**WEDNESDAY, MAY 19**

Stem Cells and Cancer (6:10am Denver/Mountain Time Start)

*Irene Oi Lin Ng*, University of Hong Kong, Hong Kong  
*Duanqing Pei*, Guangzhou Institutes of Biomedicine and Health, China  
*Chemical Induction of Pluripotency*

*Lola McAdams Reid*, 275.00  
*Patch Grafting of Endodermal Stem/Progenitor Organoids Enable Hepatic and Pancreatic Cell Therapies*  
*Xin Wei Wang*, NCI, National Institutes of Health, USA  
*Chemical Induction of Pluripotency*

**Cancer Stemness and Its Clinical Impact in Hepatobiliary Cancers**

*Sonam Bhatia*, 275.00  
*Short Talk: Patient-Derived Breast Tumor Organoids as Model Systems to Study Tumorigenesis and Tumor Heterogeneity*

*Panagiotis Karras*, 275.00  
*Short Talk: A Developmental Cellular Hierarchy in Melanoma Uncouples Growth and Metastatic Phenotypes*

**Cancer Stem Cells, Tumor Microenvironment and Immunity (8:10am Denver/Mountain Time Start)**

*Irene Oi Lin Ng*, University of Hong Kong, Hong Kong  
*Xin Wei Wang*, NCI, National Institutes of Health, USA  
*Jan Joseph Melenhorst*, University of Pennsylvania, USA  
*Decade-Long Remission and Persistence of Chimeric Antigen Receptor T Cells in Leukemia: Lessons Learned from Exceptional Performers*

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

*Justin D. Lathia*, Lerner Research Institute, Cleveland Clinic, USA  
*Investigating Lineage Plasticity in Organoid Models of Prostate and Bladder Cancer*

*Erwei Song*, Sun-Yat-Sen Memorial Hospital, China  
*Targeting Tumor Microenvironment to Eradicate Cancer Stem Cells*

*Bauer LeSavage*, 150.00  
*Short Talk: Engineered Matrices Promote Stiffness-Dependent Enrichment of Cancer Stem Cells and Chemoresistance in Human Pancreatic Ductal Adenocarcinoma Organoids*

**Cancer Stem Cells and Cancer Heterogeneity (6am Denver/Mountain Time Start)**

*Irene Oi Lin Ng*, University of Hong Kong, Hong Kong  
*Dean G. Tang*, Roswell Park Cancer Institute, USA  
*Calvin Kuo*, Stanford University, USA  
*Organoid Modeling of the Tumor Microenvironment*

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

*Richard White*, Memorial Sloan Kettering Cancer Center, USA  
*Zebrafish Modeling of Melanoma Cell Fate*

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

*Lichun Ma*, 275.00  
*Short Talk: Single-Cell Atlas of Tumor Clonal Evolution in Liver Cancer*

*Rebecca Chin*, 275.00  
*Short Talk: Clustering of Super-Enhancers for Characterizing Subtype Identity in Breast Cancer*

**Career Roundtable (11am Denver/Mountain Time Start)**

*Irving L. Weissman*, Stanford University, USA  
*Wolf Ruprecht Wiedemeyer*, AbbVie, Inc., USA  
*Shaheen Sikandar*, 275.00

**Poster Session (12:30pm Denver/Mountain Time Start)**

**THURSDAY, MAY 20**

Cancer Stem Cells and Cancer Heterogeneity (6am Denver/Mountain Time Start)

*Irene Oi Lin Ng*, University of Hong Kong, Hong Kong  
*Dean G. Tang*, Roswell Park Cancer Institute, USA  
*Calvin Kuo*, Stanford University, USA  
*Organoid Modeling of the Tumor Microenvironment*

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

*Richard White*, Memorial Sloan Kettering Cancer Center, USA  
*Zebrafish Modeling of Melanoma Cell Fate*

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

*Lichun Ma*, 275.00  
*Short Talk: Single-Cell Atlas of Tumor Clonal Evolution in Liver Cancer*

*Rebecca Chin*, 275.00  
*Short Talk: Clustering of Super-Enhancers for Characterizing Subtype Identity in Breast Cancer*

Cancer Stem Cells and Cancer Biology (8:30am Denver/Mountain Time Start)

*Dean G. Tang*, Roswell Park Cancer Institute, USA  
*Michael M. Shen*, Columbia University, USA  
*Investigating Lineage Plasticity in Organoid Models of Prostate and Bladder Cancer*

*Irene Oi Lin Ng*, University of Hong Kong, Hong Kong  
*Functional Genomics and Single Cell Analysis to Uncover Biomarkers in Hepatocellular Carcinoma*

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

*Lei Zhou*, 275.00  
*Short Talk: Lineage Tracing and Single-Cell Analysis Reveal Prom1+ Transit-Amplifying Tumor Cells and Their Dynamic Cellular Transition during Liver Cancer Progression*

*Shaheen Sikandar*, 275.00  
*Short Talk: Identification of a Minority Population in Breast Cancer that Integrates into the Vasculature and Initiates Metastasis*

**Meet the Editors (11:30am Denver/Mountain Time Start)**

*Sara Hamilton*, Cell Press, USA  
*Sarah Seton-Rogers*, Nature Reviews Cancer, UK  
*Daniel Klimmeck*, EMBO Journal, Germany

**FRIDAY, MAY 21**

Cancer Stem Cells: Modeling and Regulation (6am Denver/Mountain Time Start)

*Xin Wei Wang*, NCI, National Institutes of Health, USA  
*Dean G. Tang*, Roswell Park Cancer Institute, USA
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
Hypoxia, Cancer and Cancer Stemness
Junfang Ji, Zhejiang University, China
miRNAs and Hepatic Cancer Stem Cells

Cancer Stem Cells: Clinical Translation (7:50am Denver/Mountain Time Start)
*Xin Wei Wang, NCI, National Institutes of Health, USA
*Dean G. Tang, Roswell Park Cancer Institute, USA
Molecular Understanding and Therapeutic Targeting of Prostate Cancer Cell Heterogeneity
Anna Dubrovska, 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, Inc., USA
Characterization and Targeting of Distinct Subpopulations Driving Tumor Progression and Drug Resistance in Advanced Solid Tumors

Keynote Address and Closing Remarks (9:30am Denver/Mountain Time Start)
*Irene Oi Lin Ng, University of Hong Kong, Hong Kong
*Dean G. Tang, Roswell Park Cancer Institute, USA
*Xin Wei Wang, NCI, National Institutes of Health, USA
Irving L. Weissman, Stanford University, USA
Normal and Neoplastic Stem Cells

Networking Lounge (10:10am Denver/Mountain Time Start)