

Bound Together: Mass Spectrometry and Cryo-EM

January 16, 2024 | 09:30 am – 3:40 pm EST

In this seminar, you'll learn:

- The basics of mass spectrometry and cryo-EM techniques
- How the integration of mass spectrometry and cryo-EM can support your research

Scan the code to register:



Location:

115 Biomedical Research Tower
460 W. 12th Avenue
Columbus, OH 43210

9:30 am to 10:00 am: Registration and light breakfast
(provided by Thermo Fisher)

10:00 am to 10:45 am: Natalia de Val, Ph.D., Thermo Fisher Scientific, "Introduction to Cryo-EM and its Integration with Mass Spectrometry, Application Results"

10:45 am to 11:30 am: Weijing Liu, Ph.D., Thermo Fisher Scientific, "Introduction to Mass Spectrometry and its Integration with Cryo-EM, Application Results"

11:30 am to 12:15 pm: Brandon Ruotolo, Ph.D., University of Michigan, "High-throughput Collision Induced Unfolding as a Screening Technology for High-Resolution Structural Biology"

12:15 pm to 1:15 pm: Lunch (provided by Thermo Fisher)

1:15 pm to 2:00 pm: Chuck Bell, Ph.D., The Ohio State University, "Structure and Assembly of a Novel DNA Repair Complex by Cryo-EM and Native Mass Spectrometry"

2:00 to 2:45 pm: Vicki Wysocki, Ph.D., The Ohio State University, "Native MS of Adeno Associated Viruses and Glycoproteins"

2:45 pm to 3:30 pm: Michael Cianfrocco, Ph.D., University of Michigan, "Artificial intelligence algorithms to automate cryo-EM data collection"

3:30 pm-3:40 pm: Closing remarks

Learn more at thermofisher.com/krios
or contact Natalia de Val at natalia.deval@thermofisher.com

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