UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Internship in Anatomy

2021-3-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

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

Office hours

Every day, after arranging an appointment