



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Hematology

1920-3-H4102D020-H4102D069M

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#### Obiettivi

##### HEMATOLOGY I

1. Understanding the anatomy, normal physiology and hierarchical organization of the normal bone marrow and hematopoietic system
2. Understanding the clinical behaviour of chronic myeloproliferative disorders
3. Understanding the clinical behaviour of acute myeloid leukemias disorders
4. Understanding the clinical behaviour of myelodysplastic syndromes
5. Understanding the clinical behaviour of lymphomas, multiple myeloma and other plasma cell dyscrasias

##### HEMATOLOGY II

1. Understanding the molecular tools for a modern diagnosis of hematologic malignancies
2. Understanding the molecular basis of chronic myeloproliferative disorders
3. Understanding the molecular basis of acute myeloid leukemias
4. Understanding the molecular basis of myelodysplastic syndromes
5. Understanding the molecular basis of lymphomas, multiple myeloma and other plasma cell dyscrasias

## **Contenuti sintetici**

### HEMATOLOGY I

1. Master genes regulating normal hematopoiesis. Morphology and immunology of hematopoietic progenitor cells. Morphology of mature peripheral blood cells
2. Natural history, diagnosis and treatment of chronic myeloproliferative disorders
3. Natural history, diagnosis and treatment of acute myeloid leukemias disorders
4. Natural history, diagnosis and treatment of myelodysplastic syndromes
5. Natural history, diagnosis and treatment of lymphomas, multiple myeloma and other plasma cell dyscrasias

## **Programma esteso**

### HEMATOLOGY I

1. Master genes regulating normal hematopoiesis. Morphology and immunology of hematopoietic progenitor cells. Morphology of mature peripheral blood cells
2. Natural history, diagnosis and treatment of chronic myeloproliferative disorders
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## **Prerequisiti**

corsi propedeutici ai Vertical Track secondo il regolamento

## **Modalità didattica**

LEZIONI E ATTIVITA' A 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

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