TUESDAY, MAY 18
Arrival and Registration

WEDNESDAY, MAY 19
Stem Cells and Cancer

Duanqing Pei†, Guangzhou Institutes of Biomedicine and Health, China
Chemical Induction of Pluripotency

Markus Grompe, Oregon Health & Science University, USA
The Role of Polyploid Hepatocytes during Liver Regeneration and Cancer

Lola McAdams Reid, University of North Carolina at Chapel Hill, USA
Patch Grafting of Endodermal Stem/Progenitor Organoids Enable Hepatic and Pancreatic Cell Therapies

Short Talks Chosen from Abstracts

Cancer Stem Cells, Tumor Microenvironment and Immunity

Jos J. Melenhorst, University of Pennsylvania, USA
Remission and Relapse in Chimeric Antigen Receptor Reprogrammed T Cell Therapies

Calvin Kuo, Stanford University, USA
Organoid Modeling of the Tumor Microenvironment

Justin D. Lathia, Cleveland Clinic, USA
Targeting Cancer Stem Cell Immune Cell Interactions in Glioblastoma

Erwei Song, Sun-Yat-Sen Memorial Hospital, China
Tumor Microenvironment and Cancer Stem Cells

Short Talks Chosen from Abstracts

Poster Session 1

THURSDAY, MAY 20
Cancer Stem Cells and Cancer Heterogeneity

Xin Wei Wang, NCI, National Institutes of Health, USA
Integrated Genomics to Uncover Clinically-Relevant Liver Cancer Drivers

Ning Zhang†, Peking University, China
Single Cell Analysis on Liver Cancer

Richard White, Memorial Sloan Kettering Cancer Center, USA
Cell-Cell Interactions as Drivers of Metastasis: Insights from Zebrafish Models of Melanoma

Stephanie K.Y. Ma, University of Hong Kong, Hong Kong
Non-Cellular Components of the Tumor Microenvironment in Maintenance of Liver Cancer Stemness

Short Talks Chosen from Abstracts

Cancer Stem Cells and Cancer Biology

Michael M. Shen, Columbia University, USA
Neuroendocrine Differentiation in Prostate Development and Cancer

Irene Oi Lin Ng, University of Hong Kong, Hong Kong
Liver Cancer Stemness

Lijian Hui, Shanghai Institutes of Biological Sciences, China
Talk Title to be Announced

Klaus H. Kaestner, University of Pennsylvania School of Medicine, USA
Genetic Screens for Drivers and Modifiers of Liver Cancer

Short Talks Chosen from Abstracts

Poster Session 2

FRIDAY, MAY 21
Cancer Stem Cells: Modeling and Regulation

Clemens A. Schmitt, Max Delbrück Center for Molecular Medicine, Germany
Senescence Associated Stemness as a Mechanism of Treatment Failure in Cancer

Wei Guo, University of Pennsylvania, USA
Tumor-Derived Exosomes in Immune Suppression

Carmen Chak-Lui Wong, University of Hong Kong, Hong Kong
miRNAs and Hepatic Cancer Stem Cells

Short Talks Chosen from Abstracts

Cancer Stem Cells: Clinical Translation

Dean G. Tang, Roswell Park Cancer Institute, USA
Molecular Understanding and Therapeutic Targeting of Prostate Cancer Cell Heterogeneity

Anna Dubrov ska†, University Hospital Carl Gustav Carus, Germany
Cancer Stem Cells as Biomarkers for Radiotherapy Outcome and Targets for Combined Treatments

Chunzhang Yang, NCI, National Institutes of Health, USA
IDH1 Mutation Predisposes Distinctive Therapeutic Vulnerabilities in Glioma Stem Cells

Wolf Ruprecht Wiedemeyer†, Abbvie, USA
Characterization and Targeting of Distinct Subpopulations Driving Tumor Progression and Drug Resistance in Advanced Solid Tumors

Short Talks Chosen from Abstracts

Closing Keynote Address
Irving L. Weissman, Stanford University, USA
Normal and Neoplastic Stem Cells

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

SATURDAY, MAY 22
Departure