



“Foster Lab projects: antigen presentation, metabolomics, and gender-affirming hormone therapy”

Date & Time: Wednesday, June 14 | 1:00PM - 2:00PM PT

Hybrid: Life Sciences Centre Room 1003 (LSC3) & Zoom

From the lab of: Dr. Leonard Foster, *Professor*

Department of Biochemistry and Molecular Biology, Centre for Blood Research

Presented by: Dr. Leonard Foster, Alessia Palumbo and Dr. Armando Alcazar

The Foster Lab as typically applied proteomics to understand host-pathogen interactions. In this presentation we will discuss some of those, including our efforts to identify universal antigens that have the potential to trigger immunity in all genetic backgrounds. But we will also discuss two new efforts in our group, including the development and capabilities of the new LSI Metabolomics facility. We will end with a foreshadowing of where some of our future work will be: a systems perspective on how gender-affirming hormone therapy affects recipients.