UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Clinical Research in Oncology: From Bench To Bedsite

2324-5-H4101D383

Aims

This elective course aims to train students on the different methodologies and objectives of applied clinical research in the field of cancer. In particular, the areas relating to laboratory and clinical research, and the different types of clinical studies on humans will be explored, with a focus on phase 1 studies; finally, students will compete in an educational laboratory to implement a draft of Phase 1 clinical study in two oncological areas. The objective of the course is also to enable students to acquire the following skills: to be able to critically interpret data from major studies in the field of oncology.

Contents

- In vitro and in vivo studies.
- Phase 1 clinical trials and conducting:
- The figures involved in the research

Detailed program

- In vitro and in vivo studies: which objectives and for what purpose (Dr. Nicoletta Cordani - Dr. Maria Grazia Cerrito) 1 hour
- Phase 1 clinical studies: which objectives and which information (Prof. Marina Elena Cazzaniga) 1 hour
- Conducting clinical trials in hospitals: the figures involved (Dr. Edoardo Mauri - Dr. Olga Trevisi - Dr. Serena Capici) 1 hour
- Promoter and CRO (BICRO) (Dr. Silvia Mori) 1 hour
- How to do research and how to read the literature (Prof. Marina Elena Cazzaniga) 1 hour
- Didactic laboratory: build a draft of a research project on a specific thematic area (breast, ovary) (Prof.

Marina Elena Cazzaniga, Dr. Serena Capici, Dr. Stefania Canova) 5 hours.

Prerequisites

Having attended the Onco-hematological vertical track.

Teaching form

- frontal lesson
- educational workshop

Textbook and teaching resource

- Slides
- Articles

Semester

Second.

Assessment method

Implementation, during the teaching laboratory, of the plant or draft development of a study, including the preclinical part.

Office hours

Monday, 17.00 / 18.00

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING