UNIVERSITÀ DI PAVIA

Anno Accademico 2019/2020

CYTOPATHOLOGY	
Enrollment year	2018/2019
Academic year	2019/2020
Regulations	DM270
Academic discipline	BIO/06 (COMPARATIVE ANATOMY AND CYTOLOGY)
Department	DEPARTMENT OF BIOLOGY AND BIOTECHNOLOGY "LAZZARO SPALLANZANI"
Course	EXPERIMENTAL AND APPLIED BIOLOGY
Curriculum	Bioanalisi
Year of study	2°
Period	1st semester (01/10/2019 - 14/01/2020)
ECTS	6
Lesson hours	48 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	PERUCCA PAOLA (titolare) - 3 ECTS CAZZALINI ORNELLA - 3 ECTS
Prerequisites	Basic concepts of cytology and histology
Learning outcomes	The main goal of the course is learning of basic concepts of cytopathology.
Course contents	The Cytopathology is a branch of Biology which has for object the study of cellular alterations for diagnostic purposes. It uses many techniques of traditional , cytochemical, immunocytochemical, immunofluorescence staining, in situ hybridization and molecular tests. The program of the course provides: 1-methods of fixation, staining and inclusion of different biological samples; 2-the observation with light microscope the preparations; 3-the learning of basic concepts in diagnostic cellular and tissue level .

	The course will be completed with notions of exfoliative cytology which is the study of exfoliated cells spontaneously or mechanically removed.
Teaching methods	Frontal lectures and lab experiences.
Reccomended or required readings	1- Biologia- Cellula e Tessuti, Colombo-Olmo (edi-ermes) 2- Citopatologia diagnostica Trattato italiano di medicina di Laboratorio, Paolo Boccato (Piccin). The slides of the lectures will be available in Kiro site.
Assessment methods	Assessment of student knowledge learning is conducted through a written test consisting of extensive questions aimed to verify the understanding of concepts, and of multiple-choise questions aimed to verify the knowledge of the subject.
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Sustainable development goals - Agenda 2030	$lbl_legenda_sviluppo_sostenibile