



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Pathology

2425-5-H4102D043-H4102D145M

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#### Aims

To provide the pathology knowledge underlying different diseases affecting the digestive system.

At the end of the course the student will be able to:

1. Integrate the clinical data with cytological, histological and molecular aspects of different digestive system diseases.
2. Understand the pathobiology of these entities.
3. Employ normal histology knowledge and others basic disciplines for understanding organs and/or apparatus pathologies.
4. Critically evaluate the commonly used diagnostic methods in pathology.

#### Contents

The course will address the pathogenetic, histological, cytological and molecular aspects of various neoplastic and non-neoplastic pathologies of the digestive tract, addressing the correlations with the clinical/instrumental data through case examples and references to the literature, with hints at the increasingly important role of the application of digital and molecular pathology methods in this field of human pathology.

#### Detailed program

The Digestive Pathology course will focus on the following topics:

- Precancerous lesions of the intestine and classification of intestinal polyps

- Adenocarcinoma of the colon
- Gastric precancerous lesions and stomach adenocarcinoma
- Neuroendocrine tumors of the digestive system
- Fine needle aspiration (FNA) in the characterization of pancreatic lesions

## **Prerequisites**

Anatomy and histology  
Physiology  
General Pathology

## **Teaching form**

Delivered with in-person oral lessons

## **Textbook and teaching resource**

Kumar V, Abbas A K, Aster J C; Robbins and Cotran Pathologic Basis of Disease Elsevier, 10th ed

## **Semester**

II semester, fifth year

## **Assessment method**

Assessment of learning will be integrated into the vertical tract exam (multiple choice questionnaire on the topics discussed during the lessons).

## **Office hours**

By appointment (mail).

## **Sustainable Development Goals**

QUALITY EDUCATION

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