

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

# **COURSE SYLLABUS**

# **Techniques and Methodology in Pathology 1**

2122-4-H4101D262-H4101D037M

#### **Aims**

The student must learn the professional characteristics of the anatomopathologist's job, with the aim of being able to establish a profitable professional relationship

## **Contents**

Professional tasks of the anatomopathologist; technologies used in the Pathological Anatomy laboratory

## **Detailed program**

Specimens in the histological lab (management and preparation phase); histological and cytological diagnosis; the anatomopathological report: quality controls in the anatomical pathology laboratory; fine needle aspiration biopsy application, immunohistochemistry, molecular biology and electron microscopy; digital pathology and telepathology; autoptic diagnostics; the purpose of the diagnostic autopsy; the autopsy request; differences between hospital and medicolegal autopsy; tumor staging; clinical and anatomopathological staging; general principles and impact on prognosis and therapy

## **Prerequisites**

Knowledge of the contents of the propedeutic courses

# **Teaching form**

Lessons will be provided in presence, subject to any ministerial changes following the COVID pandemic situation

# Textbook and teaching resource

Kumar V, Abbas A K, Aster J C; Robbins and Cotran Pathologic Basis of Disease Elsevier, 9th ed

TNM CLASSIFICATION OF MALIGNANT TUMOURS UICC International Union Against Cancer, Wiley-Liss VII ed

#### Semester

First semester

## **Assessment method**

See Syllabus of Laboratory Medicine

## Office hours

By appointment, subject to agreement by e-mail