



COURSE DEFINITION	Year: 1 code : A1- 04
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Head of department :
M. JL.Darques
Teacher(s) :
M. G.Fumelli

ECTS : 1,5

Hours credit: 16

Distribution
number CM : 16
number TP :
number TD :

Type :
CM

Evaluation:
MCQ
SEMESTER

Language : French
Documentation: YES

Courses objectives :
In the central and peripheral nervous systems, study of the structure of nerve cells and glial cells and their different functions in the somatic and vegetative nervous systems

Bibliography :
Hammond; Purves et al.; Tritsch D. et al. Ed.; Marieb 2ème ed. (DeBoeck); Meyer. (Ed.Flammarion)

Content :

- 1/ The nervous and endocrine systems
- 2/ Mode of action of the nervous system
- 3/ Major divisions of the nervous system
- 4/ Nerve cells: the neurons
- 5/ The nerves
- 6/ Grey matter and white matter
- 7/ Polarization of the neuron membrane
- 8/ Action potentials
- 9/ Propagation of action potentials
- 10/ Synaptic transmission
 - Transmission in the peripheral nervous system
 - Synaptic transmission in the central nervous system