THURSDAY, JANUARY 14
Arrival and Registration

FRIDAY, JANUARY 15
Keynote Address (Joint)
Marcia C. Haigis, Harvard Medical School, USA
Mitochondria and Metabolism

HF, Metabolic Syndrome, and Altered Substrate Metabolism (Joint)
Rong Tian, University of Washington, USA
NAD+ Redox Balance and Heart Failure
Zoltan P. Arany, University of Pennsylvania, USA
Metabolism in Heart Failure
Christoph Maack, Universitätsklinikum des Saarlandes, Germany
Targeting Mitochondrial Calcium and ROS in Heart Failure

Short Talks Chosen from Abstracts

Workshop 1 (J2)
Short Talks Chosen from Abstracts

Protein and Organelle Quality Control (J2)
Bianca Brundel, VU University Medical Center, Netherlands
Proteostasis and Atrial Remodeling with Afb
David A. Kass, Johns Hopkins Hospital, USA
PKG and Protein Quality Control
Lucie Carrier, University Medical Center Hamburg-Eppendorf, Germany
Autophagy and Cardiomyopathies

Short Talks Chosen from Abstracts

Regulation of Mitochondrial Calcium (J1)
Diego De Stefani, University of Padova, Italy
Mitochondrial ATP-Sensitive Potassium Channels
Donald M. Bers, University of California, Davis, USA
Mitochondrial Calcium Sparks
Speaker to be Announced
Short Talks Chosen from Abstracts

Poster Session 1

SATURDAY, JANUARY 16
HFpEF - Where Are We Now? (J2)
Gregory D. Lewis, Massachusetts General Hospital, USA
The Integration of Cardiac-Skeletal-Metabolic Systems
Joseph A. Hill, University of Texas Southwestern Medical Center, USA
HFpEF: Malady, Model, and Mechanisms
Kavita Sharma, Johns Hopkins University School of Medicine, USA
Human HFpEF - Clinical Molecular and Cellular Phenotyping
Speaker to be Announced

Short Talks Chosen from Abstracts

Mitochondria and Cell Death (J1)
Elizabeth Murphy, NHLBI, National Institutes of Health, USA
Mitochondrial Calcium and Cell Death
Jeffery D. Molkentin, Cincinnati Children's Hospital Medical Center, USA
Role of Adenine Nucleotide Translocator in Mitochondrial Permeability Pore and Death
Robertina A. Gottlieb, Cedars-Sinai Medical Center, USA
Mitochondrial Autophagy
Elizabeth A. Jonas, Yale University, USA
Role of the F1-F0-ATPase in Regulating Cell Death

Short Talks Chosen from Abstracts

Epigenetic Proteins and Nucleic Acids (J2)
Saptarsi M. Haldar, University of California, San Francisco, USA
Targeting Gene Regulatory Machinery in Heart Failure
Laurie A. Boyer, Massachusetts Institute of Technology, USA
The Role of Metabolism in Cardiac Maturation
Paula da Costa Martins, Maastricht University, Netherlands
Noncoding RNAs and Cell-Cell Communication in Heart Failure
Short Talks Chosen from Abstracts

Mitochondria Shape and Function (J1)
Luca Scorrano, University of Padova, Italy
Mitochondrial Dynamics and Signaling
Gia K. Voeltz, University of Colorado Boulder, USA
ER-Mitochondrial Contacts
Brian Glancy, NHLBI and NIAMS, National Institutes of Health, USA
Sustaining Power: Building Energy Networks in Striated Muscle Cells
Short Talks Chosen from Abstracts

* Session Chair † Invited but not yet accepted     Program current as of March 13, 2020. Program subject to change. Meal formats are based on meeting venue. For the most up-to-date details, visit https://www.keystonesymposia.org.
Poster Session 2

**SUNDAY, JANUARY 17**

**Mitochondria and HF (Joint)**

- **Jared Rutter**, University of Utah, USA  
  Mitochondrial Metabolism in the Heart

- **John W. Elrod**, Lewis Katz School of Medicine at Temple University, USA  
  Mitochondrial Calcium and Epigenetics

- **Åsa B. Gustafsson**, University of California, San Diego, USA  
  Mitophagy and Heart Failure

- **E. Dale Abel**, University of Iowa, Carver College of Medicine, USA  
  Mitochondria in Heart Failure, Metabolism and Beyond

**Short Talks Chosen from Abstracts**

- **Fibrosis and Fibroblast/Myocyte Crosstalk (J2)**
  - **Samir Ounzain**, HAYA Therapeutics, Switzerland  
    LncRNA Therapies for Cardiac Fibrosis

- **Jennifer Davis**, University of Washington, USA  
  Modulation of Myocardial Fibrosis

- **Jonathan A. Epstein**, University of Pennsylvania, USA  
  A CAR-T Based Anti-Fibrotic Approach

**Short Talks Chosen from Abstracts**

- **Mitochondria Energetics (J1)**
  - **Paul S. Brookes**, University of Rochester Medical Center, USA  
    Mitochondrial Energetics and Cardiovascular Disease

- **Orian S. Shirihai**, University of California, Los Angeles, USA  
  Mitochondria and Lipid Droplets

**Speaker to be Announced**

**Short Talks Chosen from Abstracts**

Poster Session 3

**MONDAY, JANUARY 18**

**New Horizons - Diagnostics and Therapeutics (J2)**

- **Daniele Catalucci**, Humanitas Research Hospital, Italy  
  Nanoparticle Delivery by Inhalation to Treat Heart Failure

- **Jeff D. Reagan**, Amgen Research, USA  
  AMG 594: A Selective Small Molecule Cardiac Troponin Activator as a Potential Treatment for Systolic Heart Failure

- **Mauro Giacca**, International Center for Genetic Engineering, Italy  
  miRNA Therapeutics for Cardiac Regeneration and Gene Editing

- **Pilar Ruiz-Lozano**, REGENCOR, USA  
  Follistatin-Like 1 for Heart Failure Therapy

**Mitochondria and Metabolism (J1)**

- **Rui-ping Xiao**, Peking University, China  
  RIP Kinase Mediated Death

- **Nika N. Danial**, Dana-Farber Cancer Institute, USA  
  Metabolism and Cell Stress

- **David Brown**, Virginia Tech and Stealth BioTherapeutics, USA  
  Targeting Mitochondria in Cardiovascular Diseases

- **Morris J. Birnbaum**, Pfizer Inc., USA  
  Metabolic Targets in Heart Failure

**Short Talks Chosen from Abstracts**

- **Workshop 2 (J2)**

  **Short Talks Chosen from Abstracts**

- **Immune Modulation (J2)**
  - **Ajay Chawla**, Merck and University of California, San Francisco, USA  
    Myeloid Cells and Cardiometabolic Disease

  - **Daniela Cihakova**, Johns Hopkins University, USA  
    Controllers of Autoimmune Myocarditis

  - **Matthias Nahrendorf**, Massachusetts General Hospital, USA  
    Myeloid Cells and Cardiovascular Disease

**Short Talks Chosen from Abstracts**

- **Mitochondria and Cell Death (J1)**
  - **Richard N. Kitsis**, Albert Einstein College of Medicine, USA  
    Cell Death and Mitochondrial Quality Control

  - **John W. Calvert**, Emory University School of Medicine, USA  
    DJ1 Mitochondria and Cell Death

  - **Daria Mochly-Rosen**, Stanford University, USA  
    Mitochondrial Dynamics and Cell Death

**Short Talks Chosen from Abstracts**

- **Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (J2)**

- **Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (J1)**

**TUESDAY, JANUARY 19**

Departure