UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# SYLLABUS DEL CORSO

# Pathology

**2526-4-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 and cytological diagnosis; the anatomy-pathological report: quality controls in the anatomical pathology laboratory; fine needle aspiration biopsy application, immunohistochemistry, molecular biology and electron microscopy; pathological overview of organ diseases: cardiovascular system (ischemic heart disease and atherosclerosis), respiratory system (pneumonias and tumours), gastrointestinal system (gastritis and ulcer, chronic inflammatory bowel disease, hepatitis, gastrointestinal cancers),urinary system (glomerulonephritis, kidney and bladder cancers); Endocrine system (thyroid and adrenal pathology), hemolympho-poietic system (leukaemia and lymphomas), nervous system (vascular, infectious and neoplastic pathologies); skin and soft tissue

## 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.

## Prerequisites

## Teaching form

Lectures and exercises

## Textbook and teaching resource

The Teachers will provide educational materials

## Semester

Second semester

## Assessment method

Quiz and Oral Test

## Office hours

by appointment

## Sustainable Development Goals

GENDER EQUALITY