

ctDNA in Cancer Treatment and Clinical Care: Workshop Agenda

Check-in starts at 8:15 AM for both days. Note that all guests to NCI Shady Grove campus are required to go through visitor security screening; please allow enough time to pass through security and check-in to the workshop before the start of the event. All times are listed in Eastern Daylight Time.

Day 1: September 14, 2023

Welcome and Opening Remarks		
9:00 AM - 9:15 AM	Welcome and workshop format	Dr. Brian Sorg
9:15 AM - 9:30 AM	Workshop overview	Dr. Lyndsay Harris
Statistician and Patient Perspectives on ctDNA		
9:30 AM - 9:45 AM	ctDNA clinical trial designs	Dr. Lisa McShane
9:45 AM - 10:00 AM	Patient perspective on ctDNA in treatment management and care	Patty Spears
10:00 AM - 10:15 AM	Discussion	
10:15 AM - 10:30 AM	Break	
ctDNA for Management of Solid Tumors in the Neoadjuvant Setting		
10:30 AM - 10:45 AM	Perioperative ctDNA dynamics with hepatectomy for colorectal liver metastases	Dr. Arvind Dasari
10:45 AM - 11:00 AM	ctDNA to detect residual disease after neoadjuvant therapy in breast cancer	Dr. Muhammed Murtaza
11:00 AM - 11:15 AM	ctDNA in neoadjuvant-treated breast cancer reflects response and survival	Dr. Laura van 't Veer
11:15 AM - 11:30 AM	Discussion	
ctDNA for Management of Solid Tumors in the Adjuvant Setting		
11:30 AM - 11:45 AM	ctDNA kinetics predict PFS and OS in EGFR TKI-treated patients with EGFR-Mutant NSCLC	Dr. Philip Mack
11:45 AM - 12:00 PM	ctDNA guiding adjuvant therapy in colon cancer	Dr. Yuxuan Wang
12:00 PM - 12:15 PM	Plasma ctDNA response is an early marker of treatment effect in advanced NSCLC	Dr. Yanan Kuang
12:15 PM - 12:30 PM	Discussion	
12:30 PM - 1:30 PM	Lunch	
ctDNA Post-Treatment and MRD Surveillance of Solid Tumors		
1:30 PM - 1:45 PM	MRD detection in early stage breast cancer treatment	Dr. Heather Parsons
1:45 PM - 2:00 PM	MRD detection using plasma-only ctDNA in patients with colorectal cancer	Dr. Aparna Parikh
2:00 PM - 2:15 PM	ctDNA for MRD for treatment monitoring in advanced melanoma patients	Dr. Zeynep Eroglu
2:15 PM - 2:30 PM	Discussion	
ctDNA for Treatment of Metastatic Solid Tumors		
2:30 PM - 2:45 PM	ctDNA serial analysis during progression on PD-1 blockade and later CTLA-4 rescue in patients with mismatch repair deficient metastatic colorectal cancer	Dr. Pashtoon M. Kasi
2:45 PM - 3:00 PM	Longitudinal ctDNA-based model associated with survival in metastatic NSCLC	Dr. Katja Schulze
3:00 PM - 3:15 PM	Evolution of the genomic landscape of ctDNA in metastatic prostate cancer over treatment and time	Dr. Pedro Barata
3:15 PM - 3:30 PM	Discussion	
3:30 PM - 3:45 PM	Break	
Challenges of ctDNA as a Biomarker		
3:45 PM - 4:00 PM	Biological/technical challenges in collection/analysis of cfDNA	Dr. Abhijit Patel
4:00 PM - 4:15 PM	ctDNA pre-analytical variables and best practices for sample collection	Dr. Sarah Greytak
4:15 PM - 4:30 PM	Evaluating the analytical validity of ctDNA sequencing assays for precision oncology	Dr. Joshua Xu
4:30 PM - 4:45 PM	Economic value of liquid biopsy for genomic profiling in advanced NSCLC	Dr. Doreen A. Ezeife
4:45 PM - 5:00 PM	Discussion	
5:00 PM - 5:15 PM	Announcements/Day 1 Wrap-Up, Adjourn	

ctDNA in Cancer Treatment and Clinical Care: Workshop Agenda

Check-in starts at 8:15 AM for both days. Note that all guests to NCI Shady Grove campus are required to go through visitor security screening; please allow enough time to pass through security and check-in to the workshop before the start of the event. All times are listed in Eastern Daylight Time.

Day 2: September 15, 2023

8:50 AM - 9:00 AM	Welcome/Announcements	
NCI Funding Initiatives for ctDNA Projects		
9:00 AM - 9:15 AM	NOFOs for ctDNA support	Dr. Miguel Ossandon
Beyond DNA Mutations and Blood		
9:15 AM - 9:30 AM	HBV viral-host junction DNA in urine as a biomarker for HCC MRD and recurrence	Dr. Ying-Hsiu Su
9:30 AM - 9:45 AM	ctDNA in saliva for treatment and monitoring	Dr. David Wong
9:45 AM - 10:00 AM	Methylated microRNA biomarkers in saliva of head and neck cancer recurrence	Dr. Shi-Long Lu
10:00 AM - 10:15 AM	Collection, analysis, and clinical use of ctDNA in CSF	Dr. Alexandra Miller
10:15 AM - 10:30 AM	Discussion	
10:30 AM - 10:45 AM	Break	
10:45 AM - 11:00 AM	Genomic profiling of bronchoalveolar lavage cfDNA in lung cancer	Dr. Viswam Nair
11:00 AM - 11:15 AM	Methylated cfDNA for disease subtyping and prognostics	Dr. Scott Bratman
11:15 AM - 11:30 AM	DNA methylation signatures of retinoblastoma using aqueous humor liquid biopsy	Dr. Jesse Berry
11:30 AM - 11:45 AM	ctDNA in urine to detect MRD and predict survival in bladder cancer	Dr. Adel Chaudhuri
11:45 AM - 12:00 PM	Discussion	
12:00 PM - 12:45 PM	Lunch	
Advances in Technology, Assays, and Clinical Translation		
12:45 PM - 1:00 PM	ctDNA and other technological advances	Dr. Chris Karlovich
1:00 PM - 1:15 PM	Advancing clinical applications for liquid biopsy for FGFR-positive cancers	Dr. Sameek Roychowdhury
1:15 PM - 1:30 PM	Regulatory considerations for ctDNA assays	Dr. Liz Mansfield
1:30 PM - 1:45 PM	BloodPAC protocols for analytical validation of ctDNA assays	Dr. Jennifer Dickey
1:45 PM - 2:00 PM	Discussion	
2:00 PM - 2:15 PM	Wrap-up, Adjourn	