Posters

Topic	Team	Title	Poster #
Bioinformatic Tools: Data Analysis and Data Access	PGDAC: New York University/ Washington University/ Brigham Young University	Unified access to cancer proteogenomics data	1
		Data-driven discovery of phosphorylation modules in cancer	2
		PTMcosmos: A Web Portal of Post-Translational Modifications and Proteogenomic Resources in Cancer	3
		Predicting and Visualizing Mutations in Cancer Histopathology Images Using Deep Learning	4
	PGDAC: Baylor College of Medicine	Bioinformatics tools to integrate and understand molecular changes associated with oncogenic processes.	5
		OmicsEV: a tool for comprehensive evaluation of omics data processing methods	6
		PrecisionFDA NCI-CPTAC Multi-omics Enabled Sample Mislabeling Correction Challenge	7
	PGDAC: Mount Sinai	iProFun: An integrative analysis tool to screen for Proteogenomic Functional traits	8
		The CPTAC Network Exploration Portal and CPTAC Data Browser	9
	PGDAC: University of Michigan	Michigan Proteomics Pipeline	10
	PGDAC: Broad Institute	Interactive Co-Occurrence Mutation (iCoMut) Plots Provide a Comprehensive Visualization of Mixed Genomics and Proteomics Data	11
		Broad GDAC Terra/FireCloud Pipeline Brings Proven, Scalable and Reproducible Computational Methods to the Interpretive Analysis of Proteogenomics Data	12
		A fully automated, cloud-enabled pipeline for unsupervised clustering of multi-omics datasets	13
		Proteogenomic Tumor Analysis in the Cloud	14
	National Institute of Standards and Technology	In Depth Analysis of Peptide Modifications - Estimating Modification-specific FDR and Variation Across Samples	15
	Leidos	The Comprehensive Data Resource (CDR): An informatics system for complex, multi-omics research studies	16
	The Cancer Imaging Archive	The Cancer Imaging Archive (TCIA): CPTAC Radiology and Pathology Imaging Research Efforts	17
	PCC: Pacific Northwest National Laboratory	Evaluation of differential peptide loading on TMT-based proteomic and phosphoproteomic data quality	18
	DCC: Enterprise Science and Computing/Georgetown	“Proteomic Resources for the Cancer Research Community: The CPTAC Assay Portal, Data Portal, and Clinical Dashboard”	19
		Engaging the Protein Science Community to Expand Protein Literature Representation and Annotations in UniProt	20
Head & Neck Cancer	PGDAC: Baylor College of Medicine	Proteogenomic Characterization of HPV-negative Head and Neck Squamous Cell Carcinoma	21
Kidney Cancer	PCC: Johns Hopkins University	Integrated Protegenomic Characterization of Clear Cell Renal Cell Carcinoma	22

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Pancreatic Cancer	PCC: Johns Hopkins University	Integrated Proteogenomic Characterization of Pancreatic Ductal Adenocarcinoma	24
AML	PTRC: Pacific Northwest National Laboratory/ Oregon Health and Science University	Global and Phosphoproteomic Analysis of AML Cell Line Response to Kinase Inhibitor Treatment	25
Ovarian Cancer	PTRC: Fred Hutchinson Cancer Center/University of Alabama	Proteogenomic approach to identify mechanisms of platinum refractoriness in high-grade serous ovarian cancers	26
Pediatric Brain Cancers	Tissue Source Site: Biomatrix/China	Urinary protein biomarker for pediatric medulloblastoma	27
	PGDAC: Mount Sinai	Integrated Proteogenomic Characterization of Pediatric Brain Tumors	28
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		LINE-1 activity in cancer is correlated across life-cycle stages and with interferon signatures	35
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	PTRC: Broad Institute & Baylor College of Medicine	Microscaled Proteogenomic Methods for Precision Oncology	39
	PCC: Pacific Northwest National Laboratory	Comprehensive nanoproteomics analysis enabled by an intelligent Boosting to Amplify Signal with Isobaric Labeling (iBASIL) strategy	40
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