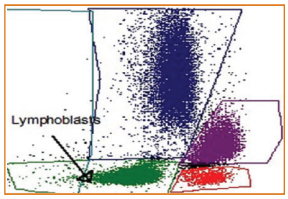
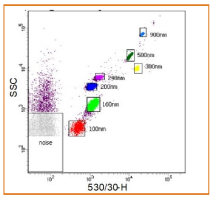
OHSU Research Cores and Shared Resources

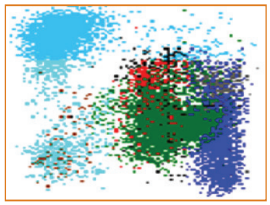
Flow Cytometry & Monoclonal Antibodies

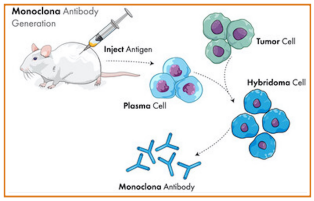
OHSU's cores are your campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.

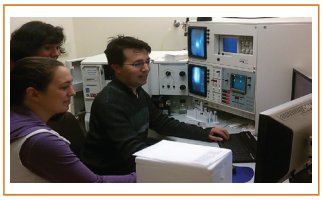
www.ohsu.edu/cores











The OHSU Flow Cytometry & Monoclonal Antibody Shared Resource (FCMAbSR), which is part of the Knight Cancer Institute (KCI) and the OHSU University Shared Resource Cores (USR), provides instrumentation and assistance with flow cytometry and mass cytometry (CyTOF), as well as monoclonal antibody development, expression and purification.

Core Director
Mike Munks, Ph.D.

Core Scientists
Pamela Canaday
Reshma Purohit
Christina Metea
Yong-Ping Zhong
Abby Buenafe

Locations
Marquam Hill Campus -
Richard Jones Hall (North)
Room RJH 5380

South Waterfront Campus -
Knight Cancer Research Bldg.
Room KCRB 4161

Email
canadayp@ohsu.edu
munksm@ohsu.edu

Phone
503-494-0661 (RJH)
503-494-6145 (KCRB)

Web
www.ohsu.edu/flowcytometry

Introduction

Core scientists in the **Flow Cytometry** lab can assist with flow cytometry analysis, sorting, mass cytometry (CyTOF), analyte analysis and can provide training for users to perform their own data collection and sorts.

Core scientists in the **Monoclonal Antibody** lab can provide all steps in development of novel monoclonal antibody hybridomas, as well as perform monoclonal antibody expression and purification.

Flow Analyzers
Cytek Aurora
BD Symphony A5
BD Fortessa
BD Canto II
BD LSR II
BC CytoFLEX S

Flow Sorters
BD Symphony S6
BD Aria Fusion
BD InFlux

Other Instruments
Helios CyTOF
Luminex 200
Miltenyi autoMACS

Software Licenses
FlowJo (discounted)
FCS Express (discounted)

Monoclonal Antibody Development
Project Design
Immunizations
Hybridoma Fusions
Screening
Hybridoma Clonining
Hybridoma Cryopreservation

Monoclonal Expresion & Purification
Hybridoma Isotyping
Small-Scale mAb Expression (50 mL to 1 L)
Large-Scale mAb Expression (1 L to 10+ L)
mAb Purification

OHSU KNIGHT CANCER Institute

04.08.2025