



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Patologia Genetica

1819-2-H4101D255-H4101D029M

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#### 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. possible oral examination.

## **Office hours**

by appointment by mail request

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