



PATHOLOGICAL IMMUNE-HISTOCHEMISTRY

Enrollment year	2020/2021
Academic year	2021/2022
Regulations	DM270
Academic discipline	MED/08 (PATHOLOGICAL ANATOMY)
Department	DEPARTMENT OF MOLECULAR MEDICINE
Course	BIOMEDICAL LABORATORY TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	(04/10/2021 - 21/01/2022)
ECTS	1
Lesson hours	8 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	PAULLI MARCO (titolare) - 1 ECTS
Prerequisites	
Learning outcomes	1) To know and to define the principles of immunohistochemistry. 2) To know how to apply immunohistochemistry in laboratory practice 3) To know how to apply immunohistochemistry to the breast pathology. 4) To be able to assess the quality and the efficacy of immunohistochemistry
Course contents	<ul style="list-style-type: none">• Introduction to immunohistochemistry• Principles of fixation in immunohistochemistry• Techniques of staining in immunohistochemistry• Immunofluorescence and immunoenzymatic• Primary antibodies and antisera• Antigenic demasking• Standardization issues and automated immunohistochemistry• The quality controls• Diagnostic application of immunohistochemistry

	<ul style="list-style-type: none"> •The role of immunohistochemistry in the diagnosis and prognostication of pre-neoplastic and neoplastic lesions of the breast •Presentation of some paradigmatic cases
Teaching methods	Lectures. Professor is available for clarification on the topics of the program.
Reccomended or required readings	Robbins, Pathological Bases of Diseases.
Assessment methods	Oral exam with multiple questions aimed at ascertaining the knowledge acquired on immunoistochemistry and its diagnostic issues, including etiopathologic and clinical correlations. The assessment will also take into account the ability to communicate and use an appropriate scientific language.
Further information	
Sustainable development goals - Agenda 2030	\$Ibl legenda sviluppo sostenibile