UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Fundamentals of Biomedical Research

2223-1002-1

Title

FUNDAMENTALS OF BIOMEDICAL RESEARCH

Teacher(s)

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

Language

English

Short description

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 / Hours

2/16

Teaching period

- 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