



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Histology

2324-1-I0302D003-I0302D009M

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#### Aims

The student will learn:

- To know and describe the structure and ultrastructure of the eukaryotic cell and correlate the morphology to the function of each organelle.
- To know and describe the structure and morpho-functional characteristics of human tissues.

#### Contents

The Histology Module provides the student with the essential theoretical knowledge of the ultrastructure of the eukaryotic cell and of the structure of the various tissues of the human organism.

#### Detailed program

##### Cytology

- General properties of eukaryotic cells;
- Cell membrane;
- Cytosol;
- Intracellular compartments, cytoplasmic organelles;
- Nucleus
- Cytoskeleton.

##### Histology

- Tissues: classification and methods of study;
- Epithelial tissue;
- Connective tissue;
- Adipose tissue;
- Cartilage;
- Bone;
- Smooth muscle, skeletal muscle, cardiac muscle;
- Nervous tissue;
- Blood.

## **Prerequisites**

## **Teaching form**

Lectures

## **Textbook and teaching resource**

Bani D. et al.: ISTOLOGIA per le lauree triennali e magistrali. Idelson Gnocchi

Adamo S. et al.: ISTOLOGIA per i corsi di laurea in professioni sanitarie. Piccin

Last editions

## **Semester**

First semester

## **Assessment method**

The evaluation of the student includes a written exam (evaluation in thirtieths) composed of:

- TEST WITH 15 CLOSED ANSWERS (Multiple choice)

## **Office hours**

Reception by appointment

## Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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