



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Pathology

2021-4-H4102D029-H4102D109M

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#### Aims

#### NEPHROPATHOLOGY

To provide evidence-based knowledge of the pathology of the main medical diseases of the kidney.

At the end of the course the student will be able to:

- 1) Know histopathology, immunofluorescence and ultrastructural (Transmission Electron Microscopy) of the main glomerular renal diseases.
- 2) Interpret tests and diagnostic investigations in order to diagnose kidney diseases.
- 3) To use the knowledge of normal histology and others basic disciplines in dealing with organ and/or apparatus pathologies. To be able to critically evaluate the commonly used diagnostic methods in pathology To know the indications of renal biopsy.

#### ENDOCRINE PATHOLOGY

Endocrine pathology is the subspecialty of surgical pathology which deals with the diagnosis and characterization of neoplastic and non-neoplastic diseases of organs of

**the endocrine system, including the thyroid, parathyroids, endocrine pancreas, and adrenal glands**

## **Contents**

- NEPHROPATHOLOGY
- Focal and Segmental Glomerulosclerosis
- Minimal Change Disease.
- Membranous Glomerulonephritis.
- Membranoproliferative Glomerulonephritis.
- IgA Nephropathy.
- Pauci-Immune Glomerulonephritis.
- Crescentic glomerulonephritis.
- Onconeurology
- Hereditary Diseases
- Fabry Disease
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- Thyroid carcinoma
- Adrenal Gland Carcinoma
- Role of FNA in endocrine pathology
- Neuroendocrine tumors (NET)

## **Detailed program**

## **Prerequisites**

## **Teaching form**

Oral lessons and virtual slides ([nefropatologia.hsgerardo.org](http://nefropatologia.hsgerardo.org))

## **Textbook and teaching resource**

Harrison's Principles of Internal Medicine Ed. McGraw Hill 19th edition;

**Semester**

VIII

**Assessment method**

The assessment of achieved objectives will be verified with oral exam.

**Office hours**

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