SUNDAY, MARCH 21
Arrival and Registration

MONDAY, MARCH 22
Welcome and Keynote Address
David M. Sabatini, Whitehead Institute for Biomedical Research, USA
mTOR and Lysosomes in Growth Control

Metabolic Control of Gene Expression
Kathryn E. Wellen, University of Pennsylvania, USA
Crosstalk between Metabolic Pathways, Signaling Networks and the Epigenome

Jason Locasale, Duke University School of Medicine, USA
The Impact of Cellular Metabolism on Chromatin Dynamics and Epigenetics

Lydia Finley, Memorial Sloan Kettering Cancer Center, USA
Metabolic Control of Cell Fate Decisions in Stem Cells and Cancer Cells

Short Talk(s) Chosen from Abstracts

Metabolic Switches in Development
Alexander Aulehla, European Molecular Biology Laboratory, Germany
Glycolytic Flux Control of Mouse Embryo Segmentation

Alex Gould, Francis Crick Institute, UK
Metabolic Responses to a Stressful Start in Life

Aurelio Teleman, Deutsches Krebshforschungszentrum, Germany
Regulation of Growth and Signaling by a Lipid Metabolite

Tadashi Uemura, Kyoto University, Japan
Impacts of Nutrition Histories in Juvenile Stages on Growth and Later Life Events

Short Talk(s) Chosen from Abstracts
Poster Session 1

TUESDAY, MARCH 23
Metabolic Communication across Cells and Tissues
Irene Miguel-Aliaga, Imperial College London, UK
Sex Differences in Inter-Organ Metabolic Coupling

Speaker to be Announced
Norbert Perrimon, Harvard Medical School, USA
Communication between Cells and Organs in Drosophila

Wendy S. Garrett, Harvard School of Public Health, USA
Metabolic Crosstalk between the Gut and Its Microbiota

Lora V. Hooper, University of Texas Southwestern Medical Center, USA
Regulation of Lipid Metabolism by the Microbiome and the Circadian Clock

Short Talk(s) Chosen from Abstracts

Metabolic Control of Cell Signaling
Jared Rutter, University of Utah, USA
Mitochondrial Metabolism and Cellular Decisions

Navdeep S. Chandel, Northwestern University, USA
Mitochondrial Metabolic Signaling in Stem Cell Function and Immunity

Heather Christofk, University of California, Los Angeles, USA
Metabolic Control of Signaling and Cell Fate Decisions

Short Talk(s) Chosen from Abstracts
Poster Session 2

WEDNESDAY, MARCH 24
Metabolic Developments: Technologies and Network Approaches
Markus Raiser, Francis Crick Institute, UK
Dynamics in Metabolic Networks

Theodore Alexandrov, European Molecular Biology Laboratory, Germany
Spatial Metabolomics in Tissues and Single Cells

Sarah-Maria Fendt, VIB Leuven, Belgium
Metabolic Plasticity in Development and Cancer

A.J. Marian Walhout, University of Massachusetts Medical School, USA
Structure, Function and Evolution of Biological Networks

Short Talk(s) Chosen from Abstracts
Metabolic Disorders
Ralph J. DeBerardinis, University of Texas Southwestern Medical Center, USA
Inborn Errors of Metabolism

Ayelet Erez, Weizmann Institute of Science, Israel
Dynamics of Cellular Metabolism in Disease States

Joshua D. Rabinowitz, Princeton University, USA
Metabolic Remodeling in Cancer and Infection

Closing Keynote Address
Olivier Pourquié, Harvard Medical School, USA
Role of Warburg-Like Metabolism in Cell Fate Control in Vertebrate Development

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

THURSDAY, MARCH 25
Departure