



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Pathology

1920-3-H4102D020-H4102D066M

Obiettivi

- 1) Understanding the pathology of cancer
- 2) Understanding the carcinogenic process and the transformed cell
- 3) Understanding initiation promotion progression
- 4) Understanding the tumor microenvironment
- 5) Understanding inflammation and cancer
- 6) Understanding carcinogenesis and tumor progression in breast colon and lung cancer

Targets in breast colon and lung cancer

Contenuti sintetici

- 1) cellular biochemical and molecular bases of the carcinogenic process
- 2) carcinogens, classification, action, DNA mutations, oncogenes
- 3) Components of the tumor microenvironment : angiogenesis, stroma, matrix
- 4) Components of the tumor infiltrate: natural and adaptive immunity cells in the cancer field

Growth factors and receptors in major tumors and their microenvironment; molecular bases of targeted therapy and immunotherapy

Programma esteso

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Prerequisiti

basic pathology course (II yrs) , _____

Modalità didattica

lezioni frontali ed esercitazioni in piccolo gruppo

Materiale didattico

da definirsi

Periodo di erogazione dell'insegnamento

secondo semestre

Modalità di verifica del profitto e valutazione

esame integrato

Orario di ricevimento

su appuntamento
