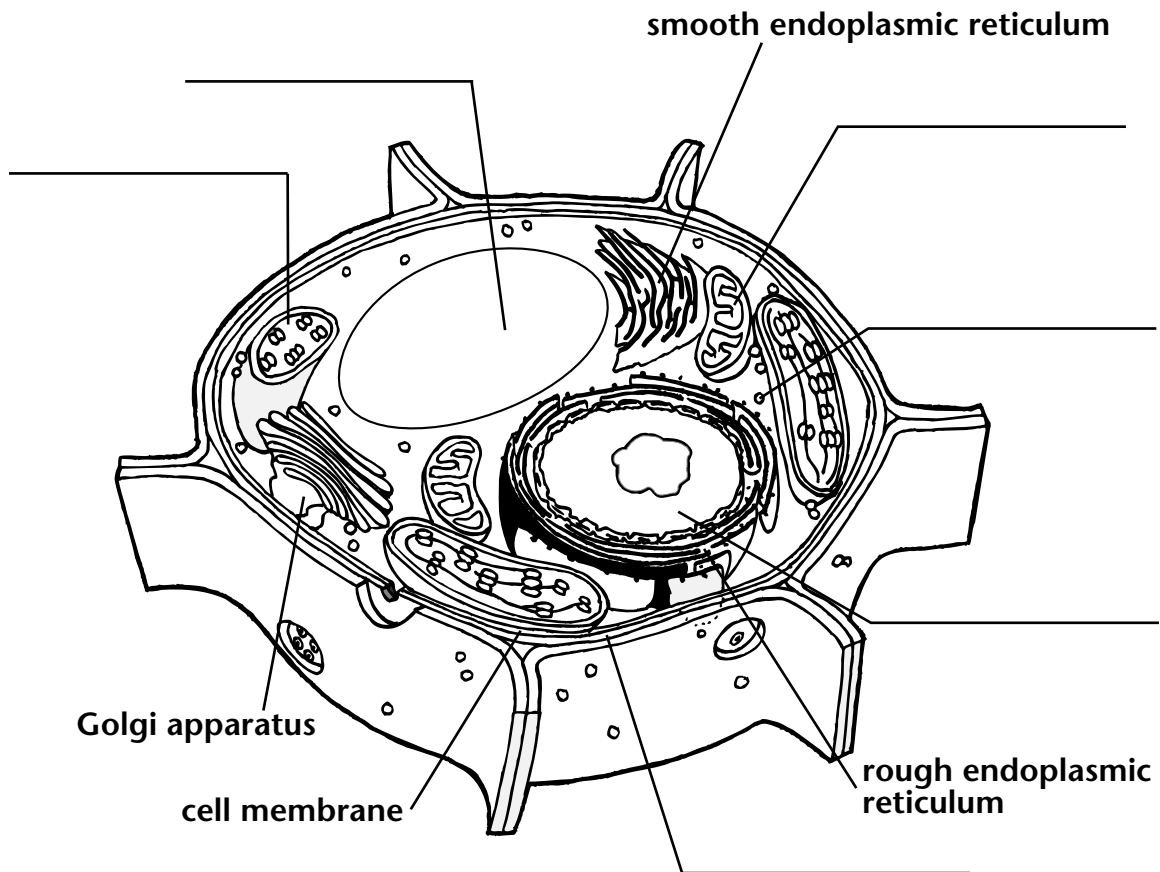


### Plant Cell

Use the words below to label the plant cell. Some structures have already been labeled for you.

cell wall	mitochondrion	ribosome
chloroplast	nucleus	vacuole

### Plant Cell



Use the diagram to answer the questions.

