



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP22_DIP_NEU

Visiting Professor Program Academic year 2021/2022

DEPARTMENT OF NEUROSCIENCES

TEACHING COMMITMENT: 20 hours

COURSE TITLE

Innovative and Experimental Therapies in Movement Disorders

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Neurology

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

New therapies for the treatment of Parkinson's disease and other Movement Disorders (atypical parkinsonisms, dystonia, tremors).

Experimental therapies for the treatment of Movement Disorders (gene therapy, cellular therapies, new modalities of deep brain stimulation).

LEARNING OBJECTIVES

Translational and clinical knowledges on new treatments of Movement Disorders.

From basic science to translational research and clinical application.

Methodology of clinical trials for experimental therapies.

Knowledge of principles of neuromodulation.

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

N/A

OTHER ACTIVITIES BESIDES THE COURSE

N/A

VISITING PROFESSOR PROFILE

A Neurologist, expert in Movement Disorders, with a strong academic background on advanced therapeutic options for Parkinson's disease, dystonia and tremor disorders. In particular, deep brain stimulation (DBS), focused ultrasounds (FUS), gene therapy, enteral and sub-cutaneous infusion therapies, and other advanced therapeutic procedures such as the treatment of dystonia and other movement disorders with botulin toxin under electromyographic guidance. The high academic standing must be clearly documented by peer-reviewed scientific publications in international medical journals, regular engagement as speaker at national and international meetings, as well as by current activity as investigator in clinical trials and research studies.

CONTACT PERSON AT THE DEPARTMENT

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