



THE CLINICAL PROTEOMIC TUMOR ANALYSIS CONSORTIUM STEERING COMMITTEE MEETING

<SCIENTIFIC & PROGRAMMATIC UPDATES>

WEDNESDAY SEPTEMBER 23, 2020

A VIRTUAL CLOSED MEETING

The CPTAC Steering Committee Meeting will begin at 10:00 a.m. ET and will conclude at 5:30 p.m. ET

AGENDA

10:00 a.m.

Session I: Tumor Characterization Program

(20 min Presentation + 5 min Q&A)

Moderator: Ana Robles, Ph.D., NCI

10:00 a.m. – 10:25 a.m.

Proteogenomic Analysis of Lung Squamous Cell Carcinoma, Discovery Samples Flagship Manuscript/ Progress report

Shankha Satpathy, Ph.D., Broad institute

10:25 a.m. – 10:50 a.m.

Proteogenomic Analysis of Pancreatic Ductal Adenocarcinoma, Discovery Samples Flagship Manuscript/ Progress report

Hui Zhang, Ph.D., Johns Hopkins School of Medicine

Bing Zhang, Ph.D., Baylor College of Medicine

10:50 a.m. – 11:15 a.m.

Proteogenomic and Metabolomic Characterization of Human Glioblastoma

Tao Liu, Ph.D., Pacific Northwest National Laboratory

11:15 a.m.

Session II: Proteogenomic Translational Program

(20 min Presentation + 5 min Q&A)

Moderator: Mehdi Mesri, Ph.D., NCI

11:15 a.m. – 11:40 a.m.

Microscaled Proteogenomics of TNBC Clinical Trial Breast Cancer Biospecimens

Meenakshi Anurag, Ph.D., Baylor College of Medicine

11:40 a.m. – 12:05 p.m.

Mechanism of Platinum Resistance in Ovarian Cancer

Amanda Paulovich, M.D., Ph.D., Fred Hutchinson Cancer Research Center

Michael Birrer, M.D., Ph.D., University of Arkansas for Medical Sciences

12:05 p.m. – 12:45 p.m. **Lunch & poster viewing**

12:45 p.m. **Session III: Tumor Characterization Program (Supporting Activities)**

Moderator: Tara Hiltke, Ph.D., NCI

12:45 p.m. – 1:30 p.m. **CPTAC Pan-cancer Studies Status: Implementation, Requirements, Open Discussion**

Ana Robles, Ph.D., NCI

Li Ding, Ph.D. Washington University in St. Louis

1:30 p.m. – 1:50 p.m. **Progress on Pan-cancer Stemness as Hallmark of Oncogenic Progression**

Maciej Wiznerowicz, M.D., Ph.D., International Institute for Molecular Oncology, Poland

1:50 p.m. – 2:10 p.m. **Overview of Single Nuclei Analyses Across Multiple CPTAC Cancers**

Li Ding, Ph.D. Washington University in St. Louis

2:10 p.m. – 2:30 p.m. **Initial Assessment of CPTAC DIA Datasets**

Steve Stein, Ph.D., National Institute of Standards and Technology

2:30 p.m. – 2:45 p.m. **Break**

2:45 p.m. **Session IV: Tumor Characterization Program (Pilot projects)**

PTRCs and PCCs will provide summaries/outcomes of their all Pilot Projects

(15 min Presentation)

Moderator: Eunkyung An, Ph.D., NCI

2:45 p.m. – 3:00 p.m. BCM/Broad Institute Breast Cancer PTRC

3:00 p.m. – 3:15 p.m. FHCRC/UAMS Ovarian Cancer PTRC

3:15 p.m. – 3:30 p.m. PNNL/OHSU AML PTRC

3:30 p.m. – 3:45 p.m. PNNL PCC

3:45 p.m. – 4:00 p.m. JHU PCC

4:00 p.m. – 4:15 p.m. Broad Institute PCC

4:15 p.m. – 4:30 p.m. **Break**

4:30 p.m.

Session V: Tumor Characterization Program (Disease Working Groups, Status

Prior to the meeting, the Disease Working Group chair(s), in coordination with their teams, will summarize/integrate a status report (main tasks/action items/timelines), and create a short PPT. slide deck for presentation to the consortium

(20 min Presentation)

Moderator: Mehdi Mesri, Ph.D., NCI

4:30 p.m. – 4:50 p.m.

Head & Neck, Pancreatic, and Kidney teams

Joint JHU PCC and Associated PGDAC (Baylor)

Hui Zhang, Ph.D., Bing Zhang, Ph.D.

4:50 p.m. – 5:10 p.m.

GBM, AYA, and Endometrial teams

Joint PNNL PCC and Associated PGDACs (NYU/WashU/BYU, Mt. Sinai, BCM)

Tao Liu, Ph.D., Li Ding, Ph.D., Pei Wang, Ph.D.

5:10 p.m. – 5:30 p.m.

Lung Adenocarcinoma and Lung Squamous Cell Carcinoma teams

Joint Broad PCC and Associated PGDACs (Broad & UMich)

D.R. Mani, Ph.D., Alexey Nesvizhskii, Ph.D.

5:30 p.m.

Adjourn