

Prokaryotic and Eukaryotic Cells

Picture Vocabulary

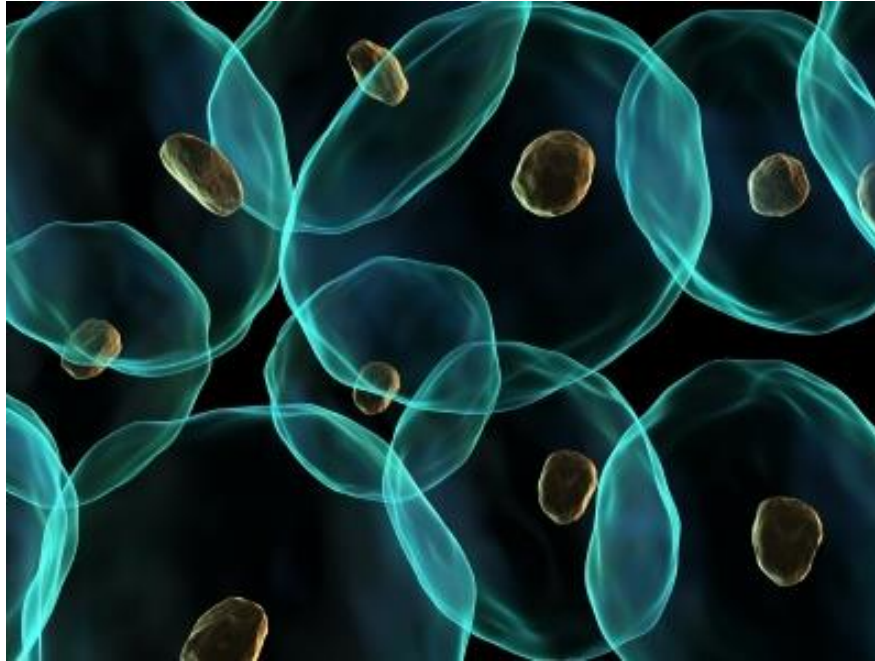
Organisms and Environments

Organism



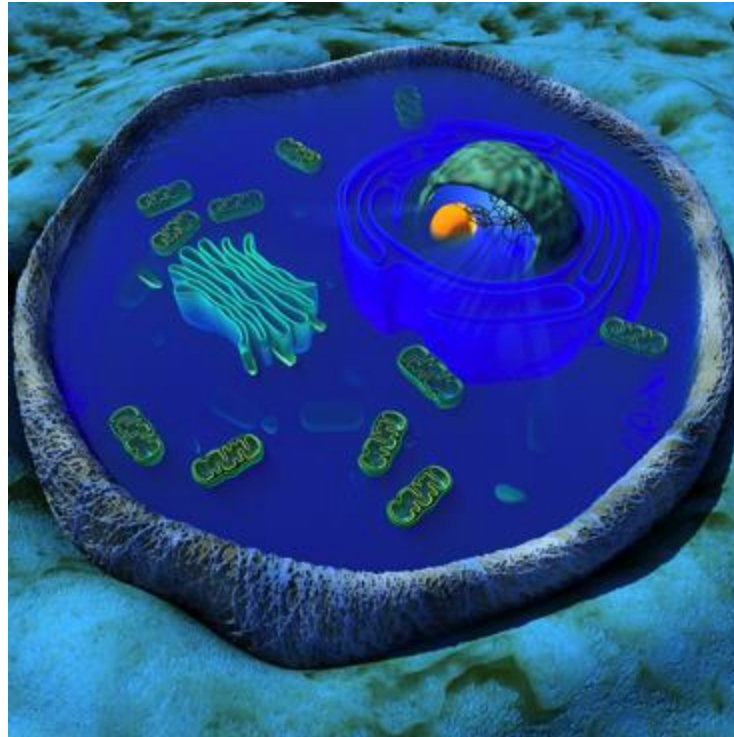
A living thing able to grow and to reproduce.

Cell



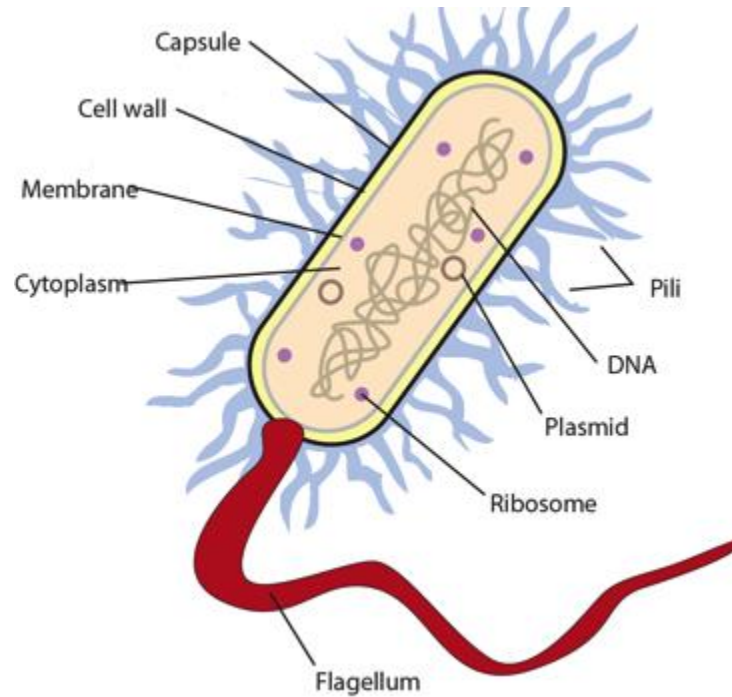
The smallest unit of an organism; it is enclosed by a membrane and performs life functions.

