UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Genetics II

1920-1-H4102D002-H4102D009M

Aims

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

Contents

Laws of heredity and the processes involved in the generation of phenotypic diversity.

Detailed program

How to draw and analyze a pedigree.

Calculate recombination frequencies.

Use of molecular biology techniques to evaluate genetic diversity.

Prerequisites

Basic sciences (chemistry, physics)

Teaching form

Group discussion

Laboratory work

Textbook and teaching resource

Thompson & Thompson Genetics in Medicine, 8e, 2015

Semester

Second semester

Assessment method

Oral examination on the subjects taught during the lectures

Discussion on further subjects (part of the program) not exhaustively discussed in class

Office hours

By appointment