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Department of Chemistry

Seminar

9:45 a.m. Tuesday, February 18, 2014 • 331 Smith Hall



Professor

Daniel Figeys

Department of Biochemistry, Microbiology & Immunology
University of Ottawa

The Brain Proteome: Technologies and Applications

Research interests: developing proteomics technology and their applications in systems biology. This research is providing a comprehensive view of interplay between the biomolecules involved in proteomics and system biology.

Website: <http://www.med.uottawa.ca/bmi/eng/figeys.html>

Abstract

My laboratory is interested in the development and application of proteomics to better understand biological processes. In the first part of my talk, I will be discussing some of our newest approaches for the enrichment of proteins. In particular, I will be discussing the use of amphipols for the processing of proteomic samples. As well, I will be discussing our new approach for the study of protein N-glycosylation that allows the identification of sites of attachment and composition of glycans on proteins. In the second part of my talk, I will be discussing the application of proteomics for the study of circadian cycle.

Host: Professor Edgar Arriaga
Refreshments will be served prior to the seminar.