

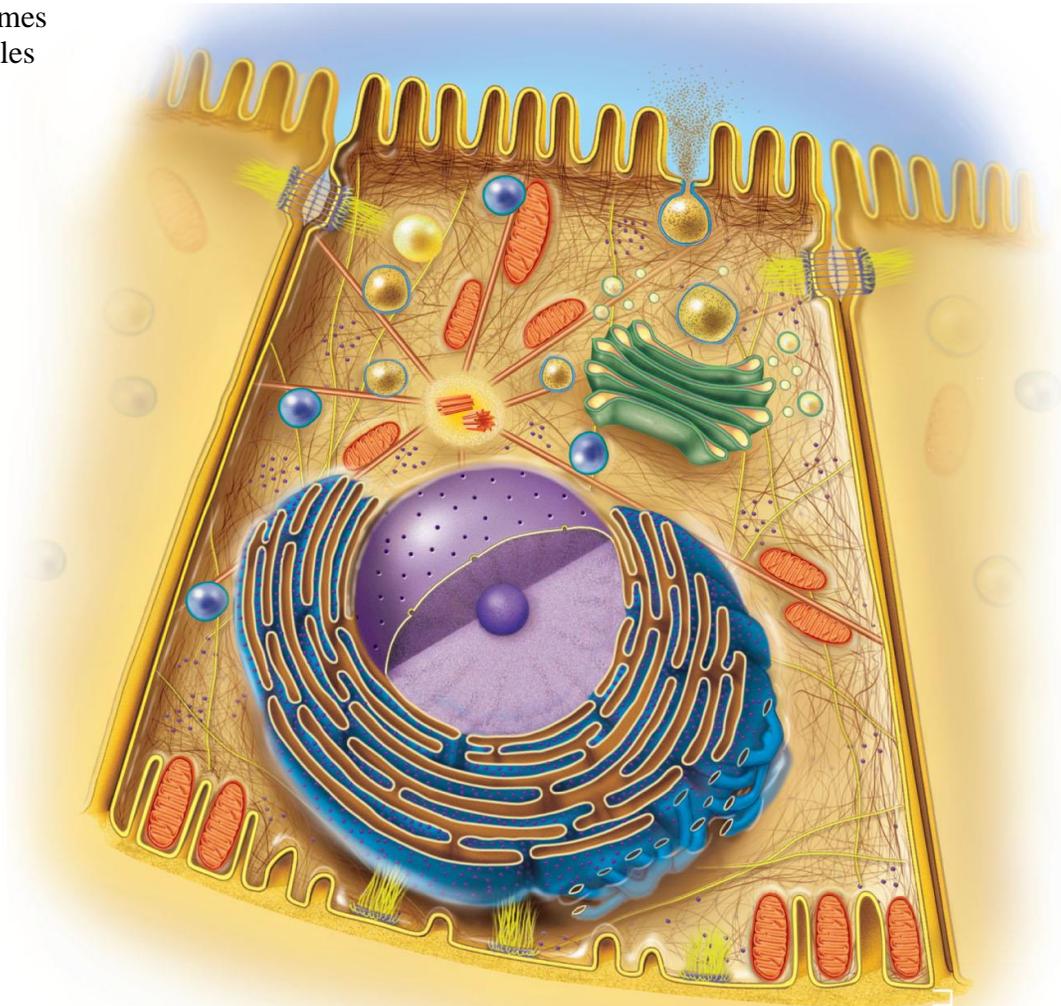
Cytology Lab

In this lab students will learn to identify main external and internal cell structures. Use your textbook to identify and label the cell structures listed below. Watch the video on the Anatomy and Physiology website that is associated with this lab.

Activity One: Structure of a Representative Cell

Please identify and label the following cell structures listed below. Use your textbook to complete this activity, cell structures can be found on Figure 3.5 (page 82).

- ___ Plasma membrane
- ___ Cytosol (described in text)
- ___ Nucleus
- ___ Nuclear envelope
- ___ Rough endoplasmic reticulum
- ___ Smooth endoplasmic reticulum
- ___ Golgi complex
- ___ Golgi vesicles
- ___ Mitochondria
- ___ Lysosomes
- ___ Centrioles



Activity Two: The Cell Interior

Please identify and label the following cell structures listed below. Watch the Cytology Lab Video on the Anatomy and Physiology Website to help you complete this activity.

- Plasma Membrane
- Nucleus
- Rough Endoplasmic Reticulum
- Smooth Endoplasmic Reticulum
- Golgi Complex
- Mitochondrion
- Lysosome
- Centriole

*There may be multiple pictures of the same structure

