NATIONAL CANCER INSTITUTE
Office of Cancer Clinical Proteomics Research

THE CLINICAL PROTEOMIC TUMOR ANALYSIS CONSORTIUM SCIENTIFIC SYMPOSIUM

OCTOBER 16, 2019
NATIONAL INSTITUTES OF HEALTH
BUILDING 35A, PORTER NEUROSCIENCE CENTER, ROOMS 610/620/630/640
35 CONVENT DRIVE, BETHESDA, MARYLAND 20892

The CPTAC Symposium will begin on Wednesday, October 16 at 8:30 am and will conclude at 6:00 p.m.

AGENDA

8:00 a.m.- 8:30 a.m.	Registration
8:30 a.m. - 8:40 a.m.	*Opening Remarks* Douglas R. Lowy, M.D., Director (Acting) National Cancer Institute, NIH
8:40 a.m. - 9:00 a.m.	*State of CPTAC (Status Report)* Henry Rodriguez, Ph.D., M.B.A. National Cancer Institute, NIH
9:00 a.m.- 10:30 a.m.	Session I
9:00 a.m. - 9:30 a.m.	*Deep Integrated Proteogenomic Characterization of Renal Cell Carcinoma* David Clark, Ph.D. Johns Hopkins University
9:30 a.m.- 10:00 a.m.	*Proteogenomic Characterization of Endometrial Carcinoma* Emily Kawaler, M.S. New York University Langone Health
10:00 a.m. - 10:30 a.m.	*Proteogenomic Analysis of Pediatric Brain Tumors and Adult Glioblastoma Multiforme (CPTAC partnership with the Gabriella Miller Kids First Pediatric Research Program)* Brian R. Rood, M.D. Children's National Health System Li Ding, Ph.D. Washington University in St. Louis, School of Medicine
10:30 a.m. – 10:55 a.m.	Break (Group Picture)
10:55 a.m.- 12:10 p.m.	Session II

10:55 a.m. - 11:20 a.m.	*Proteogenomic characterization of ovarian high-grade serous cancer implicates mitotic kinase and replication stress* Karin Rodland, Ph.D. Pacific Northwest National Laboratory; Oregon Health & Science University
11:20 a.m. - 11:45 a.m.	*Integrated Glycoproteomic Characterization of Human High-Grade Serous Ovarian Cancer* Hui Zhang, M.S., Ph.D. Johns Hopkins School of Medicine
11:45 a.m. - 12:10 p.m.	*Ovarian Cancer and Platinum Resistance for Clinical Trials* Michael Birrer, M.D., Ph.D. University of Alabama Comprehensive Cancer Center
12:10 p.m. - 1:45 p.m.	*Lunch (on your own) and poster viewing*
1:45 p.m.- 3:25 p.m.	Session III
1:45 p.m. - 2:10 p.m.	*Comprehensive Proteogenomic Analysis of Human Colon Cancer Reveals New Therapeutic Opportunities* Bing Zhang, Ph.D. Baylor College of Medicine
2:10 p.m. - 2:35 p.m.	*Comprehensive Proteogenomic Analysis of Human Lung Adenocarcinoma* Michael A Gillette, M.D., Ph.D. Broad Institute of MIT and Harvard
2:35 p.m. - 3:00 p.m.	*Breast Cancer Proteogenomics for Clinical Trials* Matthew J. Ellis, M.B., BChir, BSc., PhD, FRCP Baylor College of Medicine
3:00 p.m. - 3:25 p.m.	*Global and Phosphoproteomic Analysis to Kinase Inhibitor Treatment in Acute Myeloid Leukemia (partnership with BEAT AML Master Clinical Trial)* Elie Traer M.D., Ph.D. Oregon Health & Science University
3:25 p.m.- 3:45 p.m.	Break
3:45 p.m.- 6:00 p.m.	Session IV
3:45 p.m. - 4:10 p.m.	*Development of Fit-For-Purpose Targeted Mass Spec Proteomic Assays* Amanda G. Paulovich, M.D., Ph.D. Fred Hutchinson Cancer Reserarch Center
4:10 p.m. - 4:35 p.m.	*Towards Single Cell [Comprehensive] Proteomics* Tao Liu, Ph.D., Pacific Northwest National Laboratory
4:35 p.m.- 6:00 p.m.	Live Demo Workshop- Data Access and Informatic Tools
4:35 p.m. - 5:15 p.m.	*Session 1: Data Access* *Proteomics:* Karen Ketchum, Ph.D., ESAC, Inc. *Genomics:* Sharon Gaheen, Leidos Biomed *Imaging:* Justin Kirby, Frederick National Laboratory for Cancer Research

5:15 p.m. - 6:00 p.m.

Session 2: Data Analysis Tool

- Data and Interactive Network Visualization for Proteogenomic Data: Mt. Sina team
- Multi-omics data analysis tool (LinkedOmics): BCM team
- Database to visualize post-translational modifications in humans (PTMcosmos): WashU team