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, 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 Tumorogenesis 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

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

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

Closing Remarks and Keynote Address and (9:20am 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

* Session Chair † Invited but not yet accepted     Program current as of May 9, 2021.
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