



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Antibioticoterapia: un Approccio Scientifico Ragionato

2526-4-H4101D371

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#### Aims

Knowledge of fundamental principles of antimicrobial therapy.

#### Contents

The advent of antimicrobial drugs has significantly reduced mortality from infectious diseases, but their indiscriminate use has been associated with the increasingly frequent emergence of antimicrobial resistance. The spread of antibiotic resistance is currently considered one of the emerging epidemiological problems and represents a global health emergency in all respects. Attending the course will enable participants to learn the main criteria that should guide the development of a rational, empirical and targeted antibiotic therapy.

#### Detailed program

Principles for the proper use of antibiotic therapy.  
Antibiotic therapy for GRAM + and GRAM - bacteria,  
Antibiotic therapy in critical patients, practical exercises.  
Correct interpretation of the antibiogram.

#### Prerequisites

From 4th year of Medical School.

## **Teaching form**

Lecture, exercise on case report and antibiotic essay.

## **Textbook and teaching resource**

Mandell: Infectious Diseases; Moroni: Malattie Infettive.

## **Semester**

Second semester; February-March.

## **Assessment method**

Final test.

## **Office hours**

By appointment, arranged by e-mail: [paolo.bonfanti@unimib.it](mailto:paolo.bonfanti@unimib.it)

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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