



## SCIENZE MEDICHE I

12 CFU - 1° Semester

### Teaching Staff

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### LEARNING OBJECTIVES

#### ▪ Clinical Pathology

The course develops skills in the Clinical Pathology aiming to teach the student to apply, evaluate and interpret the laboratory tests used to study of the main diseases of the blood, alterations of the coagulative-fibrinolytic system, changes in liver and kidney function, some endocrinopathies, autoimmune and paradontal diseases and cancer.

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### DETAILED COURSE CONTENT

#### ▪ Clinical Pathology

Laboratory analysis: definition, typology

Collection and conservation of biological samples

Preanalytical, analytical and biological variability

Complete blood count test

Plasma proteins and electrophoresis

Hemostasis test

Blood groups and compatibility testing

Diabetes: diagnosis and follow up test

Autoimmune disease test

Periodontal disease test

Tumoral Markers

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## **TEXTBOOK INFORMATION**

### ▪ **Clinical Pathology**

1. Federici G. Medicina di Laboratorio. Mc Graw-Hill Companies

2. Laposata M. Medicina di Laboratorio. Piccin

3. Antonozzi I. Medicina di Laboratorio. Piccin

4. Balestrieri et al. Diagnostica Molecolare nella Medicina di Laboratorio. Piccin

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