

# CANADIAN BIOINFORMATICS WORKSHOPS

## Informatics on High-throughput Sequencing Data

### Day 1

### Day 2

	<b>Thursday June 9</b>		<b>Friday June 10</b>
8:00	<i>Registration &amp; Breakfast</i>	8:00	<i>Breakfast</i>
8:30	Welcome (Ann)	8:30	Module 5: Small-variant calling & annotation (Guillaume Bourque)
9:00	Module 1: Introduction to HT-sequencing and Cloud Computing (Zhibin Lu)		Module 5 Lab: Practical Exercises
10:00	<i>Coffee Break</i>	10:30	<i>Coffee Break</i>
10:30	Module 2: Genome Alignment (Mathieu Bourgey)	11:00	Module 6: Structural Variant calling (Guillaume Bourque)
	Module 2 Lab: Practical Exercises		Module 6 Lab: Practical Exercises
12:30	<i>Lunch - on your own</i>	12:30	<i>Lunch - on your own</i>
1:30	Module 3: Data Visualization (Florence Cavalli)	1:30	Module 7: Bringing it all together: Galaxy (David Morais)
	Module 3 Lab: Practical Exercises		
3:30	<i>Coffee Break</i>	2:30	<i>Coffee Break</i>
4:00	Module 4: De Novo Assembly Lecture (Jared Simpson)	3:00	Module 7 Lab: Practical Exercises
5:00	<i>(Optional) Integrated Assignment until 8pm</i>	5:00	Survey & Closing Remarks