

Genetics and Epigenetics of Multifactorial Diseases

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Effectives: 30

Language: English

Prerequisites: the same as the M2 Genetics

Where?

Paris-Rive Gauche site

When?

17-21 October 2022

Evaluation:

One terminal exam

Questions:

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Number ECTS: 3

Total numbers of hours:

35h

Teaching format:

Conferences

Teaching objectives

The aim of this course is to provide up-to date knowledge and strategies in analysis the genetic component of complex disorders.

Teaching outline

Research performed on several multifactorial diseases provide examples for different concepts: epigenetic alterations in human diseases (pediatric cancers, ICF syndrome,...) and genetic alterations (Crohn disease, psychiatric disorders,...). The complex interaction between inheritance and environment, and an overview of the impact of current research on clinics, are discussed for each of the disorders covered during this course.