **Heimo Ehmke (University Center Hamburg-Eppendorf)**, Winner: Best in Research Award, Reversal of Myocardial Infarction-induced Changes in Gene Expression by Ventricular Unloading in Rats

9:55 – 10:10 **Dan Burkhoff (Columbia University)** A Novel Superior Vena Cava Occlusion Catheter System Reduces Biventricular Filling Pressures While Maintaining Cardiac Output in a Model of Acute Congestive Heart Failure

10:10 – 11:00 AM **Poster Session #1**

11:00 – 11:45 AM **KEYNOTE SPEAKER**

Introduction: Dan Burkhoff

DOUGLAS MANN, MD

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE IN ST. LOUIS

The Role of Hemodynamic Load in Left Ventricular Remodeling and Reverse Left Ventricular Remodeling

11:45 – 12:15 PM **PANEL DISCUSSION: Recovering the Failing Heart: What's the best approach?** Douglas Mann, Rob Dowling, Navin Kapur, Dan Burkhoff, Ryan Tedford, Jacob Møller

Moderator: Bart Meyns

12:15 – 1:00 PM **LUNCH: BERLIOZ ROOM**

1:00-2:00 PM **Poster Session #2**

2:00 – 4:30 PM **SESSION II**

NEW FRONTIERS AND CLINICAL TRANSLATION OF CARDIAC UNLOADING

Discussion leaders: Claudius Mahr, Andreas Schäfer

2:00 - 2:15 **L. Christian Napp (Hannover Medical School)**, Impella Mechanical Circulatory Support for Takotsubo Syndrome with Shock

2:15 - 2:30 **Navin Kapur (Tufts Medical Center)**, Cardiorenal Implications of Acute Mechanical Circulatory Support

2:30 - 2:45 **Bernard Schieffer (University Hospital Giessen and Marburg)**, Impact of Microaxillar Mechanical Ventricular Support on Renal Resistive Index in Patients with Cardiogenic Shock After Myocardial Infarction.

2:45 - 3:00 **Carsten Tschöpe (Charite, CVK)** Prolonged Impella – Mode of Action and Clinical Implications

3:00 - 3:15 **Alexander Bernhardt (University Hospital Hamburg-Eppendorf)** Long-term Support Using Surgically Implanted Impella Devices

3:15 - 3:30 **Break**

Discussion leaders: Patrick Hunziker, George Vetrovec

3:30 - 3:45 **Bill O'Neill (Henry Ford Hospital)**, Update from the National Cardiogenic Shock Initiative

3:45 - 4:00 **Jason Williams (Ocean Springs Hospital)**, Peri-procedural Ventricular Unloading with Impella Optimizes Outcomes in High-risk Patients at a Community Hospital

4:00 - 4:15 **Jaime Hernandez-Montfort (UTMB Health)**, Longitudinal Impact of Temporary Mechanical Circulatory Support on Durable Ventricular Assist Device Outcomes: An IMACS Registry Analysis

4:15 - 4:30 **Bart Meyns (KU Leuven)**, How to Unload the Heart on ECMO

4:30 PM

CLOSING COMMENTS, AUDIENCE FEEDBACK, AND ADJOURN

4:30 – 4:45 **Navin Kapur (Tuft Medical Center)**, DTU Clinical Trial Update

5:00-7:00 PM

Cocktail Reception & Poster Viewing
Salon Ravel