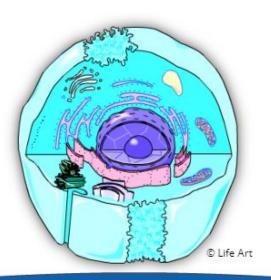
Identifying Eukaryotic Animal Cell Organelles



This is a drawing of a generic eukaryotic animal cell.

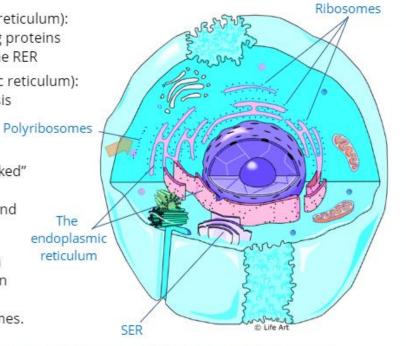
The endoplasmic reticulum

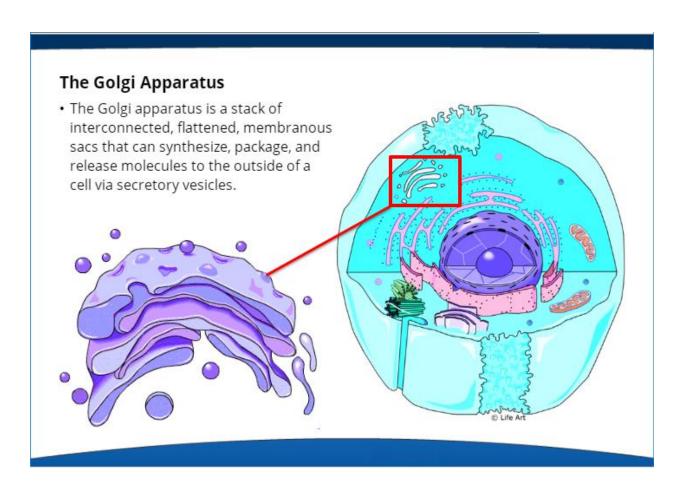
 RER (rough endoplasmic reticulum): important in transporting proteins made by ribosomes on the RER

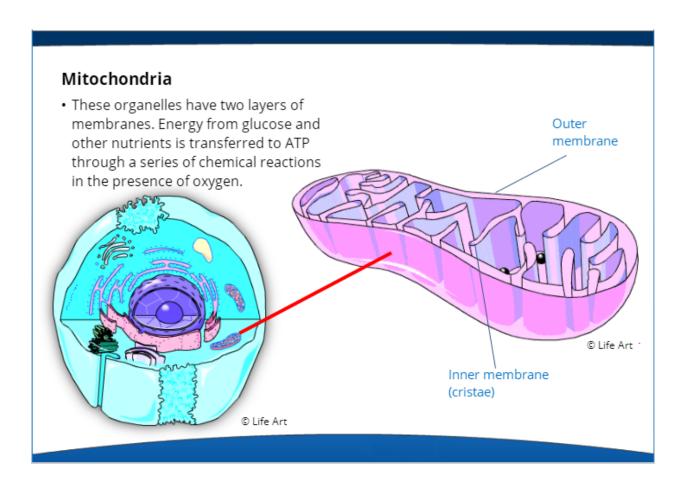
 SER (smooth endoplasmic reticulum): important in lipid synthesis

