SUNDAy, FEBRUARY 27

Keynote Address (Joint)
Marcia C. Haigis, Harvard Medical School, USA
Mitochondria and Metabolism
Eric M. Verdin, Buck Institute for Research on Aging, USA
Immunological Aging and its Metabolic Control

HF, Metabolic Syndrome, and Altered Substrate Metabolism (Joint)
Rong Tian, University of Washington, USA
NAD+ Redox Balance and Heart Failure
Zoltan Arany, University of Pennsylvania, USA
Metabolism in Heart Failure
Christoph Maack, Universitätsklinikum des Saarlandes, Germany
Mechano-Energetic Uncoupling in Hereditary Cardiomyopathies

Short Talks Chosen from Abstracts

Workshop (Q7)

Short Talks Chosen from Abstracts

Gene and Protein Regulation (Q7)
Saptarsi M. Haldar, Amgen Inc., USA
Targeting Gene Regulatory Machinery in Heart Failure
Paula da Costa Martins, Maastricht University, Netherlands
Noncoding RNAs and Cell-Cell Communication in Heart Failure
Bianca Brundel, VU University Medical Center, Netherlands
Proteostasis and Atrial Remodeling with Aflb

Short Talks Chosen from Abstracts

Regulation of Mitochondrial Ion Homeostasis (Q8)
Diego De Stefani, University of Padova, Italy
Mitochondrial ATP-Sensitive Potassium Channels
Donald M. Bers, University of California, Davis, USA
Mitochondrial Ca Homeostasis in Health and Disease
Elizabeth Murphy, Cardiovascular Physiologist Section Vascular Medicine Branch, NHLBI, NIH, USA
Mitochondrial Calcium and Cell Death

Short Talks Chosen from Abstracts

Poster Session 1

MONDAY, FEBRUARY 28

HFpEF - Where Are We Now? (Q7)

Gregory D. Lewis, Massachusetts General Hospital, USA
Roles of Obesity and Peripheral Muscle
Timothy A. McKinsey, University of Colorado Denver, USA
A Lysine Demyristoylase Controls Pathological Fat-to-Heart Crosstalk
Kavita Sharma, Johns Hopkins University School of Medicine, USA
Human HFpEF - Clinical Molecular and Cellular Phenotyping
David A. Kass, Johns Hopkins Hospital, USA
HFpEF and Sarcomeres: The Obesity Connection

Short Talks Chosen from Abstracts

Mitochondria and Cell Death (Q8)

Jeffery D. Molkentin, Cincinnati Children's Hospital Medical Center, USA
Role of Adenine Nucleotide Translocator in Mitochondrial Permeability Pore and Death
Roberta 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
Richard N. Kitsis, Albert Einstein College of Medicine, USA
Integrating Mitochondrial Cell Death Programs

Short Talks Chosen from Abstracts

Inflammation and Immune Regulation (Q7)

Kory J. Lavine, Washington University School of Medicine, USA
Determinants and Impact of Monocyte Fate Specification in the Diseased Heart
Pilar Alcaide, Tufts University School of Medicine, USA
T-Cell Modulation of Myocardial Injury
Edward Thorp, Northwestern University, USA
Macrophage Mitochondrial Metabolism Enhances Cardiac Repair

Short Talks Chosen from Abstracts

Mitochondria Energetics and Shape (Q8)

Gia K. Voeltz, University of Colorado Boulder, USA
Unraveling the Mechanism of ER-associated Mitochondrial Constriction
John W. Calvert, Emory University School of Medicine, USA
Dj1 Mitochondria and Cell Death
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 December 22, 2021. Meal formats are based on meeting venue.
For the most up-to-date details, visit https://www.keystonesymposia.org.
Poster Session 2

TUESDAY, MARCH 1

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

Fibroblasts and Stroma and Myocyte Crosstalk (Q7)

Christine L. Mummery, Leiden University Medical Center, Netherlands
*Stromal Cell-Myocyte Crosstalk in Engineered Tissues*

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

Jonathan A. Epstein, University of Pennsylvania, USA
*“Cell-Therapeutics to Counter Fibrosis”*

Short Talks Chosen from Abstracts

Mitochondria and Metabolism (Q8)

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

Paul S. Brookes, University of Rochester Medical Center, USA
*Mitochondrial Energetics in Cardiac Ischemia-Reperfusion Injury*

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

Short Talks Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (Q7)

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (Q8)

WEDNESDAY, MARCH 2

Departure