COURSE DETAIL

MOLECULAR AND CELLULAR INFECTION IMMUNOLOGY
Country Germany
Host Institution Humboldt University Berlin
Program(s) Humboldt University Berlin,Free University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 124
UCEAP Course Suffix
UCEAP Official Title MOLECULAR AND CELLULAR INFECTION IMMUNOLOGY
UCEAP Transcript Title MOL&CELL IMMUNOLOGY
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
This course introduces students to cellular and molecular immunology with physiological correlations and clinical implications. Topics include: Components of the immune system and hematopoiesis; Innate immunity: inflammation and defense against bacteria; PAMP, TLRs, cytokines, phagocytosis and antigen presentation; Acquired immunity: GOD, T-cell development, T-cell activation and self-limiting, memory and differentiation in T-cell populations, B-cells, antibodies, and their effector, tolerance and regulatory T cells; NK cells, gd T cells, NKT cells, cytokines and chemokines, defense against viruses, tumor immunology, hyper-sensitivities, allergies and autoimmunity, and transplantation immunology.

Language(s) of Instruction
English

Host Institution Course Number
2112QMB008L

Host Institution Course Title
MOLECULAR AND CELLULAR INFECTION IMMUNOLOGY

Host Institution Course Details
https://agnes.hu-berlin.de/lupo/rds?state=verpublish&status=init&vmfile=no&publ...

Host Institution Campus
Humboldt Univ. Berlin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Institut für Biologie

Course Last Reviewed
2023-2024

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