

סילבוס בקורס פתולוגיה
290.2001
סמסטר א' תשע"ב

Time: Monday 8:30-10, Room 608

Instructor: Dr. Jacob Bejar

Office Hours: 10-11 by appointment at the University of Haifa

Course type: Lecture

Course level: BA

Course overview: Comprehension of the structural and functional changes in cell tissue and organs that underlie disease.

Topics:

1. Introduction to Pathology
2. Cellular adaptation and cellular injury
3. Cellular death (Necrosis Apoptosis)
4. Ischemic diseases
5. Hydro-dynamic disorders
6. Acute and chronic inflammation
7. Repair and pathological aspects of repair
8. Diseases of immunity
9. Neoplasia
10. Material and methods in surgical pathology

Requirements:

Attendance, Homework, and Final Exam (100%). Passing grade -55.

Reading List:

Cell Suicide in Health and Disease

Cells can—and often do—kill themselves, in a process known as apoptosis. This capacity is essential to the proper functioning of the body; flawed regulation may lie behind many diseases.

By: Richard C. Duke, David M. Ojcius and John Ding-E Young.

How Cells Clean House

By: Deretic, Vojo, Klionsky, Daniel J., Scientific American, 00368733, May2008, Vol. 298, Issue

Robbins and Cotran Pathologic basis of disease 8 edition:

- 1.-Control of Normal Cell Proliferation and Tissue Growth
2. Cell Cycle and the Regulation of Cell Replication
- 3.- Cutaneous Wound Healing
- 4.- Local and Systemic Factors that Influence Wound Healing.