Eukaryotic Cell



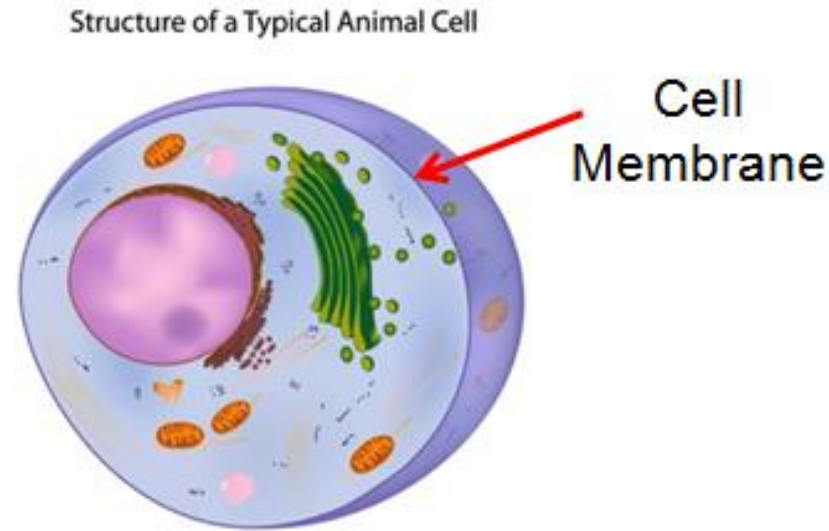
A cell containing a membrane-enclosed nucleus and organelles.

Prokaryotic Cell



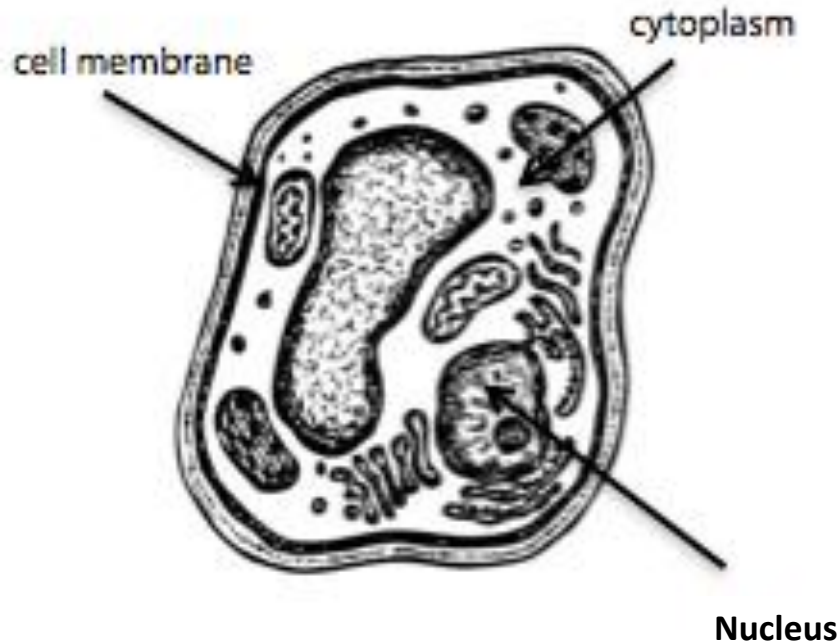
A cell lacking a nucleus or any other membrane-enclosed organelle.

Cell Membrane/Membrane



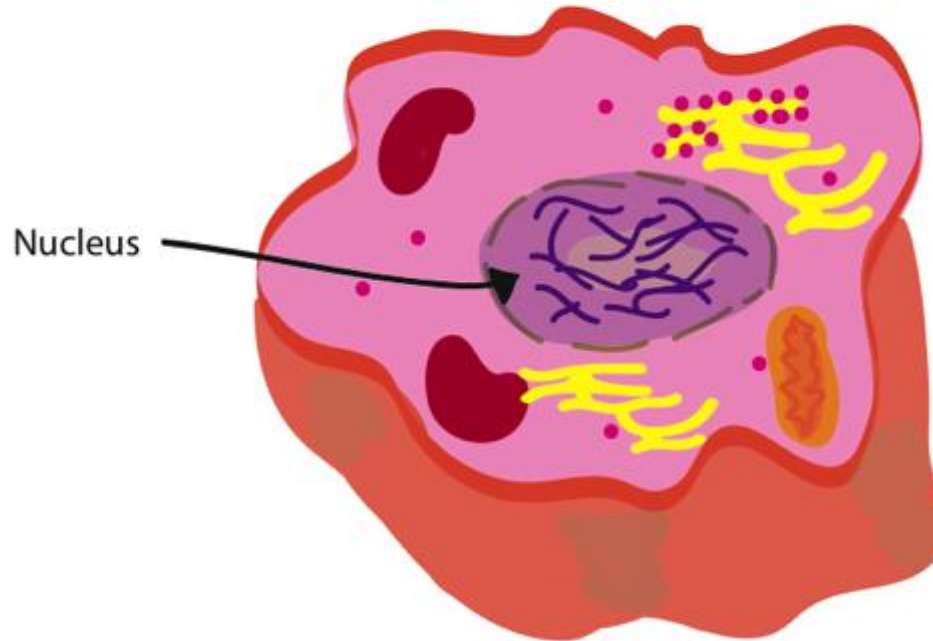
A protective layer that surrounds a cell or an organelle.

Organelle



Structures in cells that perform specific functions;
found in all eukaryotic cells and in some
prokaryotic cells.

Nucleus



A structure found in eukaryotic cells that contains DNA and is responsible for controlling the activities of the cell.

DNA



Deoxyribonucleic Acid; found in the nucleus; consists of coded information that controls cell activities.