Network Biology Collaborative Centre
Fundamentals and Applications Workshop

Tuesday, November 22nd, 2016
60 Murray Street, L3-201, Mount Sinai Hospital

Workshop #1: High-Throughput Screening & Imaging

Fundamentals:	
9:00 am	*Towards challenges and rewards of high-throughput screening: current and future amenities*, Alessandro Datti, High-throughput screening manager
9:30 am	*Microscopy-based screening: from high content to high resolution and beyond,* Mikhail Bashkurov and Monica Hasegan, High-content screening & high-resolution imaging managers
Applications:	
10:00 am	*May the Light be with you: using LUMIER to unveil novel signaling pathways from protein interaction networks*, Miriam Barrios-Rodilles, Wrana lab
10:25 am	*Morning Break*
10:45 am	*Going beyond the diffraction limit of light; Using super resolution microscopy to study centrosomes*, Bahareh Adhami, Pelletier Lab
11:10 am	*Identifying activators of the neuroprotective E3 ligase Parkin*, Natalia Moskal, McQuibban lab
11:35 am	*The beauty of High-throughput screening in drug discovery: Hippo pathway*, Dohee Lee, Wrana Lab

12:15 pm **Complimentary Lunch**

Workshop #2: Proteomics

Fundamentals:	
1:00 pm	*Success in proteomics: an overview of LC-MS*, Brett Larsen, Proteomics manager
1:30 pm	*Finding the diamonds in the rough: from raw data to compelling and high-confidence hits,* James Knight, Software engineer
Applications:	
2:00 pm	*Expanded proteomic toolbox*, Payman Samavarchi-Tehrani, Gingras lab
2:25 pm	*Afternoon Break*
2:40 pm	*Mapping endosomes with BioID* , Geoffrey Hesketh, Gingras lab
3:05 pm	*Using data-independent acquisition mass spectrometry in interactome mapping experiments* , Jean-Phillipe Lambert, Gingras lab
3:30 pm	*Using Kinobead Technology to Assess Kinome Reprogramming in Ovarian Cancer Cell Lines in Response to Cisplatin Treatment*, Kevin Brown, Rottapel lab

4:00 pm **Our Facilities in Action – join a tour!**

Space is limited at each workshop - visit nbcc.lunenfeld.ca to register