



“Duong Lab research at the cell surface: Application to liver disease, small binders and antigen detection.”

Date & Time: Wednesday, June 26 | 1:00PM - 2:00PM PT

Hybrid: LSC3 & Zoom

From the lab of: Dr. Franck Duong, Professor, Department of Biochemistry & Molecular Biology

Presented by: Dr. Frank Antony, Mohammed Al-Seragi, Rupinder Jandu and Yilun Chen

Researchers in our lab are engaged in developing the membrane mimicking peptidisc to gain insights into the structure and components of the cell membrane and explore practical uses. This presentation will focus on our proteomic initiative to uncover the mouse organ membrane proteome and investigate how it is modulated during liver dysfunction. We will also share findings from thermal proteome profiling studies on membrane proteins to elucidate novel ligand-receptor interactions. Lastly, we will introduce an innovative membrane protein design to enhance cell surface antigen detection in biotechnological applications.