

[MS Symposium]

YOU ARE INVITED

Columbia and Waters Mass Spectrometry Symposium

Wednesday, November 4th, 2026
9:00 AM – 2:30 PM EST

Columbia University
Low Memorial Library
535 West 116th Street
New York, NY 10027



The Columbia University Mass Spectrometry and MS Imaging Core Facility and Office of Research Initiatives and Development in collaboration with Waters Corporation are pleased to announce the 2026 Mass Spectrometry Symposium at Columbia University. The 2026 Mass Spectrometry Symposium will highlight the latest research and advancements in mass spectrometry from Columbia and Waters and bring together the greater mass spectrometry community in New York City.

This free event will include talks from Columbia faculty and Waters' scientific experts exploring the latest advances in mass spectrometry-based omics, MS imaging workflows, and the characterization of new and emerging modalities. We are excited to announce Noah Miller-Medzon from Lexeo Therapeutics as the keynote speaker kicking off the symposium. At the conclusion of the symposium there will be a networking reception as well as a poster session to highlight the research conducted at Columbia University and other prominent institutions in the area. Lunch will be provided.

Registration for this symposium is required. To register please go to [Columbia and Waters Mass Spectrometry Symposium](#).

If you are interested in participating in the poster session, please also fill out the form here: [2026 Columbia Mass Spectrometry Symposium Poster Interest Form](#).

Questions? Please email Aurelie Marcotte at aurelie_marcotte@waters.com.

Parking: We are unable to provide dedicated parking for this event. More information can be found at <https://visit.columbia.edu/content/parking>.

Waters™

 MASS SPECTROMETRY AND
MS IMAGING CORE FACILITY

 COLUMBIA UNIVERSITY
Department of Chemistry

2026 Columbia and Waters Mass Spectrometry Symposium Agenda

Wednesday, November 4, 2026

- 9:00 AM **Registration**
- 9:30 AM **Welcome from Columbia University Mass Spectrometry and MS Imaging Core Facility**
Fereshteh Zandkarimi, Ph.D., Manager of the Mass Spectrometry Core Facility, Department of Chemistry, Columbia University
- 9:40 AM **Welcome and Introduction from Waters Corporation**
Aurelie Marcotte, Ph.D., Principal HRMS Business Development Specialist, Waters Corporation
- 9:50 AM **Charge Detection Mass Spectrometry for AAV Gene Therapy Development: A New Perspective**
Noah Miller-Medzon, Scientist II, Process Development, Lexeo Therapeutics
- 10:30 AM **Substrate-Derived Peptides for Selective Covalent Inhibition of Protein Tyrosine Kinases**
Neel Shah, Ph.D., Associate Professor, Department of Chemistry, Columbia University
- 11:00 AM **Break**
- 11:15 AM **Pushing the boundaries of DESI: from high resolution imaging to high throughput screening**
Julia Balog, Ph.D., Research Distinguished Scientist, Group Lead, Waters Corporation
- 11:45 AM **Intrinsic and extrinsic pathways regulate prostate epithelial ferroptosis in response to androgen deprivation**
Weiping Li, Ph.D., Associate Research Scientist, Department of Genetics and Development, Columbia University Irving Medical Center
- 12:15 PM **Speaker Q&A and Poster Set-Up**
- 12:30 PM **Lunch with Poster Session and Networking**
- 2:30 PM **Event Concludes**