Essentials in Immunology

Instructor
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Teaching Assistant
NA
Email: NA

Department: Biochemistry
Course Time: 12 to 1 PM
Lecture venue: Biochemistry lecture hall
Detailed Course Page: NA

Announcements

Brief description of the course
BC 206 is a mid-level structured course to introduce concepts in the subject of Immunology to post-graduate students

Prerequisites
None

Syllabus
Cells and organs of the Immune system, Innate Immunity & Inflammation, B cell Development, Str& function of Igs, Complement system, Immunoglobulin genes and the theory of antibody diversity, class switching, MHC antigens, T cell Receptor, T cell activation, Cytokines, Hypersensitivity, Autoimmunity, Immunological disorders, Emerging areas, Genes & Immunity, T cell immunity, Host Defense

Course outcomes
Students would understand basic concepts in the working of human immunological system, at the molecular level.

Grading policy
25 % for I mid term , 25% for II mid term, 15% assignments and 35% for the final
Assignments
Students are given assignments which are either write-ups or presentations on interesting topics of immunology which maybe publications that revolutionized our understanding in Immunology or recent research papers that introduced new concepts. Assignments are sometimes based on quiz sessions.

Resources
Kuby, Immunology Fourth edition, Paul, Fundamental Immunology, fourth edition, Roitt, Essential Immunology, Current Scientific publications and reviews.