



# Introduction to metabarcoding with Qiime2

Tuesday 22 February 2022

12:30 - 5pm AEDT/ 11:30am - 4pm AEST/ 12 - 4:30pm ACDT/  
9:30am - 2pm AWST

**Trainers:**

Dr Ashley Dungan - University of Melbourne  
Dr Gayle Philip - Melbourne Bioinformatics

**Facilitators:**

Dr Andrew Perry - Monash Bioinformatics Platform  
Ms Rania Ismail - University of Melbourne  
Ms Laura Geissler - University of Melbourne  
Dr Kshitij Tandon - University of Melbourne  
Dr Igor Makunin - QCIF Bioinformatics/Galaxy Australia

**Host:** Dr Melissa Burke, Australian BioCommons ([melissa@biocommons.org.au](mailto:melissa@biocommons.org.au))

\*Timings are approximate and subject to change. [Check the start time in your location here](#)

**Training materials:**

<https://www.melbournebioinformatics.org.au/tutorials/tutorials/qiime2/qiime2/>

## Schedule

Time	Length (mins)	Topic	Who
12:30 pm AEDT 11:30 am AEST 12:00 pm ACDT 9:30 am AWST	15	Welcome and housekeeping	Melissa
12:45 pm AEDT 11:45 am AEST 12:15 pm ACDT 9:45 am AWST	10	Information about the <a href="#">tutorial</a>	Gayle
12:55 pm AEDT 11:55 am AEST 12:12 pm ACDT 9:55 am AWST	20	Introduction to: <ul style="list-style-type: none"> <li>• The study</li> <li>• The data</li> <li>• Section 1: Importing, cleaning and quality control of the data</li> </ul>	Ashley
1:15 pm AEDT 12:15 pm AEST 12:45 pm ACDT 10:15 am AWST	35	<b>Breakout room: Section 1 and beginning of Section 2</b>	All
1:50 pm AEDT 12:50 pm AEST 1:20 pm ACDT 10:50 am AWST	15	Review .qzv files from Section 1	Ashley
2:05 pm AEDT 1:05 pm AEST 1:35 pm ACDT 11:05 am AWST	10	Introduction to: <ul style="list-style-type: none"> <li>• Section 2: Taxonomic Analysis</li> <li>• Section 3: Build a phylogenetic tree</li> </ul>	Ashley
2:15 pm AEDT 1:15 pm AEST 1:45 pm ACDT 11:15 am AWST	20	<b>Breakout room: Section 2 and 3</b>	All
2:35 pm AEDT 1:35 pm AEST 2:05 pm ACDT 11:35 am AWST	15	Break	
2:50 pm AEDT 1:50 pm AEST 2:20 pm ACDT 11:50 am AWST	10	Review .qzv files generated from Sections 2 & 3	Ashley
3:00 pm AEDT 2:00 pm AEST	15	Introduction to Section 4: Basic visualisations and statistics	Ashley

2:30 pm ACDT 12:00pm AWST			
3:15 pm AEDT 2:15 pm AEST 2:45 pm ACDT 12:15 pm AWST	25	<b>Breakout room: Section 4</b>	All
3:40 pm AEDT 2:40 pm AEST 3:10 pm ACDT 12:40 pm AWST	30	Review and recap	Ashley
4:10 pm AEDT 3:10 pm AEST 3:40 pm ACDT 1:10 pm AWST	10	Introduction to Section 5: Exporting data for further analysis in R	Ashley
4:20 pm AEDT 3:20 pm AEST 3:50 pm ACDT 1:20 pm AWST	15	<b>Breakout room: Section 5</b>	All
4:35 pm AEDT 3:35 pm AEST 4:05 pm ACDT 1:35 pm AWST	20	Review files from Section 5  Q&A	Ashley and Gayle
4:55 pm AEDT 3:55 pm AEST 4:35 pm ACDT 1:55 pm AWST	05	Wrap up and feedback	Melissa
5:00 pm AEDT 4:00 pm AEST 4:30 pm ACDT 2:00 pm AWST		End of workshop	