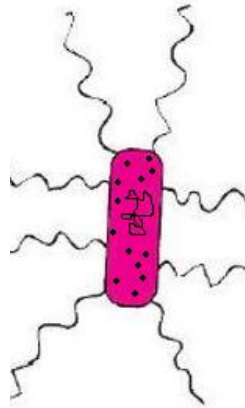


Cells Comparison Pro vs Eu Oral Defense Questions: Regular Biology

Question Set 1

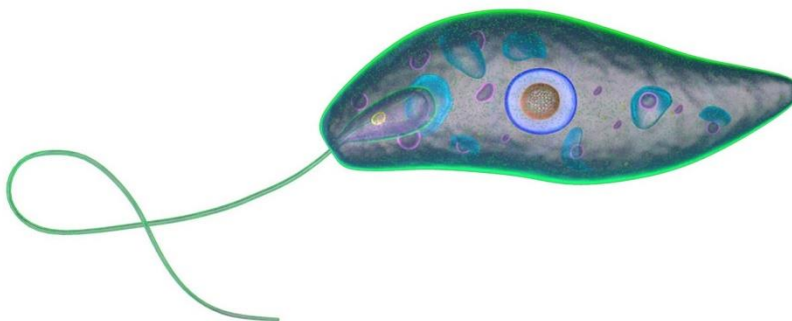
1. What are three structures found in prokaryotes and eukaryotes?
2. Prokaryotes and eukaryotes are both classified as living organisms but prokaryotes don't have a nucleus. How can they be considered living?
3. You looked under the microscope and observe the following cell:



What type of cell (prokaryote or eukaryote) would you classify this cell as and why?

Question Set 2

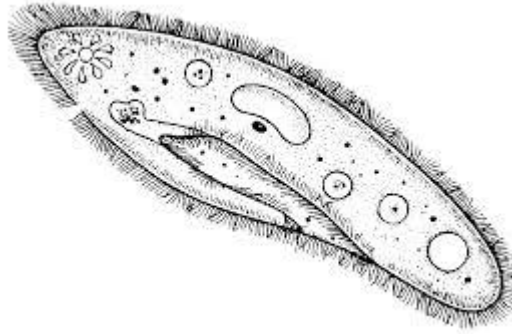
1. What are three structures that are found in eukaryotes but not prokaryotes?
2. Why must all cells, prokaryotes and eukaryotes have ribosomes?
3. You looked under the microscope and observe the following cell:



What type of cell (prokaryote or eukaryote) would you classify this cell as and why?

Question Set 3

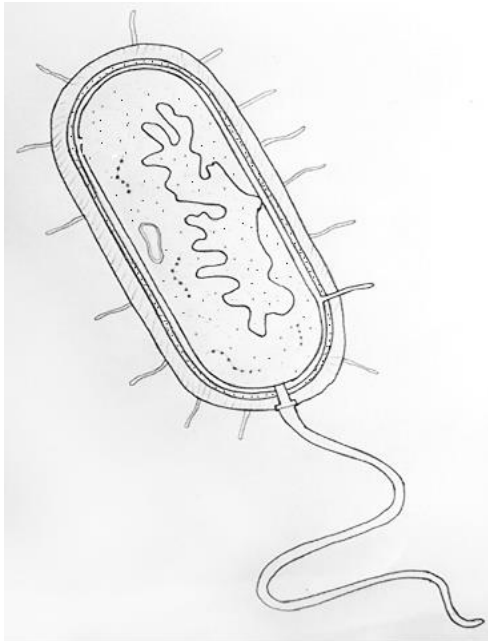
1. Give an example of an organism that is a prokaryote and one that is a eukaryote.
4. Are ribosomes membrane bound organelles and how do you know?
5. You looked under the microscope and draw the following cell:



What type of cell (prokaryote or eukaryote) would you classify this cell as and why?

Question Set 4

1. What one structure do all cells and viruses have in common?
2. You discovered a new microscopic organism growing under my desk. What features would help you distinguish if the organism should be classified in one of the bacterial kingdoms or one of the eukaryotic kingdoms?
3. You looked under the microscope and draw the following cell:



What type of cell (prokaryote or eukaryote) would you classify this cell as and why?