



## ANIMAL CELL BIOLOGY (SURNAME L-Z)

Enrollment year	2021/2022
Academic year	2021/2022
Regulations	DM270
Academic discipline	BIO/06 ()
Department	DEPARTMENT OF BIOLOGY AND BIOTECHNOLOGY "LAZZARO SPALLANZANI"
Course	BIOTECHNOLOGY
Curriculum	PERCORSO COMUNE
Year of study	1°
Period	
ECTS	6
Lesson hours	48 lesson hours
Language	Italian
Activity type	WRITTEN TEST
Teacher	ZUCCOTTI MAURIZIO - 6 ECTS
Prerequisites	None
Learning outcomes	<p>The main objective of this module is to give students the basic knowledge of eukaryotic cells and tissues. At the end of the course, students will know and will be able to discuss critically on the eukaryotic cell, on the intra and inter cellular relationships and on the tissue organisation.</p>
Course contents	<p>The module aims at teaching students the basic knowledge of the cell and its components (plasma membrane, cytoplasm, Golgi's apparatus, endoplasmic reticulum, nucleus), the cell cycle, the stem cells, the processes involved in cell differentiation, the formation and tissue organisation.</p>



Before each new lesson, the teacher will first summarise then check whether the previous topics have been well understood through an interactive discussion with the students.

**Reccomended or required  
readings**

Didactical material given by the teacher, including the slides of the course.

**SUGGESTED TEXT BOOK:**

- Cellula e Tessuti. Colombo R. e Olmo E. (eds.) Edi-Ermes.



Besides the short exams described above and performed throughout the course, there will be a final written exam during which the student will be asked questions on topics discussed during the course. Not only will be the understanding of a specific topic valued, but also the capacity of the student to trace, using the appropriate language, those links necessary to the understanding of the biological phenomenon described. End-of-term evaluation and continuous assessment. Written examination with open questions.

The exam will evaluate how the student has integrated the knowledge acquired during the course and the level of achievement of the objectives.





none



