Classes*

- **Nervous tissue**
  - Reminders about the essential components of the nervous tissue
  - Neurophysiology
    - The different membrane potentials of a neuron
    - Synapse and synaptic transmission

- **Sensory physiology**
  - Generalities about sensory messages
  - Somatic sensitivity or somesthesia
    - Tactile sensitivity
    - Thermal and algetic sensitivity
    - Proprioception
  - Sensory sensitivity
    - Vision
    - Hearing and balance
    - Olfaction and gustation

- **Motor physiology**
  - Striated skeletal muscles
  - Anatomy and histology of skeletal muscle
    - Muscle contraction
    - Properties of skeletal muscles
  - Motility
    - Spinal reflexes
    - Functioning of striated bodies
    - The cerebellum
    - The study of somatic motility

- **The vegetative or autonomous nervous system**
  - Sensory components of the vegetative nervous system
  - Sympathetic efferent division
  - Parasympathetic efferent division
  - The enteric nervous system
  - Central control of vegetative functions
  - Neurotransmission in the vegetative nervous system
  - The effects of the vegetative nervous system on the different target organs and major functions
    - On the eye
    - On the gastrointestinal tract and accessory glands of the digestive tract
    - On the cardiovascular functions
    - On the lungs and bronchi
    - On the bladder
    - Other effects of the vegetative nervous system

- **Examples of complex brain functions**
  - Sleep and wakefulness
  - Memory

Practical works*

- Nervous tissue
- Somatic sensitivity or somesthesia
Motility
The effects of the vegetative nervous system on the different target organs and major functions

* Classes (all students in amphitheater), Practical works (smaller groups of students in order to study in adapted practical rooms/laboratories).

Assessment

Final exam about classes.
Continuous assessment for the practical works with report writings, oral presentations and/or lectures. Attendance to practical works needs to be approved.

Contact

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