



IMPACTT Bioinformatics Workshop Schedule

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

Tuesday – Dec 6, 2022

09:00 – 09:10 Welcome and Student Introduction

Module 1

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

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

10:00 – 10:30 AM Break

Module 2

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

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

12:30 – 13:15 Lunch Break

Special Topic

13:15 – 14:00 **Lecture: Experimental Design, Sample Collection & Storage**
Instructor: Dr. Corinne Maurice

14:00 – 14:15 **Q&A: Experimental Design, Sample Collection & Storage**
TA: Michael Shamash

Module 3

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

15:00 – 16:00 **Lab: Statistics & Data Visualization**
TA: Diana Haider

16:00 – 16:15 PM Break

Module 3 (continued)

16:15 – 17:00 **Lab: Statistics & Data Visualization**
TA: Diana Haider

17:00 – 19:00 Cocktail Hour (McGill Faculty Club, 3450 McTavish Street)



Wednesday – Dec 7, 2022

Module 4

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

10:00 – 10:30 **AM Break**

Module 4 (continued)

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

12:30 – 13:15 **Lunch Break**

Module 5

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

14:15 – 14:30 **PM Break**

Module 4 (continued)

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

16:30 **End of Workshop**