



Direzione Ricerca,
Innovazione e
Internazionalizzazione

**UNIVERSITÀ
DI TORINO**

ID

VP_002_BIOS

Visiting Professor Program Academic Year 2025/2026

TEACHING COMMITMENT: 12 hours

COURSE TITLE

Epigenetic Modifications and Alterations in Diseases and Cancer

TEACHING PERIOD

II semester

SCIENTIFIC AREA

Molecular Biology

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

The course is about:

- Epigenetic regulation and crosstalk;
- The involvement and the changes of components of these mechanisms in human diseases;
- The primary analytical methods in genomics, epigenomics and transcriptomics in human diseases.

LEARNING OBJECTIVES

The students will learn:

- Which are the principal epigenomic aberrations leading to human diseases.
- How information can be obtained from genomic and epigenetic studies, to understand the molecular mechanisms associated with diseases and how this knowledge can be used to develop a potential therapeutic strategy.

OTHER ACTIVITIES BESIDE THE COURSE

VISITING PROFESSOR PROFILE

The Visiting Professor should have these characteristics:

- English Speaking
- Research Experience in foreign University/Institute on the topics of the course for at least 3 years
- Teaching Experience in foreign University/Institute on the topics of the course for at least 3 years.

CONTACT REFERENT

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