



## A Practical Introduction to Bioinformatics and Artificial Intelligence: A Virtual Clinical Education Session

The Cancer Genomics and Tumor Immunotherapy Symposium will host a virtual Education Session with a focus on Bioinformatics and Artificial Intelligence. The purpose of the education session is to provide clinicians with a basic understanding of the fundamentals of these topics, as well as associated practical and laboratory aspects.

### Who is this for?

This session is designed for Residents, Fellows, Postdoctoral Researchers, and Physicians with an interest in immunology and developing translational immunotherapy research projects.

### What are the topics?

- Bioinformatics platforms and their applications for cancer research.
- The role of bioinformatics for identifying predictive (or resistance) biomarkers.
- Role of in-silico analyses in identifying promising anti-cancer therapies.
- Artificial intelligence technology and application for cancer research.
- Overview of machine learning in relation cancer research.

### Confirmed Speakers:

- Ian Smith, PhD
  - Peter Smirnov, PhD
  - Wali Ba-Alawi, PhD
  - Soheil Jahangiri-Tazehkand, PhD
  - Arvind Mer, PhD
  - Joseph Marsilla, MSc
  - Sejin Kim, MSc
- \* All speakers are part of the Haibe-Kains Lab  
(<https://www.pmgenomics.ca/bhklab/>)

For the full agenda & registration visit the website:

[http://www.pm-genomics-io-symposium.ca/education\\_session](http://www.pm-genomics-io-symposium.ca/education_session)

**When will this event be held?** Thursday November 19<sup>th</sup>, 2020

Sessions are typically 30 minutes long with a 25minute presentation followed by 5 minutes for questions at the end of the session.

Registration for this event is free.

