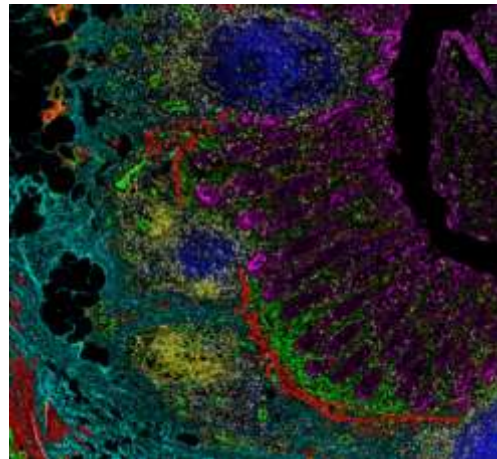


The Technology Seminar Series Presents:

***“Visualize a new path forward using
Hyperion, an Imaging Mass Cytometry
System”***

Emily Thrash, PhD

New England Region - Field Applications Scientist – Proteomics
Fluidigm Incorporated



Thursday, March 17th, 2022

12:00 – 1:00 pm

Zoom Meeting

<https://masseyeandear.zoom.us/j/583662273?pwd=TWJlTUEV6ZTFUTzUzaWx5dXFmR2puQT09>

Meeting ID: 583 662 273

Passcode: 248969

Summary of Thrash's talk:

Spatial biology, or how cells organize and interact within the tissue microenvironment, is key to furthering our understanding of cancer, immunotherapy, neurodegenerative disease and so much more. Imaging mass cytometry (IMC) is a vital tool that allows researchers to gain an appreciation of the role of heterogeneity in cell function and assess complex phenotypes and tumor-immune interactions in the tissue and tumor microenvironment. Using the Hyperion Imaging System, you can visualize the complex spatial biology of the tissue microenvironment. IMC is a single-cell resolution technology without autofluorescence and no time-consuming cyclic protocols. IMC is proven by hundreds of hands-on users and more than 130 peer-review publications.

Our seminar will cover:

- (a) The principles and workflows for imaging mass cytometry using **Hyperion™ Tissue Imaging System**
- (b) How researchers are using imaging mass cytometry to phenotype the tissue microenvironment, discovery biomarkers, and gain therapeutic insights.

About Dr. Thrash:

Dr. Emily Thrash Ph. D. is the field applications scientist from Fluidigm Inc. supporting mass cytometry customers in the New England region. Prior to Fluidigm, Emily was a staff scientist in the Center for Immuno-Oncology Immune Assessment Lab at Dana-Farber Cancer Institute where she led CyTOF projects as a correlative assay for biomarker discovery in clinical trials.

Website:

<https://www.fluidigm.com/>



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