

Fall 2025 Mass Spectrometry Users' Meeting

Bringing light to discovery

Tuesday, October 14, 2025

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

9:30 AM – 1:00 PM

USC John Stauffer Pharmaceutical Sciences Center

Breakfast & lunch provided

Room 104

Agenda

09:00 AM – 09:30 AM	Registration, networking & light refreshments
09:30 AM – 09:35 AM	Welcome & introductions
09:35 AM – 09:55 AM	Bringing light to discovery: How Thermo Fisher Scientific innovation fuels your research <i>Tonya Pekar Hart, M.S., Proteomics Market Manager, Thermo Fisher Scientific</i>
09:55 AM – 10:30 AM	Highlights from the USC Multi-omics Mass Spectrometry Core <i>Whitaker Cohn, Ph.D. and collaborators, Associate Director of Multi-Omics Mass Spectrometry Core Facility, USC Pharmacy</i>
10:30 AM – 10:55 AM	Inter-organ metabolic crosstalk revealed by arteriovenous metabolomics <i>Cholsoo Jang, Ph.D., Assistant Professor, Biological Chemistry, Director of High-End Metabolomics Core, UC Irvine</i>
10:55 AM – 11:10 AM	Break
11:10 AM – 11:35 AM	Using the Orbitrap™ Astral™ mass spectrometer for high-throughput biomarker discovery and translational proteomics <i>Annie Moradian, Ph.D., Lead Biomedical Scientist, Cedars-Sinai van Eyk Laboratory</i>
11:35 AM – 11:50 AM	Decoding resistance: Proteomic and metabolic insights into p97/VCP ATPase inhibitors in colorectal cancer <i>Ting-Yu Wang, Ph.D., Staff Scientist, Proteome Exploration Laboratory, Chou Lab, Caltech</i>
11:50 AM – 12:00 PM	Final Q&A and raffle
12:00 PM – 01:00 PM	Lunch



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