

**October 28, 2024**

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- 7:30-9:00A** Registration and Breakfast
- 8:30-8:40A** Welcome and Introduction  
Drs. Chi Wang and Eric Durbin
- 8:40-10:20A** Scientific Session I (5 speakers, 15 minutes talk + 5 minutes Q&A each)  
Moderator: Dr. Eric Durbin  
Dr. Aik Choon Tan, "Pattern Discovery and Matching for Cancer Treatment Sequences"  
Dr. Melissa B. Davis, "The Grand Challenge for Cancer Disparities"  
Dr. Leng Han, "Harnessing Big Data for Precision Medicine"  
Dr. Hong Zhu, "Addressing Challenges in Analyzing Complex Observational Healthcare Data in Cancer Research"  
Dr. Yasminka (Sasha) Jakubek "Chromosomal Alterations in Blood"
- 10:20-10:30A** Break
- 10:30-11:30A** Keynote Presentation  
Moderator: Dr. Michael Cavnar  
Dr. Jill M. Kolesar, "Rural Reach: Advancing Precision Medicine in Cancer Care"
- 11:30A-1:00P** Lunch Break/ Round Table Discussion
- 1:00-2:40P** Scientific Session II (5 academic speakers, 15 minutes talk + 5 minutes Q&A each)  
Moderator: Dr. Daniel Spakowicz  
Dr. Jamie Teer, "Population approach to distinguish true somatic mutations from artifact"  
Dr. Jinpeng Liu, "Spatially resolved transcriptomics analysis of pediatrics brain cancer"  
Dr. Mariano Russo, "Genomic Adaptations for Metastatic Progression in Breast Cancer"  
Dr. Ann Chen, "Cancer treatment prediction using Omics data from single cell and bulk samples"  
Dr. Jing Su, PhD, "Graph Data Models: Building AI-Ready Research Data Commons for Clinicogenomics"
- 2:40-3:00P** Break
- 3:00-4:00P** Scientific Session III (15 minutes talk + 5 minutes Q&A each)  
Moderator: Dr. Therese Bocklage  
Drs. Phaedra Agius and Michael Radmacher, "An Introduction to Two Discovery Tools Enabling Interactive Data Visualization - Real World Survival and Patient Timeline"

Dr. Emily Vucic, "Use Case: Describing an Alternative to HRD to Detect Sensitivity to PARP Inhibition"

Dr. Ryan Leung, "Advancing Precision Medicine with AI-Powered Pathology "

**4:00-4:20P** Presentations of Selected Abstracts (2 speakers, 10 minutes each)  
Moderator: Dr. Chi Wang

Thomas Chia, "IMPACT: Intelligently Matching PATients to Clinical Trials"

Md Tamzid Islam, "Integrating genomic, clinical, and demographic features to create digital twins for profiling head and neck cancer patients"

**4:20-4:30P** Closing Remarks

Dr. Chi Wang

**4:30-5:30P** Poster Session