



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Fondamenti della Ricerca Biomedica

2223-1002-1

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#### **Titolo**

FUNDAMENTALS OF BIOMEDICAL RESEARCH

#### **Docente(i)**

- Francesca Patarnello
- Maria Grazia Valsecchi
- Elia Biganzoli
- Davide Paolo Bernasconi
- Clelia di Serio

#### **Lingua**

English

#### **Breve descrizione**

#### **COURSE OBJECTIVES**

To provide a solid understanding of the fundamental principles of biomedical research.

#### **TOPICS**

- The importance of the method in clinical research - 1h Francesca Patarnello
- The importance of data quality - 9h Maria Grazia Valsecchi
  
- Challenges in clinical research - 2h Elia Biganzoli
  
- Introduction to R - 3h Davide Paolo Bernasconi
- Clinical research and big data - 1h Clelia di Serio

## **CFU / Ore**

2/16

## **Periodo di erogazione**

- April 5th (1h) 18.00-19.00 Patarnello - Streaming
  - April 8th (3h) 17.00-20.00 Valsecchi - Streaming (17.00-19.00)
  - April 9th (3h) 10.00-13.00 Valsecchi - Streaming (10.00-12.00) + homework (12.00-13.00)
  - April 13th (3h) 17.00-20.00 Valsecchi - Streaming (17.00-19.00) + homework (19.00 - 20.00)
  - April 15th (2h) 17.00-19.00 Biganzoli - Streaming
  - April 27th (2h) 17.00-19.00 Bernasconi - Pre-recorded video
  - April 29th (1h) 17.00-18.00 Di Serio - Streaming
  - April 29th (1h) 18.00-19.00 Bernasconi - Streaming
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