



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Patologia Genetica

2021-2-H4101D255-H4101D029M

Aims

The course aims to provide the student with the necessary tools for understanding the pathological mechanisms of genetic diseases

Contents

Genetic and molecular genetic pathology

Detailed program

Classification of genetic diseases. Monogenic diseases. Genotype-phenotype correlations. Exceptions to Mendelian inheritance: triplet diseases and mitochondrial diseases. Epigenetics and diseases: imprinting and inactivation of X and pathological implications. Oligogenic and multifactorial inheritance.

Prerequisites

Basic knowledge of heredity, of the structure of chromosomes and genes and of the regulatory mechanisms carried out in the preparatory courses of the degree course in medicine and surgery

Teaching form

Due to the restrictions imposed by the Covid-19 pandemic, the lessons will be recorded on the Kaltura platform and made available on the site. In case of return to normality, the usual frontal lessons will be held.

Textbook and teaching resource

Related bibliographic indications will be provided

Semester

second semester II year

Assessment method

Multiple choice questions for the assessment of knowledge. A short oral question may be held at the discretion of the teacher if really needed. Any possible changes will be defined according to the evolution of the Covid-19 pandemic

Office hours

by appointment upon motivated request to be sent to the e-mail address of the teacher
