SUNDAY, JANUARY 24
Arrival and Registration

MONDAY, JANUARY 25
Welcome and Keynote Address
Matthew G. Vander Heiden, Massachusetts Institute of Technology, USA
Amino Acid Dependencies of Cancer Cells

Metabolic Effects on the Immune System
M. Celeste Simon, University of Pennsylvania, USA
Hif1alpha Deletion and the Immune System
Costas A. Lyssiotis, University of Michigan, USA
Tumor-Macrophage Metabolic Crosstalk
Speaker to be Announced
Short Talk(s) Chosen from Abstracts

Workshop and Panel for Early Career Researchers: Transitioning to Independence
The CNS Microenvironment
Frank Winkler, University Hospital Heidelberg, Germany
Brain Tumor Cells Interconnect to a Functional and Resistant Network
Johanna A. Joyce, University of Lausanne, Switzerland
Role of Myeloid Cells in Glioblastoma
Michael E. Pacold, New York University Medical Center, USA
Brain Metastasis Adaptation to the Metabolic Niche of the Central Nervous System
Short Talk(s) Chosen from Abstracts

Poster Session 1

TUESDAY, JANUARY 26
Metastatic Colonisation
Sarah-Maria Fendt, VIB Leuven, Belgium
Tumor Metabolism and the Metastatic Niche
Mikala Egeblad, Cold Spring Harbor Laboratory, USA
Neutrophils orchestrate a Metastasis Promoting Tumor Microenvironment
Matthew F. Krummel, University of California, San Francisco, USA
Imaging the Tumor Microenvironment in 5 Dimensions
Heather Christofk, University of California, Los Angeles, USA
Glucose Metabolism and Extracellular Matrix
Short Talk(s) Chosen from Abstracts

The Pancreatic Tumor Microenvironment
Speaker to be Announced
Alec Kimmelman, New York University Langone Medical Center, USA
Metabolic Crosstalk in PDAC
Mara H. Sherman, Oregon Health & Science University, USA
Mechanisms and Consequences of Pancreatic Cancer Stromal Evolution
Short Talk(s) Chosen from Abstracts

Poster Session 2

WEDNESDAY, JANUARY 27
Identifying the Metabolic Dependencies of Cancer Cells
Karen H. Vousden, Francis Crick Institute, UK
Metabolic Control of Invasion and Metastasis
Eileen P. White, Rutgers University, USA
Autophagy and Systemic Metabolism
Navdeep S. Chandel, Northwestern University, USA
Mitochondrial Regulation of Cancer
Donita C. Brady, University of Pennsylvania, USA
Copper Dependency of Cancer Cells
Short Talk(s) Chosen from Abstracts

Therapeutic Targeting of Metabolism and the TME
Susan Demo, Calithera Biosciences, USA
Targeting Amino Acid Metabolism to Improve Cancer Outcomes
Valerie M. Weaver, University of California, San Francisco, USA
Targeting the Extracellular Matrix
Shannon J. Turley, Genentech, Inc., USA
Evolving Stromal-Immune Axis in Cancer Immunology and Immunotherapy
Short Talk(s) Chosen from Abstracts

Poster Session 3

THURSDAY, JANUARY 28
Intercellular Signaling Networks in the TME
Karin E. de Visser, Netherlands Cancer Institute, Netherlands
How the Genetic Makeup of Breast Cancer Shapes the Immune Landscape
Erik A. Sahai, Francis Crick Institute, UK
Towards a Holistic Understanding of Tumor Architecture
Ruth Scherz-Shouval, Weizmann Institute of Science, Israel
HSF1, Stress, and the TME
Speaker to be Announced
Short Talk(s) Chosen from Abstracts

Panel Discussion: Progress to Date and Future Horizons in Therapeutic Targeting of Metabolism and the TME

Metabolic Compartmentalisation
Ralph J. DeBerardinis, University of Texas Southwestern Medical Center, USA
Systemic Metabolism in Human Cancer Patients
Erika L. Pearce, Max Planck Institute of Immunobiology and Epigenetics, Germany
Metabolic Regulation of the Immune Metabolism
Lewis C. Cantley, Weill Cornell Medicine, USA
Redox Homeostasis/Diet Modifications and Response to Therapy

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)
FRIDAY, JANUARY 29

Departure