

MICR 824 : Advanced Biochemical Methods in Microbiology

This course examines strict anaerobe maintenance, DNA extraction, DNA-DNA reassociation, sequencing, electrophoresis of proteins, indirect immunofluorescence, chemical analysis of cell walls, G+C content in DNA, gas chromatography, radioisotope techniques, microbial physiology, light-scanning electron microscopy, PCR primer design, detection of specific microorganisms, gene cloning, plotting and reference programs, and 16S rRNA database interaction.

Core Course

Credits 2