



Class 1

Medical chemistry

lecture :

Lecture Title: Hormones

**This Lecture was prepared by :
DR. HUDA MAHDI YOUNIS**



Objective

Introduction

Hormones:

Endocrinology

Endocrine gland

Types of messengers

Basis of hormonal action

A- Target cell concept

B- Hormone receptors:

How are hormones classified?

By Proximity of their site of synthesis to their site of action

By their chemical structure

By their degree of solubility in aqueous medium

Properties of hormone

Function of hormones

The hormones have several characteristics in common with enzymes

Hormones differ from enzymes in the following ways

Hormone Action

Factors controlling hormone secretion

How do hormones exit in blood plasma?



Dr. Huda Mahdi