Isolation of tumor cells and TILs for optimized downstream analysis and primary cell culture, and single cell solutions for genomics, transcriptomics, and epigenomics

Join Miltenyi Biotec on Thursday, March 28th for a seminar to learn more about the isolation of tumor cells and tumor-onfiltrating lymphocytes for optimized downstream analysis and primary cell culture, and single cell solutions for genomics, transcriptomics, and epigenomics.

Thursday, March 28, 2019
12:00 p.m. - 1:30 p.m.
Duke University (RSVP: https://miltenyibiotech_10xgenomics_dukeseminar.eventbrite.com)
MSRB1 - Room 001

Schedule:
12:00 p.m. - 12:45 p.m
Isolation of tumor cells and TILs for optimized downstream analysis and primary cell culture
Dr. Olaf Hardt, Manager R&D Oncology, Miltenyi Biotec GmbH

Optimized and automated dissociation of tumor tissue results in high-yield, viability, and improved cell surface marker preservation. During his talk, Dr. Olaf will highlight methods for the untouched isolation of tumor cells from mouse, human, and xenotransplanted tumor tissue. Also, he will talk about the isolation of tumor subpopulations for enhancing NGS-based analyses, as well as about a novel workflow allowing for the automated isolation and analysis of TILs, which enhances immunotherapy research.

12:45 p.m. - 1:30 p.m
Single Cell Solutions for Genomics, Transcriptomics, and Epigenomics
Nirav Patel, Technical Sales Specialist, 10X Genomics

Whether you want to dissect cell-type differences, investigate the adaptive immune system, or discover copy number variation and genomic heterogeneity on a cell-by-cell basis, the Chromium System from 10x Genomics is the answer. Characterize and profile gene expression in hundreds to tens of thousands of single cells, sequence-paired, full-length B-cell or T-cell repertoires, or profile hundreds to thousands of single cell genomes to reveal genome heterogeneity and understand clonal evolution. These are just a few of the ways our solutions can provide unparalleled insight into previously inaccessible information. Learn how to enhance your biological discoveries with our genomics and high-throughput single cell transcriptomics products and explore our newest single cell technologies such as the Single Cell ATAC Solution and Single Cell Gene Expression Solution with Feature Barcoding technology.