

Faculty of Pharmacy

Molecular Biology

Information :

Course Code : PBE 010

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	0
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	
Assistant Lecturer	Aya Ahmed Kamal Zayed	

Description :

The course demonstrates an understanding of genome organization in prokaryotes and eukaryotes, outlines the recent advances in approaching gene discovery through, explaining gene expression, regulation and molecular biology techniques. In addition to, cancer development, progression mechanisms (carcinogenesis & apoptosis) and different models of cell division/cell cycle control are illustrated. The course emphasizes new approaches using molecular biology to undertake gene manipulation in diagnosing and controlling different diseases.