BIOC 603. GENOMICS AND GENE EXPRESSION.

Credits: 3

Offered by: Biochemistry (Graduate Studies)

Terms offered: Fall 2025

View offerings for Fall 2025 in Visual Schedule Builder.

Description

Examination of recent developments in analysis of eukaryotic cell genomes and control of gene expression during differentiation and growth control. Molecular genetics; genomics and the bioinformatics of analysis of genomic and functional-genomic data; mechanisms and signal-transduction pathways for regulation of gene expression; applications to human disease with a strong emphasis on cancer.

- Fall
- Prerequisites: BIOC 454 and permission of instructor.