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VP124_BIOS

Visiting Professor Program
Academic Year 2024/2025

TEACHING COMMITMENT: **12 hours**

COURSE TITLE

Neurodevelopmental Diseases

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

BIO06

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

The aim of this course is to enable insight into the neural and molecular mechanisms of neurodevelopmental disorders by coupling data from preclinical animal models to the clinical phenotype. The goal of this module is to teach and train master students in the latest developments in the field of neural circuit development, plasticity and disease through the direct and active interaction with an internationally recognised expert in the field.

LEARNING OBJECTIVES

Through the analysis of the most recent literature and active discussion, the students will develop critical thinking and knowledge on the cellular/molecular mechanisms underlying normal development, function and dysfunction of the nervous system. Students will learn from an experienced researcher how to address problems and formulate research questions. They will also

acquire in-depth knowledge of the novel, cutting-edge approaches and technologies that can be applied synergistically to study any cell-tissue system development.
none

OTHER ACTIVITIES BESIDES THE COURSE

Seminar addressed to PhD students.

VISITING PROFESSOR PROFILE

The Visiting Professor should be an internationally recognized specialist in the field of neural development, with a long lasting and documented track-record in brain development and plasticity and disease. She/he should have experience in teaching, in particular in the relevant area of neural development at the level of advanced master and/or early PhD students. We seek someone with deep experience in the neural development research field and a clear profile in neuroscientific topics relevant for our population of master students.

CONTACT REFERENT

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