UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Chemistry and Propaedeutic Biochemistry II

2425-1-H4102D006-H4102D017M

Aims

Chemistry and Propaedeutic Biochemistry II : Practical laboratory activities useful for medical students.

Contents

Chemistry and Propaedeutic Biochemistry II : To learn basic practical laboratory activities useful for medical students, including basic knowledge and practical aspects of clinical proteomics.

Detailed program

Chemistry and Propaedeutic Biochemistry III : To become acquainted with safety rules for laboratory activities. To learn basic activities useful for medical students, such as: prepare solutions, measure the pH, modify the pH, prepare buffers, make correct aliquots and make dilutions. To learn basic knowledge and practical aspects of protein identification strategies and of tissue molecular imaging done by mass spectrometry oriented to clinical applications.

Prerequisites

Knowledge of Chemistry, Biology and Biochemistry.

Teaching form

Teaching method in-person (3 hours) and in remote asyncronous mode (27 hours) for providing both lessons and exercises of Chemistry and Propaedeutic Biochemistry II

Textbook and teaching resource

All required material is available in e-learning and among the materials covered during the lessons.

Semester

First semestre

Assessment method

Chemistry and Propaedeutic Biochemistry II: Participation will be evaluated through online activities, published on the e-learning platform, which will cover the aspects covered within the laboratory and related to the additionaol material present on e-learning.

Office hours

Upon appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING