

PROTEOMICS AND METABOLOMICS DIVISION



Proteomics and Metabolomics Division Presents

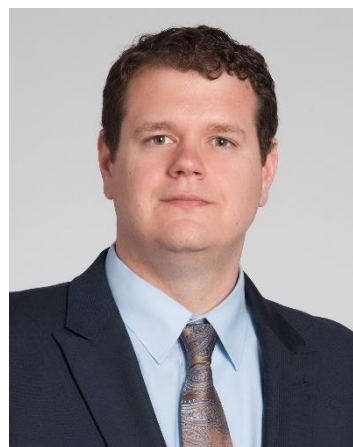
Spring Webinar: Monday May 8th, 2023, 1-2 pm (EST) (Virtual)

12:45-1:00 Log on, 1:00-2:00 Seminar talks and Q&A

Clinical Application of Proteomics and Lipidomics

Adam J. McShane, PhD, DABCC (CC, TC), FAACC

Medical Director, Automated Chemistry, Robert J. Tomsich
Pathology & Laboratory Medicine Institute



Personalizing Anti-TNF Monoclonal Antibody Biotherapy

Learning Objectives:

1. Recognize when therapeutic drug monitoring and anti-drug antibody testing may be beneficial for common anti-tumor necrosis factor (TNF) medications
2. Discuss techniques to measure therapeutic anti-TNF monoclonal antibodies and detect anti-drug antibodies

Arash Zarrine-Afsar, PhD

Assistant Professor, Department of Surgery & Department of
Medical Biophysics, University of Toronto

Senior Scientist, Princess Margaret Cancer Centre, University
Health Network

Affiliate Scientist, Keenan Research Centre for Biomedical
Science, Li Ka Shing Knowledge Institute, St. Michael's Hospital



Lipidomic Profiling With Ambient Mass Spectrometry For Rapid Determination Of Various Molecular Pathologies In Solid Tumors

Learning Objectives:

1. Recognize the potential of tissue metabolome in informing disease states
2. Gain familiarity with non-targeted mass spectrometry profiling of tissue metabolites and related techniques

A Zoom link will be provided upon registration. Registration information will be provided soon.