



# Advanced multicolor immunophenotyping & Essential tools for microbiology

eBioscience & Molecular Probes

## Agenda:

### Part 1: Advanced multicolor immunophenotyping:

As immunology research continues to require flow cytometry panels of increased complexity, a variety of enabling technologies have become available to meet these advanced needs. This seminar will discuss fluorophore selection and panel design considerations for both conventional and spectral flow cytometry, including relevant viability dyes and biological and experimental controls.

### Part 2: Essential tools for microbiology:

A new generation of fluorescent reagents provide powerful insights into small particles such as microbes and exosomes. This seminar will introduce recent developments in functional assays for flow cytometry including viability, metabolism, proliferation, senescence, membrane potential, intracellular pH, and single cell RNA analysis.

## Round table & Discussion



**Chris Langsdorf**  
Staff Scientist, Research & Development  
Thermo Fisher Scientific - Biosciences Division  
Eugene, Oregon, USA

## PRESENTATION OF THE TECHNOLOGY

**Wednesday, October 16<sup>th</sup>, 2:30 pm - 3:30 pm**

**Location: Institut Pasteur, François Jacob, 28-01-01A**

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