

**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
Professor	MARWA ISMAIL ABDELLATIF ABOUSHABYEK	1
Lecturer	Suzan Magdy Ismaeil Ahmed	1
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	
Assistant Lecturer	Samar Hussein Ibrahim Mohamed	
Teaching Assistant	Ashrakt Eslam Ahmed Header	

**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.