FALL 2015 COURSE ANNOUNCEMENT

Course number: MCB 4933/BSC 6932
Course Title: Cellular Microbiology
Instructor: Dr. My Lien Dao
Department: CMMB
Office: BSF 205
Telephone 974-5655
e-mail: dao@usf.edu
Class room: TBA
Class times: 6:30-7:45 PM
Office Hours: BSF 205: Friday 4:30-5:30 or by appointment

COURSE DESCRIPTION

The focus of this course in “Cellular Microbiology” is to bridge the gap between the disciplines of Microbiology and Cell biology, with a study of the interactions between mammalian cells and microbes.

MCB 4933 (3h-Credit)

Course Objectives: Cellular Microbiology is a 4,000 level course that is designed for Undergraduate students in biological sciences, especially students majoring in Microbiology and Biology with a strong background in microbiology and/or cell biology (one of these courses has to be completed with a B or higher grade at the time of enrollment). The main goal of the course is for students to expand their respective area of interest by addressing the interactions of pathogenic bacteria and/or their virulence factors with mammalian cells. With an understanding of these interactions, it will be possible to address fundamental questions on infectious diseases by incorporating aspects of microbiology and host cellular biology.

BSC 6932 (3h-Credit)

Course objectives: 6000 level Cellular Microbiology is composed of two required Portions, including the MCB 4933 Lectures, and a Literature-based Oral presentation. The course objectives are for Graduate students to build a strong foundation in Cellular Microbiology, and to develop the skills to critically read the current literature in this new area of Biology/Microbiology, and to develop oral presentation skills.