



IMPACTT Bioinformatics Workshop Schedule

ARTS 150, 853 Rue Sherbrooke Ouest
McGill University, Montréal, QC, Canada
Dec 6-7, 2022

Tuesday – Dec 6, 2022

09:00 – 09:10 **Welcome and Student Introduction**

Module 1

09:10 – 09:40 **Introduction to Microbiome Studies Lecture**
Instructor: Dr. Rob Beiko

09:40 – 10:00 **Introduction to AWS Lab**
Instructor: Zhibin Lu

10:00 – 10:30 **AM Break**

Module 2

10:30 – 11:00 **QIIME2 from Sequence to ASV Table Lecture**
Instructor: Dr. Rob Beiko

11:00 – 12:30 **QIIME2 from Sequence to ASV Table Lab**
TA: Diana Haider

12:30 – 13:15 **Lunch Break**

Module 3

13:15 – 14:00 **Statistics & Data Visualization Lecture**
Instructor: Dr. Rob Beiko

14:00 – 16:00 **Statistics & Data Visualization Lab**
TA: Diana Haider

16:00 – 16:15 **PM Break**

Special Topic

16:15 – 17:00 **Experimental Design, Sample Collection & Storage**
Instructor: Dr. Corinne Maurice
TA: Michael Shamash

17:00 **End of Day 1**

Wednesday – Dec 7, 2022

Module 4

09:00 – 10:00 **Metagenomics Taxa & Assembly Lecture**
Instructor: Dr. Morgan Langille

10:00 – 10:30 **AM Break**

Module 4 (continued)

10:30 – 12:30 **Metagenomics Taxa & Assembly Lab**
TA: Dr. Robyn Wright

12:30 – 13:15 **Lunch Break**

Module 5

13:15 – 14:15 **Transcriptomics & Function Lecture**
Instructor: Dr. John Parkinson

14:15 – 14:30 **PM Break**

Module 4 (continued)

14:30 – 16:30 **Transcriptomics & Function Lecture**
TA: Irina Utkina

16:30 **End of Workshop**