



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Chemistry and Propaedeutic Biochemistry II

1718-1-H4102D006-H4102D017M

Aims

Practical laboratories activities useful for medical students

Contents

To learn practical laboratories activities useful for medical students including basic knowledge and practical aspect of the proteomics.

Detailed program

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 aliquotations, make dilution. To perform basic protein analysis by electrophoresis and western blot. To learn basic knowledge and practical aspect of the protein identification and of tissue molecular imaging done by mass spectrometry oriented to clinical applications.

Prerequisites

Chemistry, cell biology and propedeutical biochemistry course attended

Teaching form

Laboratory activity and lectures done during the Clerkship

Textbook and teaching resource

Semester

First semester

Assessment method

Assignments will be given and carried on under the supervision of the teacher based on discussion during the laboratory activity.

Office hours

on appointment.
