



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Chemistry and Propaedeutic Biochemistry II

2324-1-H4102D006-H4102D017M

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#### 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 II : 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

The attended Chemistry, cell biology and propedeutical biochemistry courses.

## **Teaching form**

Chemistry and Propaedeutic Biochemistry II : Laboratory activity and lectures done during the Clerkship.

## **Textbook and teaching resource**

## **Semester**

First semester

## **Assessment method**

Chemistry and Propaedeutic Biochemistry II : Assignments will be given based on discussion of the laboratory activity.

## **Office hours**

Upon appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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