

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Istologia

2122-1-I0301D003-I0301D009M

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 course provides students with the fundamental theoretical knowledge of histology with a view to their subsequent professional application. The following concepts will be examined: the cell structure, the morphofunctional characteristics of tissues; the organization of the human body and its macroscopic and microscopic structure

Detailed program

Cytology: General properties of eukariotic cells. Cell membrane. Cytosol, intracellular compartments, cytoplasmic organelles, nucleus and 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. Tooth tissues.

Prerequisites

| Teaching form |
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| Lectures and exercises. |
| Lessons in attendance, subject to any ministerial changes |
| Textbook and teaching resource |
| Sica G. et al.: ISTOLOGIA per le professioni sanitarie. Idelson Gnocchi |
| Adamo S. et al.: ISTOLOGIA per i corsi di laurea in professioni sanitarie. Piccin |
| Ten Cate. Istologia orale. Piccin |
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| Semester |
| First Semester |
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| Assessment method |
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| Multiple choice test. 15 questions (4 answers of which one is correct): 5 citology, 10 general histology |
| For each correct answer 2 scores will be assigned. |
| Oral exam on request. |
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Office hours

Exams in attendance, subject to any ministerial changes

By appointment

