SUNDAY, JUNE 18
Arrival and Registration

MONDAY, JUNE 19
Welcome and Keynote Address
Aviv Regev, Genentech, USA
Insights from the Human Cell Atlas to Development and Cancer

Hematopoiesis and Leukemia
Andreas Trumpp, German Cancer Research Center, Germany
Cell Fate Determination in Hematopoiesis
Dan A. Landau, Weill Cornell Medicine, USA
Developmental Trajectories in Leukemia
Fernando D. Camargo, Boston Children's Hospital, USA
Single-Cell Lineage Tracing in Hematopoiesis

Short Talks Chosen from Abstracts
Development and Cancer of the Skin and Squamous Tissues
Sidharth V. Puram, Washington University School of Medicine, USA
Heterogeneity in Head and Neck Cancer
Chris Marine, VIB-KU Leuven, Belgium
Drafting 4D Maps of the Melanoma Ecosystem
Anna Christina Obenauf, Research Institute of Molecular Pathology, Austria
Mechanisms of Metastasis and Drug Resistance in Melanoma

Short Talks Chosen from Abstracts

TUESDAY, JUNE 20
Brain Development and Cancer
Mario Suva, Harvard University, USA
Heterogeneity in Glioma by scRNA-seq
Arnold R. Kriegstein, University of California, San Francisco, USA
Radial Glia in Development and Glioma
Gioele La Manno, École Polytechnique Fédérale de Lausanne, Switzerland
A Single Cell Analysis of Neurodevelopment
Naomi Habib, Hebrew University of Jerusalem, Israel
Dynamics of Cellular Environments in the Aging and Alzheimer's Brains

Short Talks Chosen from Abstracts
Technology Development
Jean Fan, Johns Hopkins University, USA
Spatial Analyses of Cellular Trajectories
Bradley E. Bernstein, Dana-Farber Cancer Institute, USA
Talk Title to be Announced
Itai Yanai, New York University School of Medicine, USA
Spatial Analyses in Cancer

Poster Session 1

WEDNESDAY, JUNE 21
Integrative Analyses and Comp. Methods
Itay Tirosi, Weizmann Institute of Science, Israel
Pan-Cancer Analysis of Cellular Heterogeneity
John Marioni, European Bioinformatics Institute, EMBL-EBI, UK
Integrative Analysis of Developmental Single Cell Datasets
Daniel Wells, Immuna, USA
Dissecting the Immune System in Health and Disease with Machine Learning

Short Talks Chosen from Abstracts
Gynecological Development and Cancer
Andrea H. Bild, City of Hope Comprehensive Cancer Institute, USA
Development of Drug Resistance in Ovarian Cancer
Devon A. Lawson, University of California, Irvine, USA
Microenvironment Influence on Metastatic Spread in Breast Cancer
Nicholas Navin, University of Texas MD Anderson Cancer Center, USA
Clonal Diversity and Evolution in Breast Cancer

Short Talks Chosen from Abstracts
Poster Session 3

THURSDAY, JUNE 22
Gastrointestinal Development and Cancer
Moshe Biton, Weizmann Institute of Science, Israel
Epithelial-Immune Interaction in the Gut
Karuna Ganesha, Memorial Sloan Kettering Cancer Center, USA
Targeting Regenerative Plasticity in Metastasis
Jeanne Magrama, Celsius, USA
Cellular Heterogeneity in Liver Regeneration and Cancer

Short Talks Chosen from Abstracts
Lung Development and Cancer
Trever Bivona, University of California, San Francisco, USA
Therapy-Induced Evolution of Lung Cancer Analyzed by Single-Cell Analysis
Ashley M. Laughney, Weill Cornell Medicine, USA
Regeneration and Tumor-Immune Crosstalk Underlying Metastatic Progression
Caroline Dive, Cancer Research UK Manchester Institute, UK

Short Talks Chosen from Abstracts
Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

FRIDAY, JUNE 23
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.