UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Human Anatomy, Histology and Embriology of Stomatognathic Apparatus

2627-1-H4602D001

Aims

The student must have a general knowledge of cell structure and tissues, as well as a detailed knowledge of the normal anatomy of all the organs and structures that constitute the systems of the human body.

Contents

The course aims to provide students with theoretical knowledge to learn the macroscopic and microscopic organization of the organs and structures of the human body, their embryonic development and the pathological changes occurring in diseases.

Detailed program

See each module

Prerequisites

College-level scientific knowledge

Teaching form

Frontal and interactive lectures, practical laboratory activities, virtual dissections.

Textbook and teaching resource

Histology:
-Ross M.H. e Pawlina W. Istologia Testo e atlante. Casa Editrice Ambrosiana
-Di Primio et al., Istologia Umana, Casa Editrice Idelson-Gnocchi
-S. Adamo et al. Istologia di Monesi. Piccin. V

Histology and Embriology of Tooth:
-Ten Cate. Istologia Orale. Piccin

Embriology:
-Bertini et al., Embriologia umana. Casa Editrice Idelson-Gnocchi
-Moore, Perseaud, Torchia. Embriologia. L'essenziale. Piccin
-De Felici et al., Embriologia Umana, Piccin

Microscopic anatomy:
Wheather. Istologia e anatomia microscopica. Ed. Masson
Mescher AL. Junqueira, istologia di base: Testo e atlante. Piccin
Ross M.H, Pawlina W. Atlante di Anatomia microscopica. Casa editrice ambrosiana
Ovalle W.K, Nahimey P.C. Anatomia microscopica del Netter. CIC Edizioni Internazionali
Rezzani R, Rodella LF. Anatomia microscopica e diagnosi differenziale d'organo. EdiSES

Anatomy:
G. Barbatelli e altri autori. Anatomia Umana. Fondamenti. Con istituzioni di istologia. Edi-Ermes
G. Anastasi e altri autori. Trattato di Anatomia Umana (3 volumi). Edi-Ermes (ed)
“Prometheus” testo-atlante di Anatomia, II edizione, 3volumi
Standring S.. Anatomia del Gray – Le basi anatomiche per la pratica clinica – EDRA
Ellis H, Mahadevan V. Anatomia Clinica - Edizione italiana a cura di F. Cappello - Idelson-Gnocchi

for further reading on Nervous System:
Vercelli A. Boido M. Neuroanatomia funzionale - Idelson-Gnocchi - II edizione

Atlas:
Netter. Atlante di anatomia umana, Frank H. Netter, Editore: Edra
Anatomia umana. Atlante. Curatori: G. Anastasi, C. Tacchetti, Editore: Edi. Ermes

Semester

2nd term of the 1st year

Assessment method

Student learning will be assessed through a final exam administered at the end of the semester. The exam will include a comprehensive test covering key topics in Histology, and General Anatomy, with the exception of the Peripheral Nervous System.
The exam will have 45 multiple choice questions and an open-ended question about the central nervosus system. The open question is worth up to 5 points; for multiple choice questions, each correct answer is worth 0,6 points, each wrong answer or no date is worth 0 points, except for the question on the dental histology, for which wrong answer or no date worth -1 point. The test is overcome with a minimum score of 18/30, which gives access to the assessment of the knowledge of microscopic anatomy, by the identification of a histological slide, with a score ranging from -2 to +2 points.

Office hours

Mon-Fri, by appointment

Sustainable Development Goals

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