

## SYLLABUS DEL CORSO

### **Endocrinology and Cancer**

**2425-3-H4102D092**

---

#### **Aims**

The main goal of the course is to explore the close relationship between cancer and the endocrine system. The student will be able to understand how genetic traits regulating the activity of endocrine organs as well as the exposure to environmental factors interfering with the hormonal balance can influence the risk of cancer.

Moreover, an insight on the effect of cancer therapies on hormonal homeostasis, associated with development of endocrinological disease, will be provided.

#### **Contents**

Endocrine-related cancers.

Cancer of the endocrine system.

Endocrinological adverse events (AEs) of cancer treatment

#### **Detailed program**

- Hormonal induced carcinogenesis
- Endocrine disruptors and cancer
- Hypercalcemia of malignancy
- Neuroendocrine tumors
- Multiple endocrine neoplasia
- Endocrinological AEs of cancer immunotherapy and thyrosin-kinase inhibitors (TKIs).

- Cancer-treatment induced bone loss (CTIBL)

## **Prerequisites**

Propaedeutic skills

## **Teaching form**

Frontal lectures

Clinical case discussion

All course activities will be held in English language

## **Textbook and teaching resource**

## **Semester**

2nd semester

## **Assessment method**

- Oral examination on the topics covered during the lectures, discussion on clinical problem solving and clinical Case analysis
- All assessments will be done in English language

## **Office hours**

To get an appointment, please contact the teachers by e-mail:

Prof. Roberto Trevisan, e-mail [roberto.trevisan@unimib.it](mailto:roberto.trevisan@unimib.it)

Dr. Alessandro Rossini , e-mail [arossini@asst-pg23.it](mailto:arossini@asst-pg23.it)

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY

---