

Fall 2025 Mass Spectrometry Users' Meeting

Bringing light to discovery

Thursday, October 30, 2025

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

9:30 AM – 3:15 PM CDT

Rice University, Bioscience Research Collaborative (BRC) | Auditorium

6500 Main St, Houston, TX 77030

Free parking, breakfast & lunch provided

Hosted by Thermo Fisher Scientific

and Rice University SEA

Agenda (AM)

08:30 AM – 09:30 AM	Registration, networking & light refreshments
09:30 AM – 09:45 AM	Welcome & Introduction Thermo Fisher Scientific Texas Team
09:45 AM – 10:10 AM	Bringing light to discovery: How Thermo Fisher Scientific innovations fuel your research Daniel Hermanson, Ph.D. Sr. Marketing Manager, Thermo Fisher Scientific
10:10 AM – 10:40 AM	Powering NextGen therapeutics with high-throughput proteomics: From molecular glues to covalent drug discovery Jin Wang, Ph.D. Director, Center for NextGen Therapeutics, Michael E. DeBakey, M.D., Endowed Professor in Pharmacology, Verna and Marrs McLean Department of Biochemistry and Molecular Pharmacology, Baylor College of Medicine
10:40 AM – 10:55 AM	Break
10:55 AM – 11:25 AM	Advancing covalent ligand and drug discovery beyond cysteine Ku-Lung (Ken) Hsu, Ph.D. Associate Professor, CPRIT Scholar, Department of Chemistry, University of Texas at Austin
11:25 AM – 11:50 AM	Unlocking the immunopeptidome: High-sensitivity antigen characterization with Orbitrap Astral Zoom mass spectrometer Fernanda Salvato, Ph.D. OMICS Applications Scientist, Thermo Fisher Scientific
11:50 AM – 12:30 PM	Lunch

See reverse side for agenda continued (PM)



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Agenda (PM)

11:50 AM – 12:30 PM	Lunch
12:30 PM – 1:00 PM	Medical mass spectrometry: Challenges and opportunities in driving patient care Livia Schiavinato Eberlin, Ph.D. Professor & Vice-Chair for Research, Department of Surgery, Baylor College of Medicine
1:00 PM – 1:30 PM	Uncovering the local lipidome surrounding membrane proteins Michael Marty, Ph.D. Associate Professor, Department of Chemistry, University of Texas at Austin
1:30 PM – 2:00 PM	Drug metabolism, toxicity, and spatial tissue distribution Feng Li, Ph.D. Associate Professor, Baylor College of Medicine
2:00 PM – 2:15 PM	Break
2:15 PM – 2:40 PM	Innovations in the SQUAD workflow: advancing quantification and enhancing confidence in unknown annotation Rahul Deshpande, Ph.D. Vertical Marketing Manager, Thermo Fisher Scientific
2:40 PM – 3:05 PM	Multiplexed proteome quantification using tandem mass tag labeling: applications and innovations Kevin Yang, Ph.D. Product Specialist, Thermo Fisher Scientific
3:05 PM – 3:20 PM	Closing Remarks, Q&A, Raffle



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