

# Metabolomics Quality Assurance and Quality Control

School of Biosciences, University of Birmingham

## Course Plan

Week 1	Week 2	Week 3
An introduction to quality assurance and quality control in metabolomics	Quality control samples	Applying quality control samples to process data in untargeted metabolomics
Quality assurance procedures in metabolomics laboratories	Preparation of quality control samples	Signal correction in untargeted metabolomics
Quality assurance and quality control in clinical metabolomics and toxicology applications	Types of quality control samples in untargeted metabolomics and multi-batch studies	Applying quality control samples to process data in targeted metabolomics
How to report quality assurance and quality control	Quality control samples in targeted studies	The future direction of quality assurance and quality control in metabolomics