Immunology Syllabus
BIOL_5306_81
Professor Agostino
DH 4407
nick@fdu.edu
201-692-2333


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