UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Pharmacology

1920-3-H4102D020-H4102D065M

Aims

1) To know the most used hematological drugs

2) To understand the principles underlying hematologic therapy

To identify and correctly solve the complex problems related to the use of hematological drugs in clinical practice

Contents

1) classification of the most used hematological drugs: anti-anemic drugs and hematopoietic growth factors; anticoagulants and antiplatelet agents; anti-hemorrhagic drugs; lipid-lowering drugs.

2) ADME and mechanisms of actions

3) cellular, biochemical and molecular bases of the action of hematological drugs and their interactions within the human body

4) therapeutic uses

5) advantages and disadvantages of their therapeutic use

analysis of some clinical cases

Detailed program

1) classification of the most used hematological drugs: anti-anemic drugs and hematopoietic growth factors; anticoagulants and antiplatelet agents; anti-hemorrhagic drugs; lipid-lowering drugs.

2) ADME and mechanisms of actions

3) cellular, biochemical and molecular bases of the action of hematological drugs and their interactions within the human body

4) therapeutic uses

5) advantages and disadvantages of their therapeutic use

analysis of some clinical cases

Prerequisites

Basic Pharmacology course

Teaching form

lessons and small group activities

Textbook and teaching resource

to be defined

Semester

second term

Assessment method

knowledge assessment with an integrated exam

Office hours

on appointment by email