

Fall 2025 Mass Spectrometry Users' Meeting

Bringing light to discovery

Wednesday, October 15, 2025

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

NYU (Langone Science Building)

435 E 30th Street

New York, NY 10016

Free parking & lunch provided | Hosted by Thermo Fisher Scientific and NYU

Agenda

09:00 AM – 09:30 AM	Registration, networking & light refreshments
09:30 AM – 09:45 AM	Welcome
09:45 AM – 10:00 AM	Bringing light to discovery: How Thermo Fisher Scientific innovation fuels your research <i>Jie Qian, Technical Sales Specialist, Life Science Mass Spectrometry, Thermo Fisher Scientific</i>
10:00 AM – 10:35 AM	From plasma proteomics to immunopectidomics: First impressions of the Astral Zoom mass spectrometer <i>Beatrix M. Ueberheide, Associate Professor, Department of Biochemistry and Molecular Pharmacology at NYU Grossman School of Medicine; Associate Professor, Department of Neurology; Director, Proteomics Resource Center; New York University Grossman School of Medicine</i>
10:35 AM – 11:10 AM	LC-MS metabolomics reveals the role of SLC45A4 in GABA de novo synthesis <i>Xiaoyang Su, Associate Professor, Department of Medicine, Division of Endocrinology; Co-Director of the Metabolomics Shared Resource of CINJ; Robert Wood Johnson Medical School; Rutgers, The State University of New Jersey</i>
11:10 AM – 11:45 AM	In-depth mapping of proteins and phosphosites across whole tissues by micro-scaffold assisted spatial proteomics (MASP) and its application to Alzheimer's disease <i>Jun Qu, Professor, Department of Pharmaceutical sciences School of Pharmacy, Pharmaceutical Sciences, University at Buffalo, The State University of New York</i>
11:50 AM – 12:40 PM	Lunch & networking
12:40 PM – 1:15 PM	Can data-independent acquisition (DIA) unlock new depths in proteomics with Orbitrap Astral mass spectrometer? <i>Robert Salzler, Sr. Principal Scientist, Therapeutic Proteins; Bioanalytical & Biomarker Technologies; Regeneron Pharmaceuticals, Inc.</i>
1:15 PM – 01:50 PM	Innovation for impact: The future of translational research and enhanced quantitation with a novel ion trap mass spectrometer <i>Kerry Hassell, Applications Manager, Clinical Research & Toxicology, Thermo Fisher Scientific, Chromatography & Mass Spectrometry Division</i>



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