

PMGCG 504 : 'Omics and Biomarkers

This course builds on the use of genomics in medicine by extending knowledge into areas that complement genomics, such as transcriptomics, proteomics and metabolomics. Students explore how these 'omics fields can be used in biomarker discovery and health management. Upon successful completion of this course, students will be able to explain broadly what is meant by 'omics analyses, describe the technologies involved, and display a specific comprehension of the source and uses of the various biomarkers in medicine.

College

Post Graduate Certificate in Precision Medicine

Credits 3.0**Prerequisites**

PMGCG 501: Introduction to Genetics and Genomics

PHIDG 1502: Integrated Sequence 2