

NEUROLOGY

[in OPTIONAL COURSES]

Course ID: MED/26

ECTS: 2

1st Year: 2nd semester

Teacher: PROF. SANCESARIO Giuseppe

Objectives: The aim of this course is to introduce the students to the basic principles on the brain control of the body functions and healthy behavior. Special emphasis will be given to the following topics. Motivation and reward. Circadian rhythms. Central control of food intake. Central control of water intake and body fluid. Central control of autonomic functions: 1) the sympathetic division organized to mobilize the body activity; 2) the parasympathetic division organized for energy conservation. Neural control of breathing. Neural control of hearth.

Program:

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Textbooks

Fundamental Neuroscience – Academic Press

Exam method: oral exam