NATIONAL CANCER INSTITUTE
Office of Cancer Clinical Proteomics Research

The Clinical Proteomic Tumor Analysis Consortium Scientific Symposium

Wednesday, October 16, 2019
8:30 a.m. - 6:00 p.m.

National Institutes of Health
Building 35A, Porter Neuroscience Center, Rooms 610/620/630/640
35 Convent Drive, Bethesda, Maryland 20892

AGENDA

8:00 a.m. - 8:30 a.m.	**Registration**
8:30 a.m. - 8:45 a.m.	**State of CPTAC (Status Report)** Henry Rodriguez, Ph.D., M.B.A. National Cancer Institute, NIH
8:45 a.m. - 10:15 a.m.	**Session I**
8:45 a.m. - 9:15 a.m.	**Deep Integrated Proteogenomic Characterization of Renal Cell Carcinoma** David Clark, Ph.D. Johns Hopkins University
9:15 a.m. - 9:45 a.m.	**Proteogenomic Characterization of Endometrial Carcinoma** Emily Kawaler, M.S. New York University Langone Health
9:45 a.m. - 10:15 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
10:15 a.m. – 10:35 a.m.	**Break**
10:35 a.m. - 11:50 a.m.	**Session II**
10:35 a.m. - 11:00 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
11:00 a.m. - 11:25 a.m.	**Integrated Glycoproteomic Characterization of Human High-Grade Serous Ovarian Cancer** Hui Zhang, M.S., Ph.D. Johns Hopkins University School of Medicine
11:25 a.m. - 11:50 a.m.	**Ovarian Cancer and Platinum Resistance for Clinical Trials** Michael Birrer, M.D., Ph.D. University of Alabama Comprehensive Cancer Center

11:50 a.m. - 1:30 p.m.	**Lunch (on your own) and Poster Viewing**
1:30 p.m. - 3:10 p.m.	**Session III**
1:30 p.m. - 1:55 p.m.	**Comprehensive Proteogenomic Analysis of Human Colon Cancer Reveals New Therapeutic Opportunities** Bing Zhang, Ph.D. Baylor College of Medicine
1:55 p.m. - 2:20 p.m.	**Comprehensive Proteogenomic Analysis of Human Lung Adenocarcinoma** Michael A Gillette, M.D., Ph.D. Broad Institute
2:20 p.m. - 2:45 p.m.	**Breast Cancer Proteogenomics for Clinical Trials** Matthew J. Ellis, M.B., B.Chir., B.Sc., Ph.D., FRCP Baylor College of Medicine
2:45 p.m. - 3:10 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
3:10 p.m. - 3:40 p.m.	**Break and Group Picture**
3:40 p.m. - 3:45 p.m.	**Welcome Remarks** Douglas R. Lowy, M.D., Director (Acting) National Cancer Institute, NIH
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