

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

### **COURSE SYLLABUS**

## **Pathology**

2223-4-H4102D024-H4102D082M

#### **Aims**

The course will offer an overview of the cultural background and specific features required for a pathologist . 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 pathology

electron microscopy;

pathological overview of:

#### **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. Type of samples processed in the Pathology Unit and diagnostic Pathology: Fixation, sampling. Histologic and cytological diagnosis: the pathologic report. Quality controls in Pathology.

<sup>°</sup>lung carcinoma (diagnosis and predictive pathology);

<sup>°</sup>inflammatory vascular disorders (clinical-pathological correlations and clinical grand rounds)

<sup>°</sup>the biopsy of the heart

	ations of fine needle aspiration cytology, immunohistochemistry, molecular biology and electronic ematic review of organ diseases: cardiovascular, respiratory.
Prerequisites	
n/a	
Teaching form	n
Oral lessons	
Textbook and	teaching resource
The Teachers will	provide educational materials
Semester	
October 2022	
Assessment r	nethod
Quiz and Oral Tes	st
Office hours	
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Sustainable D	Pevelopment Goals
GENDER EQUAL	JITY