



Molecular & Cellular Immunology Core Facility
John A. Burns School of Medicine | University of Hawai'i at Manoa



Molecular and Cellular Immunology Core & BD Biosciences Present Flow Cytometry Seminar:

FLOW CYTOMETRY AND CELL SORTING FOR EVERY TYPE OF BIOLOGICAL SAMPLES:

DURING THIS SEMINAR, THE BASICS OF FLOW CYTOMETRY AND CELL SORTING WILL BE COVERED INCLUDING SAMPLE PREPARATION FOR A VARIETY TYPES OF SAMPLES: PLANKTON, BACTERIA, YEASTS, EUKARYOTIC AND PROKARYOTIC CELLS, AS WELL AS INSTRUMENT SETTINGS AND THE NECESSARY CORRECT CONTROLS.

WE WILL ALSO DISCUSS THE TYPE OF DOWNSTREAM ANALYSIS POSSIBLE AFTER CELL SORTING AND THE ADVANTAGES OF INDEX SORTING, WHICH IS THE ABILITY TO SORT SINGLE CELLS INTO 96 WELL/PCR PLATES AND ALLOWING ONE TO RECORD THE FLUORESCENCE LEVELS OF THE ONE SORTED CELL, AND TIE THAT DATA WITH ANY DOWNSTREAM APPLICATION. WE WILL EXPLAIN THE CAPABILITIES AND POSSIBILITIES OF SUCH A POWERFUL TOOL IN SINGLE CELL RESEARCH.

**LISA BELLEMARE
RESEARCH APPLICATIONS SCIENTIST, BD BIOSCIENCES**

THURSDAY JUNE 6, 2019

10AM

**SOEST VIDEO WALL ROOM 131 HAWAI'I INSTITUTE OF GEOPHYSICS (HIG)
EDIBLE GOODIES WILL BE PROVIDED**

FOR FURTHER INFORMATION PLEASE CONTACT ALEXANDRA GURARY (692-1794 OR gurary@hawaii.edu)



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