UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Anatomia Microscopica

2627-1-H4602D001-H4602D00103

Aims

The objectives of the course are to provide expertise in human microscopic anatomy

Contents

The course includes the acquisition of the knowledge of the microscopic anatomy of human organs

Detailed program

Introduction for correct use of the light microscope. Overview of the morphological characteristics of the different tissues of human body.

Digestive system. Structure, organization and histology of: tongue, esophagus, stomach, small, large intestine, rectum.

Digestive glands. Structure, organization and histology of: liver, gallbladder, pancreas, salivary glands.

Endocrine system. Structure, organization and histology of: hypophysis, thyroid, parathyroid, adrenal glands.

Urinary system. Structure, organization and histology of: kidney, minor and major calyx, renal pelvis, ureters, bladder.

Respiratory system. Structure, organization and histology of: nose, larynx, trachea, bronchial tree (primary, secondary and tertiary bronchi, bronchioles, terminal and respiratory bronchioles, alveolar ducts and alveolar

epithelium), lung.

Female reproductive system. Structure, organization and histology of: ovary, fallopian tubes, uterus.

Male reproductive system. Structure, organization and histology of: testis, tubuli recti, rete testis, ductuli efferentes, epididymis, duct system, seminal vesicles, bulbourethral glands, prostate.

Lymphatic system. Structure, organization and histology of: thymus, lymph node, spleen, tonsil, lymphatic vessels.

Prerequisites

College-level scientific knowledge

Teaching form

The course includes frontal lectures (2 hours each, 10 hours in total), in presence, in Italian.

Textbook and teaching resource

Wheather, Istologia e anatomia microscopica, Ed. Masson
Junqueira, Istologia, Ed Piccin
Ross, Paulina, Atlante di Anatomia microscopica, Casa editrice ambrosiana
Ovalle, Anatomia microscopica del netter, CIC Edizioni Internazionali

Website on organ histology: Histology guide: http://www.histologyguide.org/index.html

Semester

second semester

Assessment method

The knowledge of microscopic anatomy will be assessed both during the written test and through an oral exam which will focus on the recognition of an histological specimen discussed during the lessons and exercises.
For the details, see the syllabus of "Anatomia, Istologia ed Embriologia Generali e dell'Apparato Stomatognatico".

Office hours

every day (mon-fri), upon appointment.
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Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY | REDUCED INEQUALITIES