

Fall 2025 Mass Spectrometry Users' Meeting

Bringing light to discovery

Wednesday, October 8, 2025

Join us to connect with fellow enthusiasts and leading experts in proteomics, structural biology, metabolomics, and biopharma applications.

8:30 AM – 3:00 PM

500 Totten Pond Road | Waltham, MA

Free parking & lunch provided | Hosted by Thermo Fisher Scientific

Agenda

08:30 AM – 09:00 AM	Registration, networking & light refreshments	
09:00 AM – 09:15 AM	Welcome & introduction	
09:15 AM – 09:45 AM	Bringing light to discovery: How Thermo Fisher Scientific innovation fuels your research <i>Amanda Lee, Ph.D., Product Marketing Manager, Thermo Fisher Scientific</i>	
09:45 AM – 10:20 AM	Proteomics innovations in fungal disease management: From discovery to translation <i>Jennifer Geddes-McAlister, Ph.D.</i> <i>Associate Professor, Canada Research Chair, University of Guelph</i>	
10:35 AM – 11:10 AM	Break	
11:10 AM – 11:45 AM	Biopharmaceutical characterization on the Orbitrap Excedion Pro mass spectrometer <i>Elsa Gorre, Sr. Principal Scientist, Johnson & Johnson</i>	
11:05 AM – 11:45 AM	Low-input polar metabolome profiling & ¹³C tracing with nano LC coupled to wide-isolation window PRM acquisition <i>Ryan Sheldon, Ph.D., Director, Mass Spectrometry Core, Van Andel Institute</i>	
11:45 AM – 12:45 PM	Lunch	
12:45 PM – 1:00 PM	Move to breakouts	
	Omics	Biopharma
1:00 PM – 1:40 PM	Increasing proteomics throughput with plexDIA using novel nonisobaric mass tags on the Orbitrap Astral mass spectrometer <i>Sarah Sipe, Ph.D., Head of Mass Spectrometry, Parallel Squared Technology Institute.</i>	siRNA on the Orbitrap Astral Mass Spectrometer: Sensitivity limits and stability in homogenates & lysosomes <i>Ryan Shirey, Ph.D., Bioanalytical Scientist, Avidity Biosciences</i>
1:40 PM – 2:20 PM	Uncovering metabolic vulnerabilities in mammalian disease <i>Jessica Spinelli, Ph.D., Assistant Professor, Program in Molecular Medicine, UMass Chan Medical School</i>	Characterizing RNA by liquid chromatography mass spectrometry <i>Robert L Ross, Ph.D., Sr. Product Application Specialist, Thermo Fisher Scientific</i>
2:20 PM – 2:30 PM	Break	
2:30 PM – 3:00 PM	High throughput chemoproteomics assay on a Stellar mass spectrometer <i>Brett Larsen, Sr. Marketing Specialist, Proteomics, Thermo Fisher Scientific</i>	Development of ultrasensitive assay for LRRK2 in human cerebrospinal fluid on a Vanquish Neo UHPLC system coupled to a Stellar mass spectrometer <i>Presenter TBA</i>
3:00 PM –	Closing, raffles & networking	



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