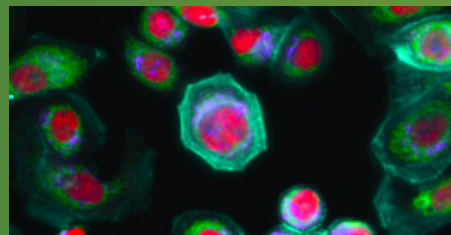
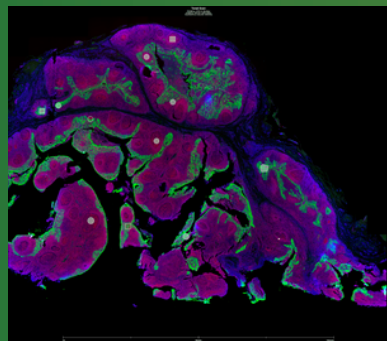


SPATIAL MOLECULAR PROFILING OF THE CANCER TISSUE MICROENVIRONMENT: A REVOLUTION IN BIOMARKER DIAGNOSTICS

November 30, 2022

12:30 - 5:00p EST

Virtual



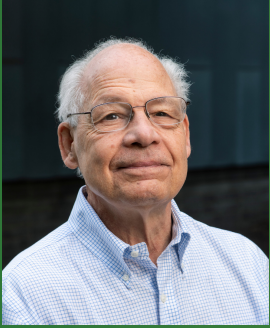
The field of tissue spatial molecular profiling has reached a high level of sophistication, and offers a rich set of technologies, software, and protocols of interest to the members of the American Association for Clinical Chemistry membership.

Join us for this collaborative half-day symposium to learn about the latest cancer biomarker discoveries using these new tools, and have access to expert guidelines, standard protocols, and technology choices for their own specific intended uses.

Event Info Email
nboddie@gmu.edu

Open to public
Registration Required

SPEAKERS



12:30 to 12:50PM Introduction/Opening Remarks
Dr. Liotta, George Mason University
Spatial Tissue Molecular Profiling



12:50 to 1:20PM
Dr. Eva Hedlund, Karolinska Institute
LCM-Seq, a novel spatially anchored, extraction free
method for single and multicellular RNA-seq in
tissue



1:20 to 1:50PM
Dr. Kevin Janes, University of Virginia
10cRNAseq with stochastic profiling for inferred
single-cell expression in tissue

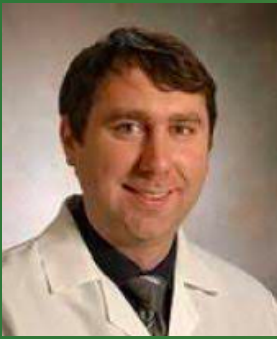


1:50 to 2:20PM
Dr. Robert West, Stanford University
Spatial transcriptomics in FFPE clinical archival
tissues with novel Smart-35eq method

BREAK 2:20 TO 2:30PM



2:30 to 3:00PM
Dr. Emanuel Petricoin, George Mason University
Spatial phospho-proteomic profiling of breast cancer
predicts the likelihood that an individual patient's
HER2positive tumor will respond by complete pathologic
response(PCR) to neoadjuvant HER2 therapies



3:00 to 3:30PM

**Dr. Michael T. Eadon, Indiana University Health
Medical Center**

**Cellular and molecular interrogation of kidney biopsy
specimens.**



3:30 to 4:00PM

**Dr. R.M.A. Heeren, Maastrich University Netherlands
Combining LCM and imaging MS to achieve in-depth
tissue multi-omics**



4:00 to 4:30PM

**Dr. Shawn M. Davidson, Princeton University
Metabolomic spatial tissue profiling using imaging
mass spectrometry**



4:30 to 5:00PM

**Dr. Tom Conrads, INOVA Schar Cancer Institute
Intratumor Proteogenomic Heterogeneity Revealed
by Multiregion Sampling in a High-Grade Serous
Ovarian Tumor Specimen**



5:00 to 5:30PM Closing Remarks

Dr. Laura Esserman, UCSF

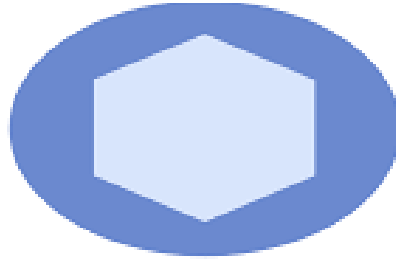
**Interrogating the breast cancer microenvironment:
driving therapeutic discovery using innovative
clinical trial designs**

Sponsors/Acknowledgements



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Intercellular Communication

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