



Sinai Health

Lunenfeld-Tanenbaum Research Institute

NBCC Proteomics and Sinai Health
are proudly announcing:
A Symposium to celebrate
The first-in-Canada Orbitrap Astral
mass spectrometer



Scan to register

Empowering proteomics with increased sensitivity and speed

Wednesday, January 31, 2024 | 1:00PM-5:00 PM

Mount Sinai Hospital, 600 University Avenue, 18th Floor Auditorium

- 1:00 PM** Opening Remarks – **Anne Claude Gingras**, Co-Director, NBCC, Director, Lunenfeld-Tanenbaum Research Institute, VP, Sinai Health

- 1:15 PM** High-resolution electrostatic mass spectrometry: a journey to Orbitrap Astral
Dmitry Grinfeld, Thermo Fisher Scientific

- 1:50 PM** Optimized system biology workflows on the Orbitrap Astral MS
Bernard Delanghe, Thermo Fisher Scientific

- 2:15 PM** Relentless Pursuit of Selective, Precise, and Accurate Quantitative Proteomics
Michael MacCoss, Professor, University of Washington

- 3:00 PM** BREAK

- 3:15 PM** NBCC Proteomics Spotlight
Cassandra Wong, Proteomics Operation Manager, NBCC

- 3:30 PM** Capturing time and space dynamics within the EGF Receptor signalosome
Claire Martin, Postdoctoral Fellow, Gingras Lab, LTRI

- 3:45 PM** Hijacking the CTLH complex for targeted protein degradation
Chetan Chana, Graduate Student, Sicheri Lab, LTRI

- 4:00 PM** TBD -
Jesper Olsen, Professor, University of Copenhagen

- 4:45 PM** General discussion and conclusion

Rethink what's possible in this new era of proteomics:

- ◇ **Deeper coverage**
→ Near whole-proteome coverage
- ◇ **Higher sensitivity & dynamic range**
→ Detect low abundance proteins in complex mixtures
- ◇ **Accurate & precise quantitation**
- ◇ **Faster throughput**