

Technology-Enhanced Pharmaceutical Discovery/CRBI Confernece Tuesday July 11th Room X106

Time	Speaker/Event	Lab Group	Comments
8:30	Registration begins		
9:00	Dr. Sergey Krylov		Words from our CRBI/TEPD director
9:15	Boris Gorin, Senior Scientific Advisor, Eurofins		The jorney of small molecule drugs from discovery labs to manufacturing facilities in pharmaceutical industry
10:00	Leo Chou, Senior Scientific Advisor, University of Toronto		Developing nanoparticles for drug delivery applications
10:45	MORNING BREAK		Executive Dining room
11:00	Jennilee Gavina, Research Scientist, Gilead		testing requirements
12:00	LUNCH 12:00 to 13:00		Executive Dining room
13:10	Ingrid Wilt, Investigator, GSK		Introduction to DELs
13:50	Connor Loupelle	Bayfield	study Respiratory Syncytial Virus RSV infection pathway
14:05	Kabisan Thavaseelan	Johnson	electrostatic contribution for affinity of cocaine- & dopamine-binding aptamer to its target
14:20	Networking /Break		Executive Dining room
15:30	Centre for Human Rights, Equity and Inclusion , York University		Equity, Diversity and inclusion workshop 3.30p.m to 5:00p.m.
17:00	End of Day		

Technology-Enhanced Pharmaceutical Discovery/CRBI Confernece Wednesday July 12th Room X106

Time	Speaker/Event	Lab Group	Comments
9:15	Registration begins		
9:30	Presentation set-up		1st group of presenters set up their presentation slides
9:45	Ben Stordy	Chan	deliver diagnostic/therapeutic nanoparticles to target ligands/cells
10:00	Yumin Qiu	Peng	identify novel inhibitors and their tumor-suppressive effect in epithelial ovarian cancer
10:15	Sydney Steiman	McDermott	Myocyte Enhancer Factor 2 MEF2 interactome
10:30	Vimanda Chow	Wilson	study CytC role in cell-induced apoptosis
10:45	MORNING BREAK		Executive Dining Room, next group of presenters set up presentation slides
11:00	Maryam Jabbarpoor	Le	synthesize medically important amide molecules
11:15	Yunus	Johnson	study 3D structure of dopamine-binding aptamer
11:30	Emily Hoi Pui Chao	Johnson	study binding site of dopamine-binding aptamer
11:45	Meghan Osborne	Johnson	investigate thermostability of cocaine-binding aptamer
12:00	LUNCH 12:00 to 13:00		Executive Dining Room
13:15	Natalie Khamissi	Hili	optimize LOOPER process (i.e. T3 ligase) for selection
13:30	Matina Movahedi	Hili	CE-SELEX using LOOPER library
13:45	Ian Frankel	Hili	in-sillico screening of diverse libraries (maybe DEL?) for m6A reading protein (YTHDF1), a key protein epitranscriptomic protein

14:00	Emily Anacleto	Hili	mRNA display selection
14:15	AFTERNOON BREAK		Executive Dining Room, next group of presenters set up presentation slides
14:30	An Le	Krylov	highly efficient invitro selection of DEL using CE
14:45	Nikita Ivanov	Krylov	eLFIA diagnostic tool & FFE for continuous bioorganic separation
15:00	Eden Teclemichael	Krylov	eLFIA diagnostic tool for COVID
15:15	Jean Luc Rukundo	Krylov	ACTIS-MS
15:30	Tong Ye Wang	Krylov	Kd accuracy
15:45	Nikita Ivanov	Krylov	eLFIA chip demonstration and survey
16:00	CLOSING REMARKS		Krylov