UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Genetics II

2223-1-H4102D002-H4102D009M

Aims

Understand the methods employed in genetic analysis and their applications both within families and in the general population.

Contents

Learning of the most common molecular biology techniques

Detailed program

In this part students will perform "hands on" laboratory work. In particular they will learn:

DNA or RNA extraction

PCR and agarose gel electrophoresis

(Note: activities in attendance, subject to any ministerial changes following the COVID pandemic situation)

Prerequisites

Basic sciences (chemistry, physics)

Teaching form

Laboratory work

Textbook and teaching resource

Thompson & Thompson Genetics in Medicine, 8e, 2015, reviews

Semester

Second semester

Assessment method

Evaluation of the lab performance

Office hours

By appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING