

# PMGCG 801 : Application of Precision Medicine to Inflammatory and Autoimmune Disease

This course explores genetic/genomic influences on the development of autoimmune diseases and other diseases with inflammatory components. Students discuss the use of biomarker studies for both increasing the accuracy of diagnosis and for identifying proteins and metabolites that may provide insight into the causes of these disorders. Students successfully completing this course will be able to demonstrate an understanding of the genetic underpinnings of inflammatory and autoimmune diseases and be able to explain how biomarker studies can be used to improve patient outcomes.

**College**

Post Graduate Certificate in Precision Medicine

**Credits** 1.0**Prerequisites**

PMGCG 501: Introduction to Genetics and Genomics

PHIDG 1502: Integrated Sequence 2