

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurophysiology

2425-1-I0202D149-I0202D141M

Aims

After completing this course, students will have acquired the knowledge and skills of the physiology of higher psychic functions,

Contents

NEUROPHYSIOLOGY: The synapses. The receptors. The proprioceptors. The sensory systems. The resting and action potential. The ion channels. Breathing.

Detailed program

NEUROPHYSIOLOGY

- ? The synapses
- ? The receptors
- ? The muscle-tendon proprioceptors
- ? The vestibular proprioceptors
- ? The sensory systems
- ? Somoestesic sensitivity

? Sight
? Hearing
? Smell
? Taste
? The resting and action potential
? The ion channels
? Breathing (respiratory system development and control of breath)
Prerequisites
Objectives of the course Bases of Movement
Teaching form
4 Lectures 2h/each, in presence and in italian.
Textbook and teaching resource
1. F. Baldissare, Fisiologia e Biofisica Medica, IV Ed., Poletto Ed., 2009
Samaatar
Semester
1st term
Assessment method
Written exam, integrated with the other teaching units: quizzes with multiple choice questions and an open question with brief answer.
Office hours

? Heat - pain sensitivity

By appointment

Sustainable Development Goals

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