SUNDAY, MAY 7
Arrival and Registration

MONDAY, MAY 8
Welcome and Keynote Session (Z2)
Johanna A. Joyce, University of Lausanne, Switzerland
Exploring and Therapeutically Exploiting the Tumor Microenvironment

Welcome and Keynote Address (Z1)
Charles Swanton, Francis Crick Institute, UK
Tracing Metastasis using Genetic Signatures

The Heterogeneous Tumor Microenvironment: Implications for Progression and Therapy (Z2)
Kornelia Polyak, Dana-Farber Cancer Institute, Harvard Medical School, USA
Her2 Tumor Heterogeneity, Stromal Fibroblasts and Tumor Aggression and Treatment Resistance

Glenn Dranoff, Novartis Institutes for BioMedical Research, USA
The Heterogeneous Tumor Microenvironment, Immune Regulation and Tumor Treatment

Jeffrey W. Pollard, Queen’s Medical Research Institute, UK
Talk Title to be Announced

Short Talks Chosen from Abstracts

Metastasis Initiating Cells: Origins and Plasticity (Z1)
Frederic J. de Sauvage, Genentech, Inc., USA
Cellular Plasticity and Metastasis

Dana Pe’er, Memorial Sloan Kettering Cancer Center, USA
Computational Modeling of Metastasis Ecosystems

Cédric Blanpain, Universite Libre de Bruxelles, Belgium
Stem Cells and Metastasis

Short Talks Chosen from Abstracts

Poster Session 1
Workshop (Z2)
Short Talks Chosen from Abstracts

Workshop (Z1)
Short Talks Chosen from Abstracts

The Hostile Tumor Microenvironment, Stress Adaptation, Tumor aggression and Treatment Response (Z2)
Paulo C. Rodriguez, Moffitt Cancer Center, USA
TME Drives ER Stress to Modulate Anti-Tumor Immunity and Tumor Aggression

Valerie M. Weaver, University of California, San Francisco, USA
Tissue Tension, Metabolic Adaptation and Tumor Aggression

Matthew G. Vander Heiden, Massachusetts Institute of Technology, USA
Cancer Metabolism Impact on Therapy Response - Mostly Lung and Pancreas

Short Talks Chosen from Abstracts

Determinants of Metastasis and Therapy Responses (Z1)
Jonathan S. Weissman, Whitehead Institute, HHMI, and MIT, USA
Tracking of Metastasis using CRISPR

Russell Kent Pachynski, Washington University in St. Louis, USA
Treatment of Metastatic Prostate Cancer

Boris C. Bastian, University of California, San Francisco, USA
Melanoma Metastasis Genetics

Short Talks Chosen from Abstracts

TUESDAY, MAY 9
The Tumor Microenvironment Influences Metastatic Dormancy (Joint)
Joan Massagué, Memorial Sloan Kettering Cancer Center, USA
Mediators and Suppressors of the Dormant State

Mohamed Bentires-Alj, University of Basel, University Hospital Basel, Switzerland
Hepatic Stellate Cells Suppress Dormancy

Julio Aguirre-Ghiso, Albert Einstein Cancer Center, USA
Tumor Intrinsic and Microenvironmental Regulation of Tumor Dormancy

Rosandra Natasha Kaplan, NCI, National Institutes of Health, USA
Defining the Progressive Metastatic Niche

Short Talks Chosen from Abstracts

The Impact of Innervation on Tumor Aggression and Therapy Response (Z2)
Manuel Valiente, Spanish National Cancer Research Centre, Spain
Brain Mets

Moran Amit, University of Texas MD Anderson Cancer Center, USA
Innervation in Head and Neck Cancer

Timothy C. Wang, Columbia University, USA
Innervation in GI Tumors – Impact on Stem Cells and Tumor Aggression

Short Talks Chosen from Abstracts

Circulating Cancer Cells and Metastatic Dissemination (Z1)
Caroline Dive, Cancer Research UK Manchester Institute, UK
Circulating Cancer Cells
Nicola Aceto, ETH Zürich, Switzerland
Cell-Cell Interactions During Metastasis

Elena Piskounova, Weill Cornell Medicine, USA
RNA Regulation During Metastasis

Karen H. Vousden, Francis Crick Institute, UK
Cell Clustering in Metastasis

Short Talks Chosen from Abstracts

Poster Session 2

WEDNESDAY, MAY 10

Friend or Foe: Should we Target Cancer Associated Fibroblasts and the ECM? (Z2)
Mara H. Sherman, Oregon Health & Science University, USA
Mechanisms and Consequences of Pancreatic Cancer Stromal Evolution

Erik A. Sahai, Francis Crick Institute, UK
CAF Heterogeneity – Impact on Treatment Response

Ashani T. Weeraratna, Johns Hopkins University, USA
Aged CAFs and Tumor Aggression

Rakesh K. Jain, Massachusetts General Hospital and Harvard Medical School, USA
Normalizing the Tumor Microenvironment to Improve Cancer Treatment: Bench to Bedside

Short Talks Chosen from Abstracts

The Metabolic Regulation of Metastasis (Z1)

Sean J. Morrison, University of Texas Southwestern Medical Center, USA
Regulation of Metastasis by Lipid Metabolism

Sarah-Maria Fendt, VIB-KU Leuven, Belgium
Metabolic Regulation of Metastasis

Salvador Aznar Benitah, ICREA and Institute for Research in Biomedicine, Spain
Fatty Acid Transporters Regulate Metastasis

Martin O. Bergo, Karolinska Institutet, Sweden
Redox Regulation During Metastasis

Short Talks Chosen from Abstracts

Metastasis and Therapy Response: Impact of the Microenvironment (Joint)

Antoni Ribas, University of California, Los Angeles, USA
Enhancing T Cell Function to Treat Tumors

Isabel Kurth, Rgenix, USA
New Therapeutics that Inhibit Cancer Progression

Christina Curtis, Stanford University, USA
Stromal Immune Signatures that Predict Tumor Progression and Treatment Response

Morag Park, McGill University, Canada
Human Stromal Signatures and Treatment Response

Short Talks Chosen from Abstracts

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

THURSDAY, MAY 11

Departure

* Session Chair † Invited but not yet accepted  Program current as of November 17, 2022 Meal formats are based on meeting venue. For the most up-to-date details, visit https://www.keystonesymposia.org.