Universidad Zaragoza

Academic Year: 2024/25

66163 - Master's Dissertation

Teaching Plan Information

Academic year: 2024/25
Subject: 66163 - Master's Dissertation
Faculty / School: 104 - Facultad de Medicina
Degree: 637 - Masters degree in Tumor Immunology and Cancer Immunotherapy
ECTS: 30.0
Year: 2
Semester: First semester
Subject type: Master Final Project
Module:

1. General information

The objective of the master´s final project (MFP) is for the student to acquire a certain level of research maturity, so that they is able to correctly express scientific results derived from an experimental work carried out in a research laboratory or from a clinical work in the different scientific fields related to tumour immunology and immunotherapy.

Due to its importance, it comprises one third of the ECTS of the Master.

2. Learning results

With the completion of the MFP the student must demonstrate that:

1. They is able to perform the most common experimental tasks in an oncology service or in an immunology or cell biology laboratory, including the use of specialized instrumentation and advanced experimental techniques.

2. They is able to design experiments that lead to the solving of a specific scientific problem.

3. They can independently perform experiments (and/or applications) and describe, quantify, analyse and critically assess the results obtained.

4. They knows how to search (specialized libraries and periodicals, on-line journals and Internet databases) for the most recent and relevant information related to oncoImmunology, in order to solve technical and professional problems.

5. They Is able to critically read relevant scientific literature related to oncoImmunology, and to clearly perceive current advances and possible future developments.

6. They is trained in the communication and public presentation of the fundamental aspects of their professional activity to other professionals in their area or related areas and to a non-specialized public.

7. They has a basis that allows them to be original in the development and/or application of ideas, especially in a scientific research and/or clinical application context.

3. Syllabus

1. The director of the project will propose a scientific problem to the student and they must study the background of the problem.

2. The director of the project will guide the student in the planning of the experiments or clinical studies and their acquisition of data aimed at solving the problem.

3. The student will learn and apply the appropriate experimental techniques to solve concrete problems.

4. The student will learn to interpret the results obtained, to discuss them and to rethink new experiments.

5. The student will finally learn to produce a scientific report and to present it in public.

4. Academic activities

-Experimental work in the laboratory or clinic

-Study of the bibliography on the subject

-Presentation of results and problems arisen during experimentation.

-Writing of a scientific report according to the current regulations for master´s final projects.

-Presentation of the report prepared

5. Assessment system

The report and public defence of the MFP will be assessed by a board of examiners according to the regulations of the University of Zaragoza, with the following weighting:

Report of the master´s final project: 70%

Public defence of the master´s final project: 30%

6. Sustainable Development Goals

3 - Good Health & Well-Being
4 - Quality Education
8 - Decent Work and Economic Growth