Immunology Syllabus
BIOL_5306_81
Professor Agostino
DH 4407
nick@fdu.edu
201-692-2333
Classroom: DH 1143 Mondays 10-12:30pm


Course requirements: There will be three lecture exams, one oral presentation, and one term paper in a current Immunological topic.

Policy: Attendance is mandatory. More than two unexcused absences or repeated lateness will affect your grade. It is the responsibility of the student to make up missed assignments.

Topics: Introduction- Basic Concepts in Immunology
Organs, Cells and Key Molecular Structures
Innate Immunity
The Structure of Antibodies and their Genes
Antigen Recognition
Antigen Presentation to T Lymphocytes
Specific Host Defense
Development of B Lymphocytes/Tolerance/Immunoregulation
Development of T Lymphocytes/Major Histocompatability
Humoral and Cell Mediated Immunity
The Complement Cascade
Immunologists Toolbox
Failures of Host Defense Mechanisms
IgE, Allergy and Hypersensitivity
Autoimmunity and Transplantation
Tumor Immunology
Manipulation of the Immune Response

Additional: Current Immunological topics and readings from leading scientific journals will be assigned. Students will be expected to lead discussions in these topics. All students will be expected to participate in the discussion.
Grading:

**Extra-credit or substitute-credit assignments are never allowed.** Student’s primary responsibility is knowing the course material addressed in lecture, lab and field, and for adequately performing all assigned work.

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**OTHER IMPORTANT RULES / REGULATIONS:**

**Electronic Equipment:**

1. **During instruction:** The use of cellphones is prohibited during class. No text messages, checking the internet, or phone calls are permitted. You may use your phone prior to class, during any break-time, and after class. The use of cell phones and/or electronic equipment capable of recording and/or transmitting lectures or any instructional modality is prohibited unless written permission is obtained from the instructor. Anyone who violates this policy will be asked to leave.

2. **When quizzes/exams are in use:** Cell phones and/or any electronic device capable of displaying, recording, or transmitting information **must not be used or even be accessible for any purpose when exams are also in use.** The use, display of, or convenient access to such equipment may result in a failing grade for the course.