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QUESI	10113.

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Questions:	0	<u>Rough ER</u> – involved	d in the synthesis of	Called rough	
		because it has ribo	osomes on the	which insert newly	
		made proteins inte	o the rough ER.		
	0	<u>Smooth ER</u> – does n	ot have ribosomes and cor	tains collections of	
	Ribosomes		that perform specia		
		synthesis of	lipids and	the detoxification of drugs.	
	Golgi Apparatus: - appears as a stack of closely apposed				
	- the function is to modify,, and package proteins and other materials				
	from the ER for in the cell or secretion				
	Lysosome: - are organelles filled w				
	- Digest, or breakdown,, carbohydrates, a			and proteins into small	
		molecules that can by by the rest of the cell.			
	- They are also involved in breaking down that have				
	outlived their usefulness.				
	Vacuoles: - Saclike structures that store materials such was, salts, proteins				
			in cells.		
	- In many plant cells there is a single, large <u>central vacuole</u> filled with liquid that				
	helps the plant's structure.				
	- Are also found in some organisms and in some animals				
	- The paramecium contains a <i>contractile vacuole</i> that pumps excess water out of				
	the cell.				
	Mitochondria: - Nearlyeukaryotic cells contain mitochondria.				
	- Convert the energy stored in food into compounds th				
	are more convenient for cell				
	Chloroplasts: - Plants and some other organisms contain chloroplasts. - Capture from sunlight and convert it into chemical energy in a				
Cell membrane					
	proc	ess called		·	
			Cite	halos de callos dans tarte tra	
Endoplasmic reticulum			filaments that		
Microtubule	. It is also involved in				
Microfilament	- Made up of: microfilaments and microtubules - <u>Centrioles</u> are located near the and help organize				
Ribosomes Mitochondrion		ivision.	·	and help organize	
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