



King Saud University
College of Science
Department of Botany and Microbiology

Medical Bacteriology (460MBIO)

Course Description

Introduction in human normal bacterial flora and pathogenic bacteria, external and internal barriers, bacterial toxins, Gram positive and Gram-negative pathogenic bacteria, virulence factors, mechanism of pathogenesis, diagnosis, treatment and prevention.

List of Topics

1. Introduction (History of medical bacteriology)
2. The normal bacterial flora of humans
3. Bacterial toxins and their detection methods
4. External and internal barriers
5. Gram positive and Gram-negative bacterial mechanism of pathogenesis, diagnosis and treatment