COURSE DETAIL

IMMUNOLOGY
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 123
UCEAP Course Suffix
UCEAP Official Title IMMUNOLOGY
UCEAP Transcript Title IMMUNOLOGY
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course studies animal immune systems and the application of a variety of immunological methods to research and diagnosing diseases. Topics include: immunological functions in vertebrates and analogous activities in invertebrates; structures and biological properties of immunoglobulins and T-cell receptors; divergence of antibody genes; emergence and characteristics of lymphoid tissues; major histocompatibility complex; complement pathways; immunity against bacteria, viruses, and parasites; AIDS: vaccinations, hypersensitivity, and autoimmunity; and immunological tests and immunochemical techniques using non-mammalian and mammalian antibodies and their application to various biological problems.

Language(s) of Instruction
English

Host Institution Course Number
BIOL3403

Host Institution Course Title
IMMUNOLOGY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biological Sciences

Course Last Reviewed
2024-2025

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