



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

General Pathology

2021-1-I0201D127-I0201D034M

Aims

The course is intended to provide students with fundamental concepts on pathology relevant for their __

Contents

Homeostasis and disease. Etiology and pathogenesis: disease-causing agents. Acquired and _____

Detailed program

• General Pathology. Etiology. Pathogenesis. Concept of homeostasis and disease. Onset and course of disease. Acute and chronic diseases. General etiology. Physiological and pathological predisposing factors.

• Causes of disease. Physical causes, chemical causes, biological causes: bacteria, viruses, protozoa, fungi, metazoans. Virulence. Pathogenicity. Transmission of infections. Spread of infectious agents. Pathogenic action.

• General properties of the immune system. Innate immunity and adaptive immunity. The cells of the immune system. The soluble mediators. Antigens. The immune response

• Acute and Chronic Inflammation. Phases of the inflammatory process. Chemical mediators. The cells of inflammation.

• Pathophysiology of thermoregulation. Generalities. Thermogenesis: basal metabolism, regulation of thermogenesis. Termodispersion. Alterations in body temperature. Not fever Hyperthermia. Fever Hyperthermia:

pathogenesis, course, types of fever.

• Cellular homeostasis disorders. Atrophy, hypertrophy, metaplasia, dysplasia, cellular anaplasia. Cell injury and death. Oncology.

Prerequisites

None

Teaching form

Lectures and e-learning.

Textbook and teaching resource

Semester

First year, I semester

Assessment method

Test with multiple choice.

Office hours

By appointment (email request)
