



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Patologia Genetica

1718-2-H4101D255-H4101D029M

Aims

The primary goal of the course is to provide the students with the necessary tools to understand the fundamental biological defence and pathological mechanisms of the immune system; to understand the aetiology and pathogenesis of human disease, and to acquire the basic notions to deal with functional problems.

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

Assessment method

multiple choice quizzes. Eventual oral examination.

Office hours

by appointment by mail request
