

**C3G Analysis Workshop
RNA-Seq Module**

January 22-23, 2019
McGill McIntyre Building, Room 210

Day 1	Tuesday Jan 22	Instructor
8:30am	Light Breakfast & Coffee (<i>Room 519</i>)	
9:00am	Welcome/Introduction/Basic Setup	<i>Rola D.</i>
9:15am	Lecture: Basic Unix & Compute Canada	<i>P.O.Q.</i>
10:00am	Practical: Basic Unix & Compute Canada	<i>P.O.Q.</i>
11:00am	Coffee Break (30 min - Room 519)	
11:30am	Practical: Setting Up GenPipes	<i>Rola D.</i>
12:30pm	Lunch (Room 519)	
1:30pm	Lecture: Introduction to NGS & RNA-Seq	<i>J.H.G.</i>
2:30pm	Coffee Break (30 min - Room 519)	
3:00pm	Lecture: GenPipes Files: Creation & Validation	<i>Rola D.</i>
3:30pm	Practical: GenPipes Files: Creation & Validation	<i>Rola D.</i>
5:00pm	End of Day 1	
Day 2	Wednesday Jan 23	
8:30am	Light Breakfast & Coffee (<i>Room 519</i>)	
9:00am	Lecture: Review of Day 1	<i>Rola D.</i>
9:30am	Practical: RNA-Seq Mapping	<i>J.H.G.</i>
10:30am	Coffee Break (30 min - Room 519)	
11:00am	Lecture: Differential Analysis	<i>Eloi M.</i>
11:30am	Practical: Differential Analysis	<i>Eloi M.</i>
12:30am	Lunch (Room 519)	
1:30am	Practical: Data Exploration & Visualization	<i>J.H.G.</i>
3:00am	Coffee Break (30 min - Room 519)	
3:30am	Practical: Pipeline Relaunch & Error Logs	<i>Rola D.</i>
4:30am	Concluding Remarks & Available Resources	<i>Rola D.</i>

Food or drinks are *NOT ALLOWED* in room 210. Food is served in room 519