



Republic of Iraq
Ministry of Higher Education and Scientific Research
University of Basrah
Al-Zahraa College of Medicine



- Al-Zahraa College of Medicine
- Semester 3

Module Summary: Mechanism of Disease

Updated: Sep. 2023

Introduction

The aim of the module is to introduce you to basic pathological processes in order to prepare you for the other core modules in Phase 1 of the course which are devoted to the various body systems. This handbook provides the information you will require to follow the Mechanisms of Disease module.

The curriculum was obtained from the college of medicine, university of Kufa, which similar to that from college of medicine in Leicester University and Buckingham University.

The module contains:

- An introduction to the structure of the module
- Descriptions of the organization of each of the morning sessions
- Descriptions of the self-directed study that will be required.
- Information on appropriate textbooks
- Details of the staff who will deliver the module.
- Details of the assessment system
- The objectives and other information for each session of the module

We hope that you will learn a great deal during the module and that you will find it interesting and enjoyable.

Structure of the Module

The Mechanisms of Disease module will occupy 12 morning sessions. The dates and subject matter for each session are shown below. The purpose of the module is to introduce to you the fundamental disease processes that affect the human body. Once you are familiar with these basic pathological concepts you will be able to apply them to any organ or organ system.

(see table on next page)

Organization of Morning Sessions

Session	Topic	08.30–10.30	10.30-11.00	11.00.-12.00	12.00-1.00
1	Cell Injury	Lecture	Coffee	Group Work	Tutorial
2	Acute Inflammation	Lecture	Coffee	Group Work	Tutorial
3	Chronic Inflammation	Lecture	Coffee	Group Work	Tutorial
4	Healing Repair	Lecture	Coffee	Group Work	Tutorial
5	Haemostasis and Thrombosis	Lecture	Coffee	Group Work	Tutorial
6	Atheroma	Lecture	Coffee	Group Work	Tutorial
7	Formative assessment		coffee	Feedback & review sessions	
8	Cellular Adaptations	Lecture	Coffee	Group Work	Tutorial
9	Cellular Adaptations	Lecture	Coffee	Group Work	Tutorial
10	Neoplasia I	Lecture	Coffee	Group Work	Tutorial
11	Neoplasia II	Lecture	Coffee	Group Work	Tutorial
12	Neoplasia III	Lecture	Coffee	Group Work	Tutorial
13	Neoplasia IV	Lecture	Coffee	Group Work	Tutorial
14	Formative assessment		coffee	Feedback & review sessions	

Venues

Lectures, feedback and review sessions will be held in main lecture hall in lecture hall building Group work and tutorials will take place as in hall of small group work in clinical science building.

During these sessions a variety of visual material will be presented, and you will be expected to answer associated questions working together in your groups.

Although staff will be available to help, it is essential that you bring your pathology textbooks to these sessions in order to derive maximum benefit. If you do not answer all the questions during the session you should do so in your own time.

Self-Directed Study

At the end of each section of the workbook you will find details of self-directed study. Sometimes there will be material provided, sometimes topics will be suggested for further reading. The self-directed study is an adjunct to the other parts of the course and will be necessary in order for you to fulfill the objectives. All of the course materials are available on moodle. At the end of each section of the workbook you will find self-assessment questions designed to help you determine your level of knowledge and understanding.

There will be opportunities in the tutorials to ask about the self-directed studies.

Education recourses

- The workbook of the module.
- Robbins basic pathology, kumar, abbas fausto and Mitchell
- Muir's Textbook of Pathology, MacSween and Whaley General and Systemic Pathology, Underwood.

Assessment

Mechanisms of Disease will be assessed in the Semester 3 ESA. There will be module-specific questions. There will also be the cross-modular semester 3 questions and cross-semester questions that may include material from this module. In addition, material from this module will feature in cross-semester questions in future ESAs. There will be a formative assessment part way through the module after the 6 and 12 morning session and with review and feedback after it immediately This is to help you in your learning and understanding and you are strongly encouraged to participate. The lecture that precedes the assessment will not be included. There will be a feedback session immediately after.

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