



**McGill University Research Centre on Complex Traits  
MRCCT**



**Dr. Ryan Brinkman, PhD**

**Distinguished Scientist, BC Cancer**  
Professor, Department of Medical Genetics, UBC  
CEO, Cytapex Bioinformatics Inc.

**Title : “DATA-DRIVEN CYTOMETRY”**

**Thursday, February 7, 2019**

**Karp Amphitheater | Room 501, 12:00 PM**

*Bellini Bldg - Goodman Cancer Research Centre*

“Manual analysis of flow cytometry data is subjective and time consuming. Automated algorithms have reached a level of maturity that enables them to match and, in many cases, exceed the results produced by human experts. The current state-of-the-art will be reviewed through example applications of these algorithms in automating the entire data analysis pipeline. Examples will include automated quality checking at the event and sample level, rapid, robust and reproducible gating and biomarker discovery algorithms. The utility of these algorithms will be shown through their application on patient data for basic research, clinical trials and drug discovery”.

**LOCATION: Karp Amphitheater - Room #501, 12:00 PM**

**HOSTED BY** the MRCCT