UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Novel models for diagnosis and treatment of patients: the example of liver diseases

2627-121R-011

Title

Novel models for diagnosis and treatment of patients: the example of liver diseases

Teacher(s)

Prof. Massimiliano Cadamuro

Language

English

Short description

Using liver diseases as a model, the course aims to describe how new technologies (three-dimensional cell cultures, NGS, planar transcriptomics, advanced murine models) can be utilized for the identification of new mutations, signaling pathways, and actionable therapeutic targets. These approaches are increasingly fundamental for the pharmacological screening of new compounds, for diagnosis, and for patient stratification based on these novel investigative methods. This approach, which integrates advanced biotechnological techniques and medicine, will, in the near future, serve as the foundation for the development of new personalized therapeutic strategies

tailored to the treatment of individual patients".

CFU / Hours

1 CFU / 8 hours

Teaching period

Monday, 19 April and Monday, 26 April, from 9:00 a.m. to 1:00 p.m.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING