

CELLULAR MICROBIOLOGY

Fall 2022: BSC4933 and BSC 6932

In BSF 102, 2:00-3:15 pm

This course has been designed for students who are interested in learning about the interactions between microbes and the host at the cellular level

Prerequisite

General Microbiology (MCB 3020) and/or Cell Biology (PCB 3023)
one of which must be completed with a B or higher



Instructor: My Lien Dao, PhD

Office BSF 205; Email: dao@usf.edu

Office hours: Friday from 4:00-5:00 pm or by appointment

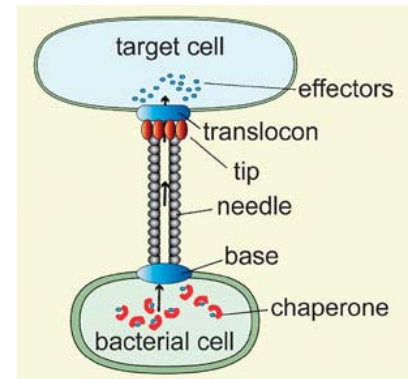
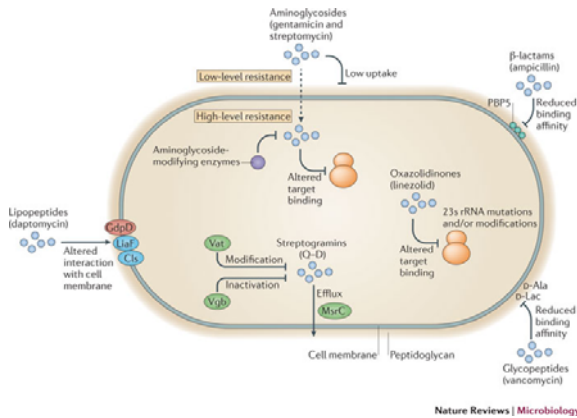
Please contact Dr. Dao by e-mail if you have any questions about the course

Fall 2022

Public Health and Pathogenic Microbiology

BSC 4933/BSC 6932 (3 credits)

TR 12:30-1:45 pm in ISA 3050



We will be exploring principles of public health microbiology and epidemiological considerations in disease.

Topics covered include:

- *Structure of pathogens*
- *Host-parasite interactions*
- *Host defenses*
- *Control of Growth*
- *Virulence Mechanisms*
- *Introduction to epidemiology*
- *Mortality and morbidity stats*
- *Time, place and people*
- *Retrospective and prospective studies*
- *Emerging infectious diseases*
- *Bioterrorism*

For more information contact Dr. El-Rady: jelrady@usf.edu