

ITCR 2017 Annual Meeting Posters

1. Dinler Antunes Towards personalized structural analysis of peptide-HLA complexes for T-cell-based immunotherapy Poster
2. Asthma Bankapur Trinity CTAT: A Community Resource for De Novo and Reference-based Cancer RNA-Seq Analysis Poster
3. Carol Bult, Helen Parkinson, Terry Meehan, Jeremy Mason PDX finder: an open global catalogue of PDX models for the cancer community Poster
4. Tony Dickherber NCI Support for Activities to Promote Technology Research Collaborations Poster
5. Thomas Doak National Center for Genome Analysis Support (NCGAS): providing cyberinfrastructure to a national community Poster
6. Kyle Ellrott BMEG: Biomedical Evidence Graph Poster
7. Andrew Farrell RUFUS: Reference Free Variant Detection Improves Accuracy and Sensitivity Poster
8. Andrey Fedorov Quantitative Image Informatics for Cancer Research [Poster](#)
9. Verena Friedl Discovering treatment indications for pediatric cancer patients using a probabilistic attribute recommender Poster
10. Sergio Pablo Sanchez Cordero Gonzalez Examination of evolutionary constraints in single-cell RNA-seq trajectories reveal essential cell transitions Poster
11. Timothy Griffin Cloud-based multi-omic informatics using Galaxy-P and Jetstream [Poster](#)
12. Malachi Griffith Expert Crowdsourcing the Clinical Interpretation of Variants in Cancer [Poster](#)
13. Jingshan Huang Omni Search: A semantic tool for discovering microRNAs' critical roles in human cancers [Poster](#)
14. Xiaomeng Huang Tracking subclonal metastatic expansion in triple negative breast cancer [Poster](#)
15. Kun Huang, Raghu Machiraju OSUMO Visual Analytics Tools for Patient Stratification with Multiple Datatypes Poster
16. Guoqian Jiang D2 Refine: A Platform for Clinical Research Study Data Element

Harmonization and Standardization [Poster](#)

17. Jayashree Kalpathy-Cramer Informatics Tools for Optimized Imaging Biomarkers for Cancer Research & Discovery [Poster](#)

18. Tahsin Kurc containerized Software System for Generation, Management and Exploration of Features from Whole Slide Tissue Images [Poster](#)

19. Han Liang The Cancer Proteomic Atlas [Poster](#)

20. Anant Madabhushi, Anne Martel Pathology Image Informatics Platform for Visualization, Analysis and Management [Poster](#)

21. Lauren O'Donnell Open Source Diffusion MRI Technology for Brain Cancer Research [Poster](#)

22. Yi Qiao Seeder Seeker: A computational toolkit for reconstructing metastatic expansion at a sub clonal level [Poster](#)

23. Michael Reich Gene Pattern Notebook: an environment for reproducible cancer research [Poster](#)

24. Jim Robinson The Integrative Genomics Viewer (IGV): Visualization Supporting Cancer Research [Poster](#)

25. Joel Saltz Tools to Analyze Morphology and Spatially Mapped Molecular Data – Dr. Joel Saltz [Poster](#)

26. Brion Sarachan Informatics Tools for Tumor Heterogeneity in Multiplexed Fluorescence Images [Poster](#)

27. Ragini Verma Computational Neuro-Oncology: surgical and treatment planning [Poster](#)

28. Xiaodong Wu Optimal Co-Segmentation of Tumor in PET-CT Images With Context Information [Poster](#)

29. Xinshu (Grace) Xiao Informatic tools for single-nucleotide analysis of cancer RNA-Seq [Poster](#)

30. Hong Yu EMR Adverse Drug Event Detection for Pharmacovigilance, Hong Yu [Poster](#)

31. Jing Zhu, Mary Goldman The UCSC Xena system for cancer genomics data visualization and interpretation [Poster](#)

32. Bradley Broom Next Generation Clustered Heat Maps-(NG-CHMs) for Interactive Exploration of Patterns in OMIC Data [Poster](#)

33. Nathalie Pockert Integrative genomic framework for dissecting regulatory mechanisms underlying hepatocellular carcinoma [Poster](#)

34. Carol Bult MTB:Compendium of mouse models of human cancer – Dual Presentation with PDX Finder – Poster

35. Dexter Pratt NDEx in the Fan GO Workflow: from Analysis to Publication [Poster](#)

36. Chakra Chennubhotla: THRIVE: Tumor Heterogeneity Research Interactive Visualization Environment [Poster](#)