UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Pathology and Immunology

2425-2-H4101D255

Aims

At the end of the course, students will have acquired the knowledge of the molecular and cellular basis responsible for the pathogenetic mechanisms underlying the most common pathologies, also in a gender perspective. The course also includes a part of genetic pathology focused on understanding the basis of genetic diseases in humans and a part of immunology for understanding the pathologies of the immune system.

Contents

- Molecular and cellular basis responsible for the pathogenetic mechanisms underlying the most common pathologies.
- Bases of genetic diseases in humans.
- Molecular and cellular basis of the immune system.

Concepts and topics of relevance for gender medicine will be highlighted in the modules.

Detailed program

The extended course program is detailed in the Genetic Pathology and General Pathology and Immunology modules.

Prerequisites

Human Physiology

Teaching form

Face-to-face lectures of 2 hours in delivered didactics (DE). 12 hours of exercises.
For Genetic Pathology module, clinical cases with DNA sequencing analysis simulation.

Textbook and teaching resource

The teaching resources are detailed in the Genetic Pathology and General Pathology and Immunology modules

Semester

Second year, second semester

Assessment method

The exam includes an ongoing written test with 60 multiple choice questions on Immunology and Immuno-pathology.
Genetic Pathology module foreseen a written exam with 10 multiple choice questions.
Remaining topics will be evaluated through an oral exam to evaluate the degree of knowledge achieved by the student.
The evaluation will be overall for the Pathology modules.

Office hours

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Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY | REDUCED INEQUALITIES