UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Genetic Pathology

1920-2-H4101D255-H4101D029M

Aims

The primary goal of the course is to provide the students with the necessary tools to understand the pathological mechanisms of genetic diseases

Contents

Genetic pathology and molecular pathology

Detailed program

Mechanisms of genetic diseases. Classification of human diseases. Monogenic diseases. Genotype -Phenotype correlation. Excpetions to mendelian inheritance: mitochondrial disease anddiseases of unstable repeat expansion. Epigenetic and imprinting defects. X inactivation mediated diseases. Complex diseases.

Prerequisites

propaedeutic courses

Teaching form

lectures

Textbook and teaching resource

material provided by teacher

Semester

second semester second year

Assessment method

multiple choice test for knowledge assessment; possible oral examination

Office hours

by appointment by mail request