



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Histology

1718-1-H4102D008-H4102D025M

Aims

To introduce the students to the understanding of the basic histological techniques, to prepare histological samples for the observation of the structure and ultrastructure of the main biological tissues, under the supervision of qualified laboratory staff and by using an "on field" approach.

Contents

Main histological techniques

Instruments, reagents and materials needed for an histological analysis

Detailed program

Flow cytometry to describe tissues properties

Principles of light microscopy

Principles of electron microscopy

Principles of confocal microscopy

Preparation of biological samples for immunohistochemistry, immunofluorescence, histological analysis

Instrumentation for hematological and haematochemical analysis

Prerequisites

To attend to the Histology class

Teaching form

Frontal introductory lessons, practical activity in the histology laboratory

Textbook and teaching resource

Histology Textbooks

Semester

Second semester

Assessment method

Assessment of the suitability on the basis of the participation to the laboratory activities.

Office hours

Every day, after arranging an appointment
