

CELL FUNCTIONS & PARTS

membrane that protects the nucleus	Nuclear membrane
short, hair-like structures used for movement and removal of wastes	Cilia
capture sunlight and use it to produce chlorophyll which make food through photosynthesis	Chloroplasts
threadlike proteins that give the cell support for its shape	Cytoskeleton
makes ribosomes that make proteins for the cell	Nucleolus
jellylike substance that protects the cell	Cytoplasm
makes lipids (cholesterol) and removes harmful substances	Smooth ER
package proteins into vesicles and prepares them for jobs	Golgi Bodies
flexible covering that protects and support the cell; a "passageway" for H ₂ O, oxygen, food, and wastes	Cell Membrane
small circular structures that make proteins	Ribosomes
stiff structure that protects and supports the plant cell; "passageway" for H ₂ O and oxygen and food	Cell Wall
stores waste, food, water in a cell	Vacuole
makes energy for the cell; rod-shaped "powerhouses"; found in muscle cells	Mitochondria
directs cell activities and contains genetic material (DNA); the "brain" of the cell	Nucleus
transport substances around the cell	Vesicles
long, tail-like appendage used for movement	Flagella
circular structures that use stored chemicals to clean cells	Lysosomes
site of protein production; covered in ribosomes	Rough ER