



Clinical Translation Education Group

### **Current Trends in Biotherapeutics Workshop**

The Clinical Translation Education Group composed of BioCanRx, CCRM, CellCAN, Ontario Institute for Cancer Research (OICR), Ontario Institute for Regenerative Medicine (OIRM) and Stem Cell Network, will be hosting a one-day workshop on current trends and innovations in cell and gene therapy with an emphasis on disruptive technologies. It will be aimed at trainees and other professionals in the biotherapeutic space and will introduce new tools and strategies that are shaping where the biotherapeutic field is headed. Importantly, the Workshop will provide an opportunity to network and learn about careers in these areas.

### **Workshop Overview**

Biotherapeutics have quickly become an increasingly important technology for treating a diverse array of diseases. In recent years the field has made significant progress, and it continues to do so with sophisticated techniques and therapies. Collectively, these trends amplify the increasing demand for improving existing analytical methodologies as well as developing new tools to characterize these complex biological products in greater detail.

Recent developments in biotherapeutic tools and techniques are driving better health outcomes and the commercialization of promising technologies and therapies. This workshop will cover innovative ways of using data to inform decision-making, and solutions for delivering complex cell and gene therapies. These tools and capabilities are being developed in the context of a rapidly changing industry, which may have an impact on the rate and direction of progress. Final products are subject to a commercialization and reimbursement framework that is being challenged by the pace, scale and novelty of this new era of biotechnology. The latter half of this workshop will cover the mechanisms for investment to support commercialization of promising products.

### **Objectives**

- learn about major trends of data use to inform preclinical discovery, manufacturing innovations and clinical outcomes
- learn about trends impacting how cell and gene therapies are commercialized
- learn about trends in technological solutions for delivering complex therapies to patients and improving access to care
- learn about potential career paths and opportunities in these various fields



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**Agenda**

- 8:30 AM Registration**
- 8:30 AM Breakfast is served**
- 9:00 AM Opening Remarks**  
Craig Hasilo
- 9:15 AM How Technology Is Changing Pre-Clinical Research**  
Manoj Lalu  
Shana Kelley  
Sarah Wassmer
- 10:30 AM Networking Break**
- 10:45 AM Trends in Manufacturing**  
Julie Audet  
Aaron Dulgar-Tulloch
- 11:25 AM Lunch Buffet**
- 12:00 PM Keynote: Dr. Andrew Pelling**
- 1:00 PM Future Trends in Translational Medicine**  
Alexandre Le Bouthillier  
Donna Wall
- 1:50 PM Networking Break**
- 2:10 PM If You Build It, Will They Fund It? (Panel)**  
Michael Israels  
David O'Neill  
Eli Berenbeim  
Alexandre Le Bouthillier  
*Moderator: Ella Korets-Smith*