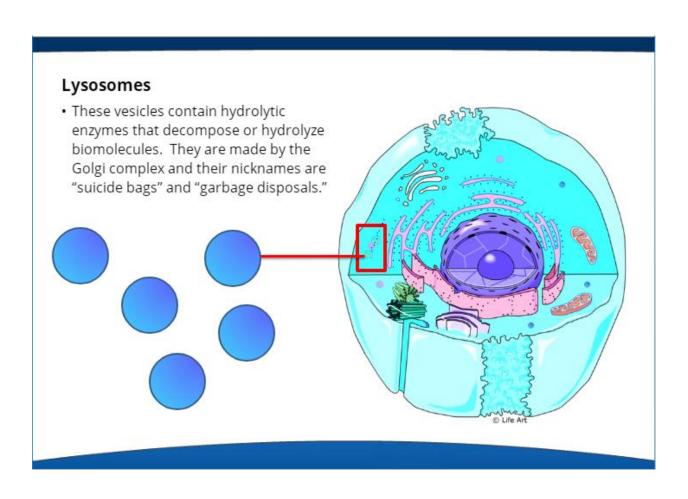
Ribosomes

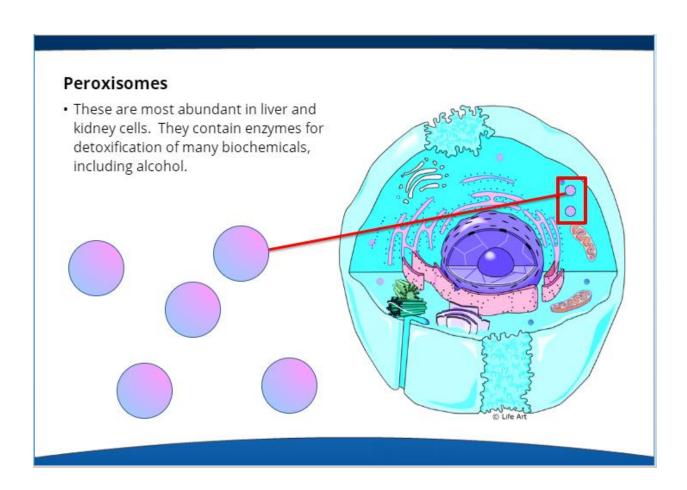
- Ribosomes are small, "naked" (non-membrane bound) particles made of r-RNA and proteins.
- They are the cell's protein factories and are found on RER and scattered in the cytoplasm as polyribosomes.

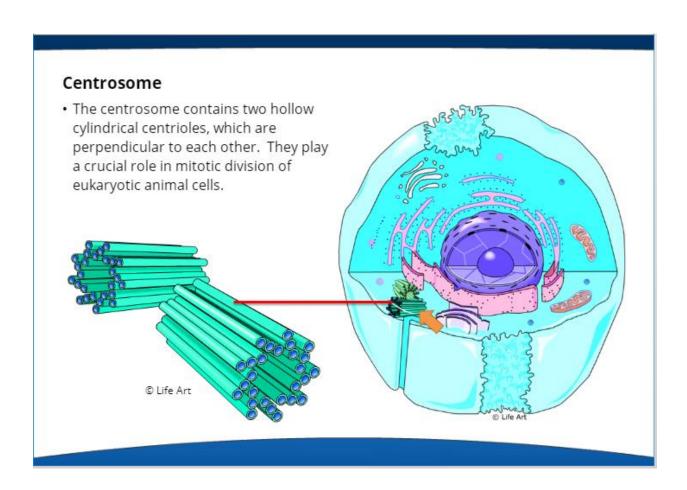


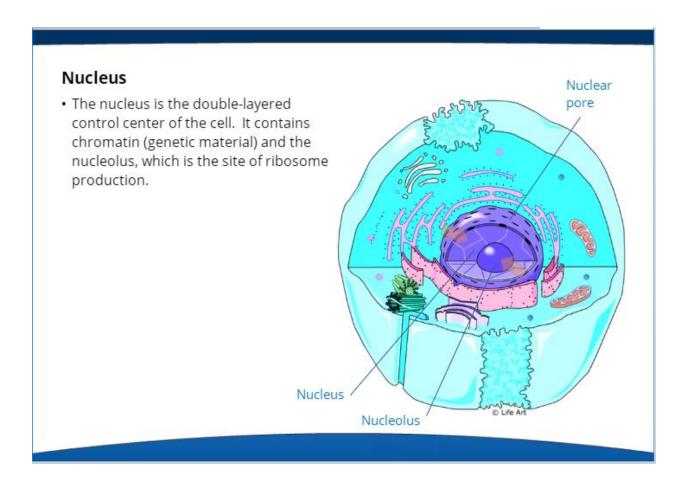


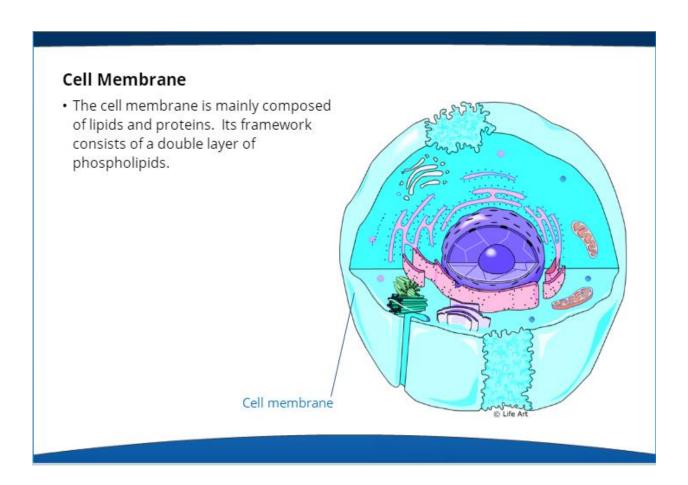








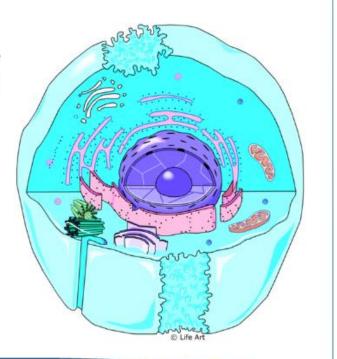




Summary

Eukaryotic cells

 Plants, animals, fungi, and protista are composed of eukaryotic cells. In these cells, organelles create compartments where specific biochemical reactions can occur.



Congratulations

You have completed this learning activity.

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