



# H3ABioNet

Pan African Bioinformatics Network for H3Africa

## 16SrRNA Intermediate Bioinformatics Online Course: Int\_BT\_2019

# 16S analysis pipeline QC and ASV picking using the dada2 pipeline



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# Module 5: 16S rRNA Analysis Pipeline

- Session 1:

QC and ASV picking using the dada2 pipeline

- Session 2:

Taxonomic classification and alignment using the dada2 pipeline

# Learning Objectives

- To give an overview on quality control process
- To give a background on dada2
- To give a general understanding of the 16S rRNA analysis pipeline using dada2
- To complete the dada2 workflow

# Learning Outcomes

- To understand each step of 16S rRNA analysis pipeline using dada2
- To run 16S rRNA analysis pipeline from raw reads
- To know how to edit files and use command line
- To choose the best approach and tools to analyze your data