

# Fall 2025 Mass Spectrometry Users' Meeting

## Bringing light to discovery

Wednesday, October 1, 2025

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

9:00 am – 3:05 pm

Free parking | Breakfast & lunch provided

Thermo Fisher Scientific – Training Room

180 Oyster Point Blvd. | South San Francisco, CA 94080

### Agenda

8:00 am – 9:00 am	<b>Registration, networking &amp; light refreshments</b>
9:00 am – 9:15 am	<b>Welcome &amp; introductions</b> <i>Pushkin Pant, VP/GM, Life Sciences and Mass Spectrometry, Thermo Fisher Scientific</i>
9:15 am – 9:45 am	<b>Bringing light to discovery: How Thermo Fisher Scientific innovation fuels your research</b> <i>Aaron Robitaille, Ph.D., Director, Life Sciences and Mass Spectrometry Marketing, Thermo Fisher Scientific</i>
9:45 am – 10:20 am	<b>Multiplexed quantitation of antibodies and biomarkers using parallel reaction monitoring (PRM) coupled with FAIMS and DuoESI source</b> <i>Rachel Shi, Ph.D., Principal Scientist, Genentech</i>
10:20 am – 10:35 am	<b>Break</b>
10:35 am – 11:10 am	<b>Unlocking the potential of untargeted plasma proteomics for lung cancer: from in-depth biomarker discovery to classifier translation</b> <i>Jimmy Yi Zeng, M.Sc., Associate Director of Mass Spec, PrognomiQ</i>
11:15 am – 11:45 am	<b>Innovations in the SQUAD workflow: advancing quantification and enhancing confidence in unknown annotation</b> <i>Bashar Amer, Ph.D., Metabolomics Marketing Manager, Thermo Fisher Scientific</i>
11:45 am – 12:30 pm	<b>Lunch</b>
12:30 pm – 1:00 pm	<b>Uncovering an orphan protein that controls cysteine catabolism using multiomics and machine learning</b> <i>Haopeng Xiao, Ph.D., Assistant Professor of Biochemistry, Stanford</i>
1:00 pm – 1:30 pm	<b>Subcellular lipidome &amp; proteome profiling: one-pot lipidomic/proteomic organelle immuno-precipitation</b> <i>Brian DeFelice, Ph.D., Staff Scientist, CZ Biohub</i>
1:30 pm – 1:50 pm	<b>Advances in spatial biology insights using unbiased mass spec deep proteome profiling</b> <i>Ellen Casavant, Ph.D., Market Development – Proteomics, Thermo Fisher Scientific</i>
1:50 pm – 2:00 pm	<b>Break</b>
2:00 pm – 2:30 pm	<b>Comprehensive characterization of complex reagent proteins using orthogonal analytical strategies</b> <i>Tian Tian, Ph.D., Principal Scientist, Amgen</i>
2:30 pm – 2:50 pm	<b>Advanced intact protein mass spectrometry with Orbitrap platforms</b> <i>Jia Tang, Ph.D., Staff Scientist, Research &amp; Development, Thermo Fisher Scientific</i>
2:50 pm – 3:05 pm	<b>Final Q&amp;A and raffle</b>



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