



The Hebrew University of Jerusalem

Syllabus

IMMUNOLOGY - 72665

Last update 27-10-2016

HU Credits: 4

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: life sciences

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: E. Safra

Course/Module Coordinator: Prof Ofer Mandelboim

Coordinator Email: oferman@md.huji.ac.il

Coordinator Office Hours: By appointment

Teaching Staff:

Prof Ofer Mandelboim
Dr. Michael Berger
Prof Michal Baniyash
Prof Francesca Levi-Schaffer

Course/Module description:

Advanced immunology course introducing the development, structure, molecular and cellular function of the innate and adaptive immune system under normal and pathological conditions as: cancer, infectious, autoimmune, metabolic and inflammatory diseases.

Course/Module aims:

To provide the students with the basic and advanced acquaintance of the immune system, and present to them its significance under healthy and pathological conditions.

Learning outcomes - On successful completion of this module, students should be able to:

Understand immunological publications, evaluate their significance, dissect and explain the described data and raise new ideas for the studies' continuation.

Attendance requirements(%):

Participating in this meeting is not obligatory but full attendance will have a major impact on the understanding of the taught material.

Teaching arrangement and method of instruction: Lecture

Course/Module Content:

The innate and adaptive immune systems; their development, structure and function under normal/healthy conditions and pathological disorders as: cancer, inborn and acquired immunodeficiencies, infectious, inflammatory and autoimmune diseases as well as allergy.

Required Reading:

None

Additional Reading Material:

Chapters in Janeways' Immunobiology book, which are relevant to the subjects

presented in the class.

Course/Module evaluation:

End of year written/oral examination 100 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

None