



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Oncologia Medica

2021-5-H4101D268-H4101D196M

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#### Aims

The lectures have the objective to provide students with the key elements of medical oncology. During the 5th year the following topics will be presented:

Lessons aim to provide students with oncology key elements, such as:

- Prevention and lifestyles (how smoking habits, obesity and alcohol consumption can be a risk factor for cancer onset)
- mechanisms of action of the main drugs used in clinical practice (chemotherapy, immunotherapy, biologic therapy)
- communication and relational aspects in approaching oncologic patients;

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#### Contents

Oncology key elements

interpersonal aspects of the approach to oncologic patients

## Detailed program

During the V<sup>th</sup> year these topics will be presented:

1. lung cancer (epidemiological aspects, etiology, pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)
2. pleural mesothelioma (epidemiological aspects, etiology, pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)
3. [esophageal-gastric junction](#) cancer (epidemiological aspects, etiology, pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)
4. Renal cancer (epidemiological aspects, etiology, pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)
5. Head and neck cancer (epidemiological aspects, etiology, pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)

## Prerequisites

Student must be knowledgeable about molecular and cellular biology, which are strictly connected to oncologic diseases.

## Teaching form

Lectures will be performed asynchronously, while the discussion of clinical cases will be done synchronously.

## Textbook and teaching resource

DeVita, Hellman, and Rosenberg's cancer : principles & practice of oncology ediz. 2018

*ed in formato elettronico:*

Linee guida AIOM 2019 per ogni patologia <https://www.aiom.it/linee-guida-aiom/>

Linee guida ESMO 2020 <http://interactiveguidelines.esmo.org/esmo-web-app/home/>

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## **Semester**

Fifth year, II semester

## **Assessment method**

Written examination (multiple choice and open-end questions).

## **Office hours**

Only by appointment

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