UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Training Ia

2122-1-I0302D042-I0302D059M

Aims

- To know and apply security and auto protection rules. Respect for privacy laws.
- To know how to perform biological samples identification, validation, and check-in.
- To know how to perform the pre-analytical treatment of samples.
- To know how to prepare reagents for the analytical phase, with particular attention to their expiry dates, storage, re-suspension and warehousing.
- To know how to use pipette, centrifuges, microscopy.
- To know how to store biological samples.
- To know how to collect, manage and separate wastes.

Contents

The goal of the course is to provide students with the practical skills to understand auto protection and privacy rules, to manage the preanalytical phase (samples identification, collection, storage, transport and treatment), to use the basic laboratory instrumentation, to prepare reagents and to correctly dispose of waste.

Detailed program

- Security and auto protection rules. Respect for privacy laws.

- Biological samples identification, validation, and check-in.
- Preanalytical treatment of samples. Preparation of reagents for the analytical phase, with particular attention to their expiry dates, storage, re-suspension and warehousing.
- Pipette, centrifuge, microscopy use.
- Biological sample storage.
- Separate waste collection and management.

Prerequisites

Teaching form

Traineeship

Textbook and teaching resource

Semester

Second semester first year

Assessment method

- The student prepares a written report;
- the tutor fill in a specific form;
- the final evaluation is given during an oral examination.

Office hours

By appointment required by mail.