

PMGCG 501 : Introduction to Genetics and Genomics

This introductory course presents basic aspects of genetics, genomics, and molecular biology, including DNA variation and mutation. It also covers a range of common analytical techniques for nucleic acids and proteins. Important elements of chromosomal structure are explored as well as concepts related to genetic testing and gene therapy. Upon successful completion of this course, students will have the foundational knowledge necessary for understanding genomic and other 'omics concepts relevant to completing the remaining required core and elective courses.

College

Post Graduate Certificate in Precision Medicine

Credits 2.0