

RNA-Seq Data Analysis Course

Course materials will be available from the link below from 11th June and available afterwards for at least one month.

https://www.well.ox.ac.uk/bioinformatics/training/RNASeq_June2021/

Schedule and Content

Monday 14th June 10:00 - 12:00

10.00-10.15 – Welcome and introduction

10.15-10.45 – Practical 1: Data exploration and quality control

10.45-11:00 - Break

11:00-11:10 – Discussion and questions from Practical 1

11:10-11:30 – Practical 2: Preparing datasets for analysis

11:30-11:35 – Short break

11:35-11:45 – Practical 2 continues

11:45-12:00 – Discussion and questions from Practical 2

End of first session

12:00-12:30 – Optional time to finish tutorials, ask questions or get help with any issues encountered

Tuesday 15th June 13:00 - 15:00

13:00-13:15 – Normalisation; sample size

13:15-13:30 - Setting up the analysis model

13:30-13:40 – Break

13:40-14:30 – Practical 3: Differential gene expression

14:30-14:35 - Short break

14:40-15:00 – Discussion and questions from Practical 3

End of course

15:00-15:30 – Optional time to finish tutorials and speak with instructors