



Greetings Rockville/Bethesda mass spectrometry community!

This year, we're bringing together researchers from leading academic institutions, biotechnology companies, and Thermo Fisher Scientific for a day of scientific discussion, practical insights, and networking with the local mass spectrometry community. Join us on October 8 for this exclusive scientific event.

- **Learn** from scientists sharing breakthrough research, practical applications, and emerging workflows.
- **Explore** the latest mass spectrometry technologies and solutions through focused sessions.
- **Connect** with peers, thought leaders, and experts to exchange ideas and build relationships.

Featured presenters include:



Kallol Gupta, PhD
Yale University School of Medicine



Tom Conrads, PhD
Inova Schar Cancer Institute



Erik Allman, PhD
AstraZeneca



Ling Hao, PhD
University of Maryland



Kyle Anderson, PhD
NIST

Learn more at thermofisher.com/msum



Fall 2026 Mass Spectrometry Users' Meeting

Join us for a gathering of innovators and specialists driving progress in proteomics, structural biology, metabolomics, and biopharma applications.

Thursday, Oct. 8, 2026

8:00 AM–3:25 PM

Institute for Bioscience and
Biotechnology Research

9600 Gudelsky Drive

Rockville, MD 20850



Scan to register

Agenda

8:00 AM–9:00 AM **Registration, networking, and light refreshments**

9:00 AM–9:10 AM **Welcome and introductions**

9:10 AM–9:25 AM **Thermo Fisher innovation plenary: Recent innovations launched at ASMS**

9:25 AM–9:55 AM **Determining the nanoscale sub-organellar perilipidome**
Kallol Gupta, PhD, Assistant Professor of Nanobiology, Yale University School of Medicine

9:55 AM–10:25 AM **Clinical proteomics – advancing precision oncology**
Tom Conrads, PhD, Associate Director of Translational Research, Inova Schar Cancer Institute

10:25 AM–10:45 AM **Break and refreshments**

10:45 AM–11:15 AM **Quantitation of intact ADC and analysis of ADC subunits from K3EDTA rat plasma using hybrid LC/HRAM MS**
Gus Hui, PhD, Principal Scientist, PPD

11:15 AM–11:45 AM **Measuring ferroptosis: Boosting sensitivity for oxidized phosphatidylethanolamines**
Erik Allman, PhD, Associate Director - BioPharmaceuticals Metabolomics and Proteomics, Dynamic Omics, AstraZeneca

11:45 AM–12:30 PM **Lunch**

Agenda continued on next page

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Fall 2026 Mass Spectrometry Users' Meeting

Agenda

12:30 PM–1:00 PM	The future of metabolomics: Thermo Scientific™ Orbitrap™ Excedion™ Hybrid Mass Spectrometer with enhanced dynamic range <i>Susan Bird, PhD, Senior Manager, Metabolomics & Lipidomics Workflow Applications, Thermo Fisher Scientific</i>
1:00 PM–1:30 PM	Advancing MS-omics methods to capture organelle dynamics in human neurons <i>Ling Hao, PhD, Associate Professor, Department of Chemistry & Biochemistry, University of Maryland</i>
1:30 PM–1:50 PM	Break and refreshments
1:50 PM–2:20 PM	Impact of HDX-MS quench conditions on deuterium back-exchange and sample carryover and a method for rapid removal of sample carryover <i>Kyle Anderson, PhD, Project Leader, National Institute of Standards and Technology</i>
2:20 PM–2:50 PM	Advanced dissociation modalities for sequence determination of peptides, proteins and oligonucleotide therapeutics <i>John Syka, PhD, Independent Consultant, Thermo Fisher Scientific</i>
2:50 PM–3:10 PM	From instrument performance to scientific impact: Enabling success across the lab <i>Tim Wygant, Senior Regional Service Manager, Thermo Fisher Scientific</i>
3:10 PM–3:25 PM	Final reflections and raffle

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