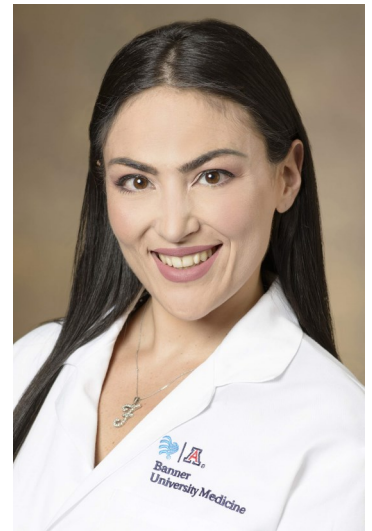# THE DEPARTMENT OF CELLULAR & MOLECULAR MEDICINE PRESENTS

CMM SPECIAL SEMINAR

"TISSUE DIGITAL SPATIAL PROFILING: A NEW FRONTIER OF PROTEOMICS AND TRANSCRIPTOMICS "

FRANCESCA POLVERINO, MD, PhD
ASSOCIATE PROFESSOR
MEDICINE
UNIVERSITY OF ARIZONA

Understanding tissue heterogeneity is critical to answering key biological questions. The current tissue analysis paradigm requires a tradeoff between low-plex spatial analysis or high-plex bulk analysis, sacrificing valuable information and consuming precious samples. NanoString's GeoMx Digital Spatial Profiler (DSP) combines the best of spatial and molecular profiling technologies by generating digital whole transcriptomes and profiling data for 100s of validated Protein analytes from up to 12 tissue slides per day. This unique combination of high-plex and high-throughput spatial profiling enables researchers to rapidly and quantitatively assess the biological implications of the heterogeneity within tissue samples. From discovery to translational research, the GeoMx DSP is the most flexible and robust spatial solution designed to conform to your ever-changing research needs.

MONDAY, APRIL 26, 2021
REMOTE DEPARTMENTAL SEMINAR
3:00PM | ZOOM LINK

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