Bringing light to discovery

Mass Spectrometry Proteomics Seminar

Tuesday, August 5, 2025

Join us for an opportunity to engage with industry experts, learn about cutting-edge techniques, and explore recent proteomics trends.

Tuesday, August 5 | 8:30 AM – 1:05 PM

University of New Hampshire

Kingsbury Hall, Room S145

Free parking & lunch provided

Lab tours available after the program

Hosted by Thermo Fisher Scientific, UNH University Instrumentation Center and the University of New Hampshire Center of Integrated Biomedical and Bioengineering Research

To register, scan the code above or visit https://forms.office.com/r/mhEg5dFNsh

Agenda	
8:30 am – 9:00 am	***Registration, networking & breakfast***
9:00 am – 9:20 am	**Welcome and Introductions**
9:20 am – 9:50 am	***Determination of the structure and regulation of the photoreceptor phosphodiesterase (PDE6) using chemical cross-linking and mass spectrometry; implications for treating retinal degenerative diseases*** *Dr. Rick Cote, PhD, Director of CIBBR, University of New Hampshire*
9:50 am – 10:20 am	***Why Data Quality Matters: How High Resolution, Alternate Fragmentation and Intelligent Design improves Glycopeptide, Protein and Small Molecule MS Analysis*** *Dr. Amanda Lee, PhD, Product Manager, Thermo Fisher Scientific*
10:20 am – 10:35 am	***Break***
10:35 am – 11:05 am	***Core Facility Mass Spectrometers for Studying Electrospray Ionization Fundamentals and the Quantitative Analysis of Cyclic Peptides*** *Ian Ferraro, Dr. Anyin Li Lab, University of Hampshire*
11:05 am – 11:35 am	***Adapting EasyPep MS Sample Preparation and TMT Labeling Reagents for Higher Throughput Plaforms*** *Dr. Maowei Dou, PhD, Senior Product Specialist, Thermo Fisher Scientific*
11:35 am – 12:05 pm	***Lunch***
12:05 pm – 12:35 pm	***Elucidating PTM-Mediated Regulation Using Mass Spectrometry*** *Dr. Feixia Chu, PhD, Professor, University of New Hampshire*
12:35 pm – 1:05 pm	***TBD***