



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Pathology

2425-4-H4102D029-H4102D109M

Aims

The course will offer an overview of the cultural background and specific features required for a pathologist and for a anatomical pathology Technician. In particular skills of the training course are: specimens in the histological lab (management and preparation phase); histological diagnosis; the anatomy-pathological report: quality controls in the anatomical pathology laboratory; molecular biology and electron microscopy; pathological overview of organ diseases:

urinary system (glomerulonephritis, kidney and bladder cancers);

Endocrine system (thyroid and adrenal pathology)

Contents

The aim of the course is to provide students with the fundamentals of Pathological basis of organs and apparatus diseases, and provide the proper techniques for their study.

Detailed program

Professional duties of the pathologist and of the Technician. Type of samples processed in the Pathology Unit and diagnostic Pathology: Fixation, sampling. Histologic and cytological diagnosis: the pathologic report. Quality controls in Pathology. Diagnostic applications of fine needle aspiration cytology, immunohistochemistry, molecular biology and electronic microscopy. Systematic review of organ diseases: cardiovascular, respiratory, gastro enteric, urinary apparatus; endocrine, hemopoietic, nervous systems, skin and soft tissues (tumors).

Prerequisites

Teaching form

Oral formal lectures

Textbook and teaching resource

The Teachers will provide educational materials

Semester

Second semester

Assessment method

NO partial exam.

Oral mandatory after quiz.

QUIZ:

Multiple choices (10 questions, 3 points each)

ORAL SESSION:

- open questions on subjects from lessons
- discussion of quiz results

Office hours

Lunch break

Sustainable Development Goals

GENDER EQUALITY
