

UQ IMB Genetics and Genomics Winter School 2023
Timetable for Module 6 - Systems Genomics and Pharmacogenomics

22 nd June 2023	
1 - 2pm	Lecture: QTL mapping, GTE _x
2.10 - 2.20pm	Short break
2.10 - 3.10pm	Practical: QTL mapping and GTE _x
3.10 - 3.30pm	Coffee break
3.30 - 4.15pm	Lecture: Downstream GWAS analysis (integration of omic data, gene-based test, tissue and functional enrichment analysis)
4.15 - 5pm	Practical: Using FUMA for functional annotation of GWAS
23 rd June 2023	
8 - 9am	Lecture: Genomics for drug target validation and safety evaluation
9 - 9.10am	Short break
9.10 - 10am	Lecture: Summary-based Mendelian randomisation analysis
10 - 10.30am	Coffee break
10.30 - 12pm	Practical: SMR
12 - 1pm	Lunch
1 - 2pm	Lecture: Connectivity Map part 1
2 - 2.10pm	Short break
2.10 - 3pm	Lecture: Connectivity Map part 2
3 - 3.20pm	Coffee break
3.20 - 4.30pm	Practical: Using CMap for identifying drug repurposing candidates
4.30 - 5.00pm	Questions