

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

### **COURSE SYLLABUS**

## **Antimicrobial Therapy: a Behavioural Scientific Approach**

2425-4-H4101D371

#### **Aims**

Knowledge of fundamental principles of antimicrobial therapy.

#### **Contents**

Antibiotic therapy has dramatically reduced mortality for infectious diseases. However, extended use of antibiotics has raised antibiotic resistance, especially for some pathogens spreading in the hospitals.

Antibiotic resistance is one of the most important emerging global threat, according to WHO.

### **Detailed program**

Antimicrobial therapy for GRAM + e GRAM- bacteria; Antimicrobial therapy in critical patient; pratical exercise. Interpretation of susceptibility antimicrobial test.

### **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

### **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING