

3rd Oxford Metabolomics Data Analysis Workshop



UNIVERSITY OF
OXFORD

1-day workshop - 7th December 2022

This workshop will introduce the approaches and tools used for processing, analysing and interpreting metabolomics data. It focuses on untargeted mass spectrometry data and will take a step by step approach using freely available software. It will cover data preparation, statistical analysis (multivariate and univariate techniques), biomarker discovery, data visualisation and approaches to functional interpretation, including metabolic pathway analysis. The workshop is suitable for those new to metabolomics and who are just starting to collect or analyse metabolomics data for the first time but will also cover some advanced topics. There will be a mixture of video lectures, live presentations, exercises and discussion. The workshop is free of charge (small fee for commercial applicants who are also welcome).

Workshop details

Date: 7th December 2022

Time: 10:00am to 4:30pm

The course is free but you must register as there are a limited number of places.

Venue: Chemistry Research Laboratory (South Parks Road, Oxford OX1 3TA)

Registration details

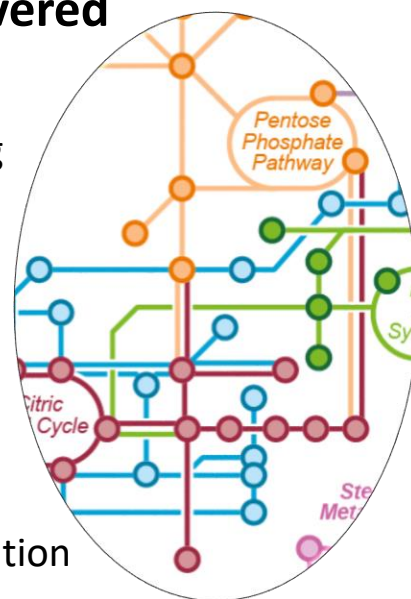
Sign up using the QR code below:



<https://forms.office.com/r/dNa2PGkKFQ>

What will be covered

- Data pre-processing
- Data post-processing
- Data visualisation
- Statistical analysis
- Biomarker discovery
- Data interpretation
- Functional analysis
- Metabolite identification
- Introduction to multiomic integration



Workshop Lead

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DEPARTMENT OF
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