Pacific Symposium on Biocomputing (PSB) 2022
January 3-7, 2022, Big Island of Hawaii

Video Recorded Paper Presentations
Please check back; video presentations will be added as they become available.

Precision Medicine: Using Artificial Intelligence to Improve Diagnostics and Healthcare Session

Predicting Visuo-Motor Diseases from Eye Tracking Data
    Kailas Vodrahalli, Maciej Filipkowski, Tiffany Chen, James Zou, Yaping Joyce Liao

Identifying Cell Type-Specific Chemokine Correlates with Hierarchical Signal Extraction from Single-Cell Transcriptomes
    Sherry Chao, Michael P. Brenner, Nir Hacohen

A Novel Approach for Time Series Forecasting of Influenza-like Illness Using a Regression Chain Method
    Nooriyah Poorawala-Lohani, Patricia Riddle, Mehnaz Adnan, Jörg Wicker

[Multi-Omic Graph Transformers for Cancer Classification and Interpretation](#)
    Emily Kaczmarek, Amoon Jamzad, Tashifa Imtiaz, Jina Nanayakkara, Neil Renwick, Parvin Mousavi

Big Data Imaging Genomics: Reproducible Findings, Individual Predictions, and Clinical Decisions Session

[Effects of ApoE4 and ApoE2 genotypes on subcortical magnetic susceptibility and microstructure in 27,535 participants from the UK Biobank](#)
    Talia M. Nir, Alyssa H. Zhu, Iyad Ba Gari, Daniel Dixon, Tasfiya Islam, Julio E. Villalon-Reina, Sarah E. Medland, Paul M. Thompson, Neda Jahanshad

Generalizing Few-Shot Classification of Whole-Genome Doubling Across Cancer Types
    Sherry Chao, David Belanger