WEDNESDAY, MAY 19

Stem Cells and Cancer (6:10am Denver/Mountain Time Start)
* Irene Oi Lin Ng, University of Hong Kong, Hong Kong
  
Duanqin Pei, Guangzhou Institutes of Biomedicine and Health, China
  Chemical Induction of Pluripotency

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

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

Sonam Bhatia†, Cold Spring Harbor Laboratory, USA
  Short Talk: Patient-Derived Breast Tumor Organoids as Model Systems to Study Tumorigenesis and Tumor Heterogeneity

Panagiotis Karras, VIB Center for Cancer Biology, Belgium
  Short Talk: A Developmental Cellular Hierarchy in Melanoma Uncouples Growth and Metastatic Phenotypes

Cancer Stem Cells, Tumor Microenvironment and Immunity (8am 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, Cleveland Clinic, USA
  Targeting Cancer Stem Cell Immune Cell Interactions in Glioblastoma

Erwei Song, Sun-Yat-Sen Memorial Hospital, China
  The Role of NET-DNA in Cancer Immunity

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

Career Roundtable (11am 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, National Institutes of Health, USA
  Short Talk: Single-Cell Atlas of Tumor Clonal Evolution in Liver Cancer

Rebecca Chin, City University of Hong Kong, Hong Kong
  Short Talk: Clustering of Super-Enhancers for Characterizing Subtype Identity in Breast Cancer

Cancer Stem Cells and Cancer Biology (8am 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
  Liver Cancer Stemness

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

Lei Zhou, University of Hong Kong, Hong Kong
  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†, University of California - Santa Cruz, USA
  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)

FRIDAY, MAY 21

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

*Xin Wei Wang, NCI, National Institutes of Health, USA

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

*Dean G. Tang, Roswell Park Cancer Institute, USA

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 (8am 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*

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**Closing Keynote Address and Remarks (9:20am Denver/Mountain Time Start)**

*Irene Oi Lin Ng*, University of Hong Kong, Hong Kong

*IDean 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*