SATURDAY, FEBRUARY 26
Arrival and Registration

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 P. 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 1 (Q7)

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, Cardiac Physiology Section Vascular Medicine Branch, NHLBI, NIH, USA
*Mitochondrial Calcium and Cell Death*

Short Talks Chosen from Abstracts

Gene and Protein Regulation (Q7)
Saptarsi M. Haldar, University of California, San Francisco, 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

Poster Session 1

MONDAY, FEBRUARY 28

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*
Robert 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

HFpEF - Where Are We Now? (Q7)
Gregory D. Lewis, Massachusetts General Hospital, USA
*Roles of Obesity and Peripheral Muscle*
Barry A. Borlaug, Mayo Clinic, USA
*Perspectives on Therapeutics: SGLT2 and Beyond*
Kavita Sharma, Johns Hopkins University School of Medicine, USA
*Human HFpEF - Clinical Molecular and Cellular Phenotyping*
David A. Kass, Johns Hopkins Hospital, USA
*PKG and Protein Quality Control*

Short Talks Chosen from Abstracts

Mitochondria Energetics and Shape (Q8)
Gia K. Voeltz, University of Colorado Boulder, USA
*ER-Mitochondrial Contacts*
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

Inflammation and Immune Regulation (Q7)
Kory J. Lavine, Washington University School of Medicine, USA
*Talk Title to be Announced*
Pilar Alcaide, Tufts University School of Medicine, USA
*T-cell Modulation of Myocardial Injury*
Andrés Hidalgo, Fundación Centro Nacional de Investigaciones Cardiovasculares Carlos III, Spain
*Macrophages and Cardiac Mitochondrial Homeostasis*

Short Talks Chosen from Abstracts

* Session Chair † Invited but not yet accepted     Program current as of May 6, 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

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 and Cardiovascular Disease*

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

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

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

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

WEDNESDAY, MARCH 2

Departure