You are invited to a seminar being held by Menarini Silicon Biosystems

**DEPAArray™ Technology Enables Automated, Precise, and Pure Target-Cell Recovery**

**The University of Michigan**
**Date:** Wednesday, July 24th, 2019, 2:00 p.m.  
**Location:** Auditorium, Medical Science Building 1 M5330, 1301 Catherine St.  
**Presenter:** Raimo Tanzi, Ph.D., Chief Market Development Officer

Discover the DEPAArray NxT™, our revolutionary system for isolation of single cells or pure cell populations from solid tumor, liquid biopsy and FFPE specimens, even for samples with low cellularity.

By resolving sample heterogeneity, DEPAArray NxT™ enables the full power of NGS analysis for any sample type, eliminating genetic background noise.

**LIQUID BIOLOGY**
We will present our integrated workflow to enumerate, isolate and analyze single CTCs and other rare cells using CellSearch®, DEPAArray™, and Ampli1 technologies.

**SOLID BIOLOGY**
Protocols for disaggregation and staining of FFPE samples enable to use DEPAArray™ digital sorting to isolate pure tumor cell populations, even in low cellularity epithelial origin tumors samples. This workflow enables accurate analysis of Copy Number Variation and somatic mutations from single cells or pooled pure cell populations.

**GENOMIC ANALYSIS**
Single CTCs are processed using the Ampli1™ Low Pass genome NGS workflow to obtain highly accurate Copy Number Aberration profiles which enable the real-time analysis of tumor heterogeneity and determine the correlation of each clonal population with drug resistance/response.