



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Istologia

2223-1-I0101D001-I0101D005M

Aims

The student must achieve the knowledge of the histological and anatomical bases essential for the study and understanding of the human anatomy.

Contents

The course aims to describe the organization of the human body; to explain how are cells and tissues organized to form organs and systems; to underline the functional correlations of micro- and macroscopic anatomy. The knowledge of the composition and organization of the different tissues is fundamental for an accurate study of the anatomy.

Detailed program

Structure, classification, localization and functions of: Epithelial Tissue: lining epithelium, glandular epithelium; Connective tissue: proper connective tissue, adipose tissue, cartilage, bone tissue (osteogenesis), blood and haemopoiesis; Muscle tissue: skeletal muscle, smooth muscle, cardiac muscle; Nervous tissue: neurons (cell body, dendrites, axons), structure of nerve fibers, synapses and nerve transmission, glial cells.

Prerequisites

Teaching form

During the Covid-19 emergency period the lessons will be held in mixed mode: partial presence of students in classrooms and asynchronous/synchronous videorecorded lessons.

Textbook and teaching resource

One of the following books: Istologia, Bani et al. Idelson-Gnocchi. Sorbona 2018; Elementi di Istologia, Adamo et al Piccin 2019; Anatomia Umana, F. H. Martini, R. B. Tallitsch, J. L. Nath Edizione VII/2019;

Semester

1st Year, 1st Semester

Assessment method

Written examination: multiple choice and open ended questions

Office hours

On appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
