Testi del Syllabus

Resp. Did.	**BATTAGLINI PIERO PAOLO**	**Matricola: 003861**

Docenti	**BALLERINI LAURA, 2 CFU** **BATTAGLINI PIERO PAOLO, 3 CFU** **TORRE VINCENT, 2 CFU**
Anno offerta:	**2016/2017**
Insegnamento:	**898SM - NEUROFISIOLOGIA INTEGRATIVA**
Corso di studio:	**SM54 - NEUROSCIENZE**
Anno regolamento:	**2016**
CFU:	**7**
Settore:	**BIO/09**
Tipo Attività:	**B - Caratterizzante**
Anno corso:	**1**
Periodo:	**Secondo Semestre**
Sede:	**TRIESTE**

Testi in italiano

Lingua insegnamento	Inglese
Contenuti (Dipl.Sup.)	Spinal reflexes and their control from higher structures in the brain. Visuo-motor integration and the role of parietal and prefrontal cortices
Testi di riferimento	Squire et al., Fundamental Neuroscience, Academic Press
Obiettivi formativi	This part of the course will focus on main principles of sensory-motor integration. Students will learn to consider sensory and motor systems as a functionally unique apparatus devoted to the interaction with the external world.
Prerequisiti	Knowledge of the anatomy of the central nervous system
Metodi didattici	Frontal lessons
Modalità di verifica dell'apprendimento	Written answers (True/False) to questions at the end of the course and oral exam (optional)
Programma esteso	Sensory-motor integration. Spinal reflex functions, somestesia, properties, organization and specializations of the cerebral cortex. Cortical and sub-cortical organization of voluntary movements. Parietal lobes and movements: visual-motor functions and their integration in relation to the surrounding space.

Testi in inglese

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