

NCI Oncology Model Forum Meeting Agenda

Rock Hall Auditorium, Mission Bay Campus, University of California San Francisco
November 8, 2018

SESSION 1 RESOURCES

- 8:00 **Introduction and Welcome** Atul Butte, M.D., Ph.D. University of California, San Francisco
- 8:15 **OMF Update** Theodore Goldstein, Ph.D. & Debajyoti Datta, M.D., Ph.D. University of California, San Francisco
- 8:40 Invited talk: **Tabula Muris** Spyros Darmanis, Ph.D. Chan Zuckerberg Biohub

SESSION 2 TUMOR MICROENVIRONMENT

- 9:25 **Preclinical Trials Towards Developing the Chemically-Induced SCC Model for use in immuno-oncology** Rosemary Akhurst, Ph.D. UCSF
- 9:50 **Progress Towards a Humanized Mouse Model for Evaluation of Cancer Immunobiology** Ryan Fields, M.D. Washington University
- 10:15 **Myeloid Cells in Melanoma Tumor Microenvironments** Karolina Palucka, Ph.D. Jackson Labs
- 10:35 Q&A PANEL
- 10:50 *Break*

SESSION 3 TUMOR HETEROGENEITY

- 11:00 **Polymerase-mediated Ultra-mutagenesis in Mice Produces Diverse Cancers with High Mutational Load** Diego H. Castrillon, M.D., Ph.D. UT Southwestern
- 11:25 **Modeling Breast Cancer Diversity and Response to Cytotoxic and Immuno Therapy** Mary Helen Barcellos-Hoff, Ph.D. University of California, San Francisco
- 11:50 **Quantitative and Multiplexed Pharmacogenomic Analysis of Lung Cancer** Monte Winslow, Ph.D. Stanford
- 12:15 Q&A PANEL
- 12:30 *Lunch*

SESSION 4 CO-CLINICAL IMAGING

- 1:30 **Introduction and Utility of CAT on Mouse and Rat** Cristian Badea, Ph.D. Duke University
- 1:50 **Developing Quantitative Imaging markers Using Murine Models of Pancreatic Ductal Adenocarcinoma** Rong Zhou, Ph.D. University of Pennsylvania
- 2:10 **NCI-Resource VU-PREDICT** Allison S. Cohen, Ph.D. Vanderbilt University
- 2:30 **Washington University Co-Clinical Imaging Research Resource** Kooresh Shoghi, Ph.D. Washington University
- 2:50 Q&A PANEL
- 3:00 *Break*

SESSION 5 MODELING AND THERAPIES

- 3:20 **A New Syngeneic Melanoma Model** Vish Muthusamy, Ph.D. Yale University
- 3:45 **Credentialing a Genetically Engineered Clinically-Relevant Mouse Model of Multiple Myeloma** Marta Chesi, Ph.D. Mayo Clinic
- 4:05 **Spontaneous and Vaccine-Induced Clearance of Mus Musculus Papillomavirus 1 Infection** Chien-Fu Hung, M.D. Johns Hopkins University
- 4:30 Q&A PANEL
- 5:00 *Adjourn*