UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Endocrinology and Cancer

2122-3-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
- Neuroendocrine tumors

- Multiple endocrine neoplasia
- Thyroid cancer
- Adrenal cancer
- Endocrinogical 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

In the event of pandemic emergency period, the lectures and clinical case/problem discussions will be held remotely by synchronous online videoconference or recorded video lectures available on demand

All course activities will be held in English language

Textbook and teaching resource

Semester

Assessment method

- Multiple choice test with only one correct answer aimed at evaluating global comprehension of course program. Each correct answer is scored 1.

- 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:

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