

CAN-BIND OBI WORKSHOP

FEBRUARY 1, 2019

TORONTO WESTERN HOSPITAL, BMO CONFERENCE CENTRE

60 LEONARD AVE, TORONTO, ON M5T 2R1

TIME	TOPIC	CHAIR
8:00-8:30	Networking Breakfast	
8:30-9:30	Introductory Remarks <ul style="list-style-type: none"> Ontario Brain Institute Canadian Biomarker Integration Network in Depression 	Tom Mikkelsen Sidney Kennedy
9:30-10:30	Syposium 1 : Childhood Maltreatment as a Vulnerability Factor in Depression <ul style="list-style-type: none"> Trisha Chakrabarty (University of BC) The relationship between childhood maltreatment and adult cognitive functioning Kate Harkness (Queen's University) Effects of childhood maltreatment on inflammatory proteins, glucocorticoid receptor systems, and hippocampal volume Stefanie Hassel (University of Calgary) Exploratory analyses of intrinsic connectivity networks in MDD in relation to childhood maltreatment 	Raymond W. Lam
10:30-10:45	Break	
10:45-12:00	Symposium 2: Prediction of Antidepressant Treatment Outcomes: Results of CAN-BIND 1 Integrative Analyses <ul style="list-style-type: none"> Keith Ho (St. Michael's Hospital) Data integration lessons for CAN-BIND validation study Pradeep Raamana (Baycrest) Comparison of machine learning methods in predicting antidepressant treatment response Mehri Sajjadian (Dalhousie University) Contribution of clinical, neuroimaging and molecular data to the prediction of escitalopram treatment outcome in major depressive disorder Shraddha Pai (University of Toronto) CAN-BIND-1 Tier 1: Data Exploration and Patient Similarity Networks for Response Prediction Faranak Farzan (Simon Fraser University) Industry perspective and commercialization potential in integrative analyses 	Rudolf Uher
12:00-1:30	Lunch & Posters	
1:30-2:30	Keynote Speaker – Roy Perlis, MD, MSc (Massachusetts General Hospital) <ul style="list-style-type: none"> Progress toward biomarkers for diagnosis and treatment response 	Claudio Soares
2:30-3:30	Symposium 3: The Brain's Response to Treatment – Evidence from Structural and Diffusion Tensor Imaging Data <ul style="list-style-type: none"> Nikita Nogovitsyn (University of Calgary) Hippocampal volumes and clinical features of depression JeeSu Suh (McMaster University) Prediction of differential antidepressant response using whole-brain cortical thickness Andrew Davis (McMaster University) Diffusion tensor imaging reveals white matter biomarkers of treatment response 	Stefanie Hassel
3:30-3:45	Break	
3:45-4:00	Knowledge Translation, Outreach and the Community Advisory Committee	Sagar Parikh Andrew Kcomt
4:00-5:30	Plans for 2019-2020 <ul style="list-style-type: none"> ECT/Ketamine Study (10 minutes) Validation Study (10 minutes) Mobile Health (10 minutes) Integration across CAN-BIND Projects (30 minutes) CAN-BIND Team Vision and Commentary - Open Forum (30 minutes) Wrap Up and Discussion 	Pierre Blier Sidney Kennedy Claudio Soares All investigators