UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Pathology

2425-5-H4102D043-H4102D145M

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