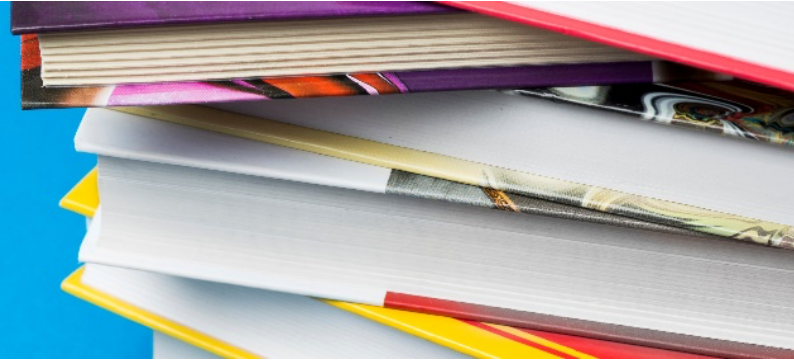




Full Syllabus



Course Title

General Immunology Laboratory

Lecturer

Dr. Lior Mayo

Semester

2nd Semester

Course requirements

General Immunology Course (0455.2688) and Molecular Biology Laboratory (0455.2501)

Final grade components

60% exams, 10% laboratory reports, 30% instructor evaluation

Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
Lab 1	Introduction lecture The humoral response: Antibodies production and purification - Chromatography
Lab 2	Mechanism in host immune defense - Antibody-dependent cellular phagocytosis
Lab 3	Mechanism in host immune defense – Antibody-dependent cellular cytotoxicity (ADCC) and complement dependent cytotoxicity (CDC)
Lab 4	Mechanism in host immune defense – Macrophage differentiation/polarization (FACS)
Lab 5	Mechanism in host immune defense – Macrophage differentiation/polarization (ELISA)
Lab 6	Summary lecture
29 June	Exam, Moed A
4 Aug	Exam, Moed B

Required course reading

Immunology laboratory booklet

Optional course reading

Immunology -Kuby, chapters 4-6, 9, 13

Comments

Students' attendance is obligatory.
The course consists of 6 laboratories and additional meetings with the instructor.