UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Microbiology:methods and Techniques

2122-2-I0302D009-I0302D032M

Aims

To provide basic knowledge of diagnostic techniques of clinical microbiology

Contents

Student’s skills:

- Collection, transportation and treatment of biological samples.
- Techniques of culture, identification, interpretation.
- Quality controls: CQI and VEQ in Clinical Microbiology lab.
- Alert study, infectious diseases and nosocomial infections.
- The biological risk in Microbiology lab.

Detailed program

Collection, transportation and treatment of biological samples. Techniques of culture, identification, interpretation.

Quality controls: CQI and VEQ in Clinical Microbiology lab.

The biological risk in Microbiology lab.

Prerequisites

Teaching form

Lectures.

Textbook and teaching resource

E. W.Koneman, S.D.Allen, W.M.Janda, Introduzione alla Microbiologia, Antonio Delfino Ed.

Download SOPs of Health Protection Agency, from website: http://www.hpa-standardmethods.org.uk/pdf_sops.asp

AMCLI Percorsi diagnostici

EUCAST www.eucast.org

Semester

First semester

Assessment method

Written test, based on 25 multiple choice test and on 2 open questions.

Office hours

On appointment requested by mail