

68410 - Microbiology research; parasitology, immunology

Información del Plan Docente

Academic Year	2016/17
Academic center	104 - Facultad de Medicina
Degree	530 - Master's in Introduction to Medical Research
ECTS	5.0
Course	1
Period	Indeterminate
Subject Type	Optional
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

The learning process that is designed for this subject is based on the following: The course has a fundamentally applied orientation so that the proposed activities are focused on the one hand on the application of the scientific method for designing research projects, and on the other the possibility of contacting research lines offered already established and consolidated facilitating the realization of the final project and a subsequent orientation to research tasks.

5.2.Learning activities

The program that the student is offered to help you achieve the expected results includes the following activities: lectures

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literature review of articles of interest Content Agenda

5.3.Program

Presentation of the subject

Research in Medical Microbiology (Clinical Microbiology)

Molecular Microbiology: Introduction

Molecular Microbiology Molecular Techniques and Applications

Molecular Microbiology: Molecular basis of pathogenicity in Gram negative

Molecular Microbiology: Molecular Epidemiology

Molecular Microbiology Molecular Epidemiology Bases

Molecular Microbiology: Molecular basis of antibiotic resistance

Molecular Microbiology: Molecular basis of pathogenicity in Gram positive

Molecular Microbiology: Molecular basis of pathogenicity in mycobacteria

Parasitology research methods in the (tropical parasitic diseases: microscopy techniques applied to diagnosis and identification of parasites

Research Methods in Parasitology (tropical parasitic diseases: molecular techniques applied to diagnosis and epidemiological studies in Parasitology)

Medical Immunology

5.4.Planning and scheduling

The classes will take place on Monday afternoon in the classroom 4 aulario B of the Faculty of Medicine : MONDAY 9, 16, 23 January ; 6, 13 , 20, 27 February and 13 March .

5.5.Bibliography and recommended resources