UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Internship in Anatomy

2122-3-H4102D069

Aims

To introduce the students to the understanding and practice of basic and advanced technical approaches for the evaluation of tissue and organ morphology.

Contents

Understanding and practice of:

Main histological tecniques

Instruments, reagents and materials needed for an histological analysis

Confocal microscopy

Electron microscopy

Live imaging for tissue colture

Detailed program

Theorical and practical approaches to:

- Principles of light microscopy

- Principles of electron microscopy

- Principles of confocal microscopy

- Preparation of biological samples for immunohistochemistry, immunofluorescence, histological analisys

- Cell colture
- Preparation of cells for live imaging

Prerequisites

To attend to the Histology class and the clerkship 2 of histology

Teaching form

Frontal introductive lessons, practical activity in the histology laboratory. Lessons in attendance, subject to any ministerial changes following the COVID pandemic situation.

Textbook and teaching resource

Histology Textbooks

Semester

3, 4, 5, 6 th year, annual.

Assessment method

Assessment of the suitability on the basis of the participation to the internship, subject to any ministerial changes following the COVID pandemic situation.

Office hours

Every day, after arranging an appointment