### Testi del Syllabus

**Resp. Did.** FLORIO CHIARA  
**Matricola:** 004090

**Docenti**  
- CELEGHINI CLAUDIO, 3 CFU  
- FLORIO CHIARA, 3 CFU  
- STOCCHI GABRIELE, 1 CFU

**Anno offerta:** 2017/2018  
**Insegnamento:** 779SM - NEUROANATOMIA E NEUROFARMACOLOGIA  
**Corso di studio:** SM54 - NEUROSCIENZE

**Anno regolamento:** 2017  
**CFU:** 7  
**Settore:** BIO/16  
**Tipo Attività:** B - Caratterizzante  
**Anno corso:** 1  
**Periodo:** Annualità Singola  
**Sede:** TRIESTE

### Testi in italiano

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### Obiettivi formativi
The aim of the part 1 is to provide students with a basic understanding of the structural organization of the human central nervous system in sufficient depth to form the basis for further clinical or research studies of the nervous system. The purpose of the parts 2 and 3 is to provide robust basis of Neuropharmacology, discussing the principles at the basis of the pharmacokinetic, pharmacodynamic and pharmacogenomic properties of the drugs, particularly of those acting at the peripheral and central nervous system.

### Prerequisiti
Part 1: Knowledge of the fundamentals of cytology, biology, histology. Parts 2 and 3: Basic knowledge of intracellular signal transduction pathways and synaptic transmission.

### Metodi didattici
Frontal lectures

### Altre informazioni
Computer-aided teaching material will be supplied.

### Modalità di verifica dell'apprendimento
Students are required to take a final oral examination. Regarding parts 2 and 3, verification of learning consists in the discussion of three issues, one for each main topic (Pharmacokinetic, Pharmacodynamic and Pharmacogenomic).

### Programma esteso


Part 3 (Prof. Gabriele Stocco): Pharmacogenomics. Elements of human genetic variation - basis on genetic variants affecting protein function and epigenetic effects of pharmacological relevance.


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