

SYLLABUS DEL CORSO

Genetica

1920-1-I0202D133-I0202D005M

Aims

The course aims at developing the students' understanding of the basic concepts in genetics

Contents

GENETICS: The chromosome. Cell division. Errors in chromosome mechanics. Fertilization. Inheritance and Mendel's Laws. The transmission of genes.

Detailed program

GENETICS

- ? The chromosome. Function and architecture
- ? Cell division for cell growth and reproduction (mitosis and meiosis)
- ? Errors in chromosome mechanics
- ? Fertilization
- ? Inheritance and Mendel's Laws
- ? The transmission of genes / of mendelian diseases in human trees
- ? Normal and pathological human karyotype.

Prerequisites

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Teaching form

Lectures

Textbook and teaching resource

Slide lecture of the teacher

Semester

First Semester

Assessment method

Written exam: quizzes with single / multiple choice and open questions with brief answer. Final oral exam at the discretion of the teacher or on the student's proposal regarding the project

Office hours

You receive by appointment by email request
