UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Principi e Applicazioni della Genetica Medica nei Deficit Neuropsicologici

2223-2-004P002003

Learning objectives

The course aims to provide basic notions on current knowledge of the role of epigenetics in the development of pathologies of psychological interest and the use of innovative experimental models. Examples of applications will be provided.

Contents

Contents:

1. Epigenetics and epigenome: correlated mechanisms and implications at the neuropsychological level
2. Role of non-coding RNA in deficits related to neurodegenerative diseases
3. Applications related to the generation and characterization of innovative in vitro and in vivo models for the study and treatment of neuropsychological deficits
4. Genome editing and examples of its applications

Textbooks and Reading Materials

Material published in elearning.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING