

Program: Microbiology & Immunology

Course Name: Molecular Immunology

Course Number: 0546

Course Director: Marc Monestier, M.D., Ph.D. Kresge 507, Tel: 2-1744, email:

marcm@temple.edu Team taught

Credits: 2

Semester: Spring, every other year

Times: Meets once weekly for 2 hours

Location: MRB Fifth Floor Library

Prerequisites: All students are required to have a background in Immunology and have previously taken M415 and M545.

Description: The goal of the course is to discuss advanced topics in Immunology. The areas to be studied may include: B Cell Development and Autoimmunity, Immunobiology of Solid Organ Graft Rejection, T cell Development, Signal Transduction in Lymphocytes.

Student participation is a key feature of this course. Each instructor will provide a survey of the field to be covered and will distribute articles to be presented and discussed by students at subsequent meetings. Each student is expected to present at least two papers during the course. Other students are expected to engage in an active discussion of the papers to be presented.

Textbook & Readings: Each instructor will provide scientific articles to be presented and discussed by the students.

Exams are indicated on the course schedule. A mid-term and a final examination are usually administered.

Class attendance is required. Student absence must be excused or will reflect on a student's grade.

The grade in the course will take into account all exams, class participation and oral presentations.

Office Hours – The Course Director is available during the normal workday hours. Other instructors are available on the same terms.