1. Which structure is found in a plant cell but not in an animal cell? Circle the correct answer.

chloroplast      cell membrane      ribosome

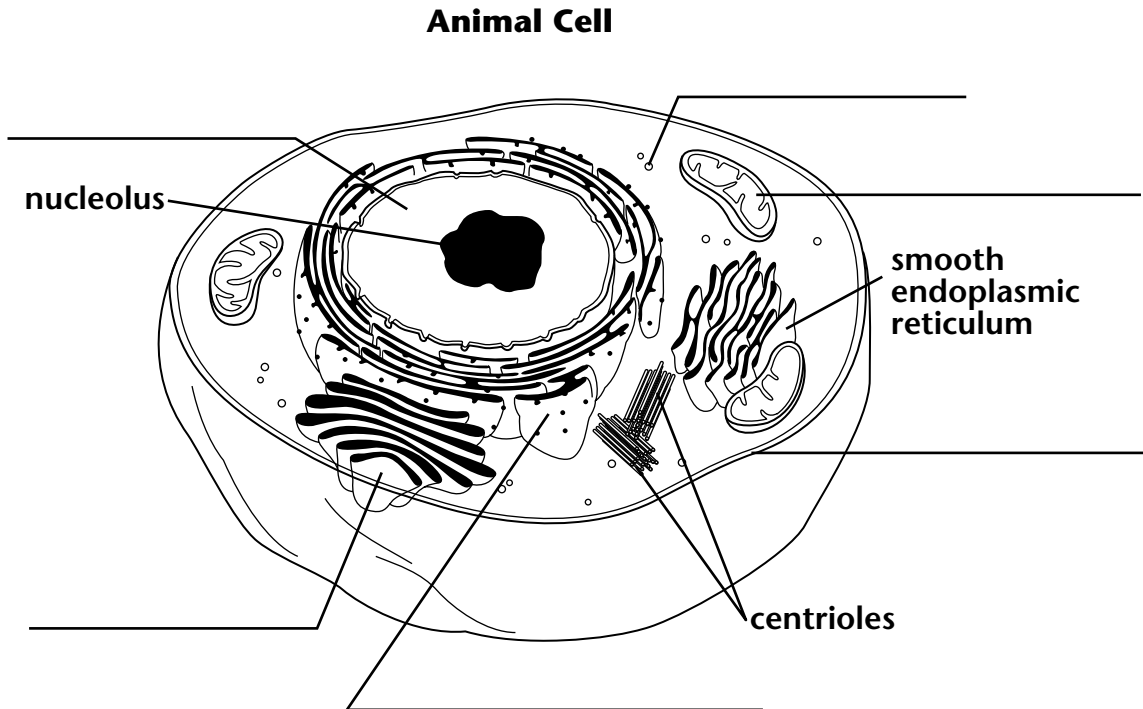
2. What is the main function of vacuoles?

\_\_\_\_\_

## Animal Cell

Use the words below to label the animal cell. Some structures have already been labeled for you.

cell membrane	mitochondrion	rough endoplasmic reticulum
Golgi apparatus	nucleus	ribosome



Use the diagram to answer the questions.

1. What is the area between the nucleus and the cell membrane called?

\_\_\_\_\_

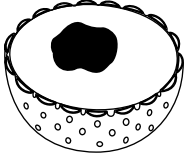
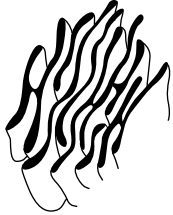
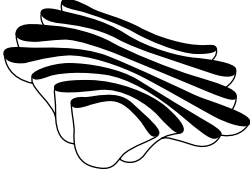

2. What cell structures are found on the surface of rough endoplasmic reticulum but not on smooth endoplasmic reticulum?

\_\_\_\_\_

### Organelle Function

An organelle is a specialized cell structure. Each organelle functions in a different way to help the cell carry out life processes.

A mitochondrion, nucleus, endoplasmic reticulum, and Golgi apparatus are pictured and described below. Write the name of the organelle underneath its picture.

Organelle	Function
	<p>controls most cell processes and stores genetic material</p>
	<p>makes membrane lipids that will be exported out of the cell</p>
	<p>modifies, sorts, and packages materials from the endoplasmic reticulum</p>
	<p>converts the energy stored in food into a more useable form</p>

Use the table to answer the question.

1. Which of the structures shown above contains a nucleolus?

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