



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Medical Genetics

2223-1-K0101D004-K0101D016M

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#### Aims

Illustrate examples of recent research advances in the field of medical genetics, critically evaluate methods and results.

Reflect on the implications for nursing research and practice.

#### Contents

Examples of recent developments in medical genetics research.

Methods and tools used in medical genetic research.

Implications for future research in the field of medical genetics.

#### Detailed program

The clinical protocol for the treatment of acute lymphoblastic leukemia as an integrated model of personalized and precision medicine. Role of biology and response to therapy. Possible implications for the nurse and the obstetrician.

Prenatal origin of leukemia: knowledge, experimental models and possible implications for the nurse and the obstetrician.

Predisposition to cancer. Knowledge, how to recognize it, what implications for the nurse and the obstetrician.

## **Prerequisites**

basic knowledge of genetics and laboratory biology

## **Teaching form**

Frontal lessons

## **Textbook and teaching resource**

Material provided by the teacher: slides, articles

## **Semester**

second semester

## **Assessment method**

## **Office hours**

on demand, by email

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | GENDER EQUALITY

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