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-Communication in Heart Failure
Bianca Brundel, VU University Medical Center, Netherlands
Proteostasis and Atrial Remodeling with Afb

Short Talks Chosen from Abstracts

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 April 30, 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

Asa 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