

Cell Theory
3 parts

Cell Theory

all living
things made
of cells.

Oct 10-8:37 AM

Cells are the basic
unit of structure
& function.

Oct 10-8:40 AM

All cells
arise from
other cells.

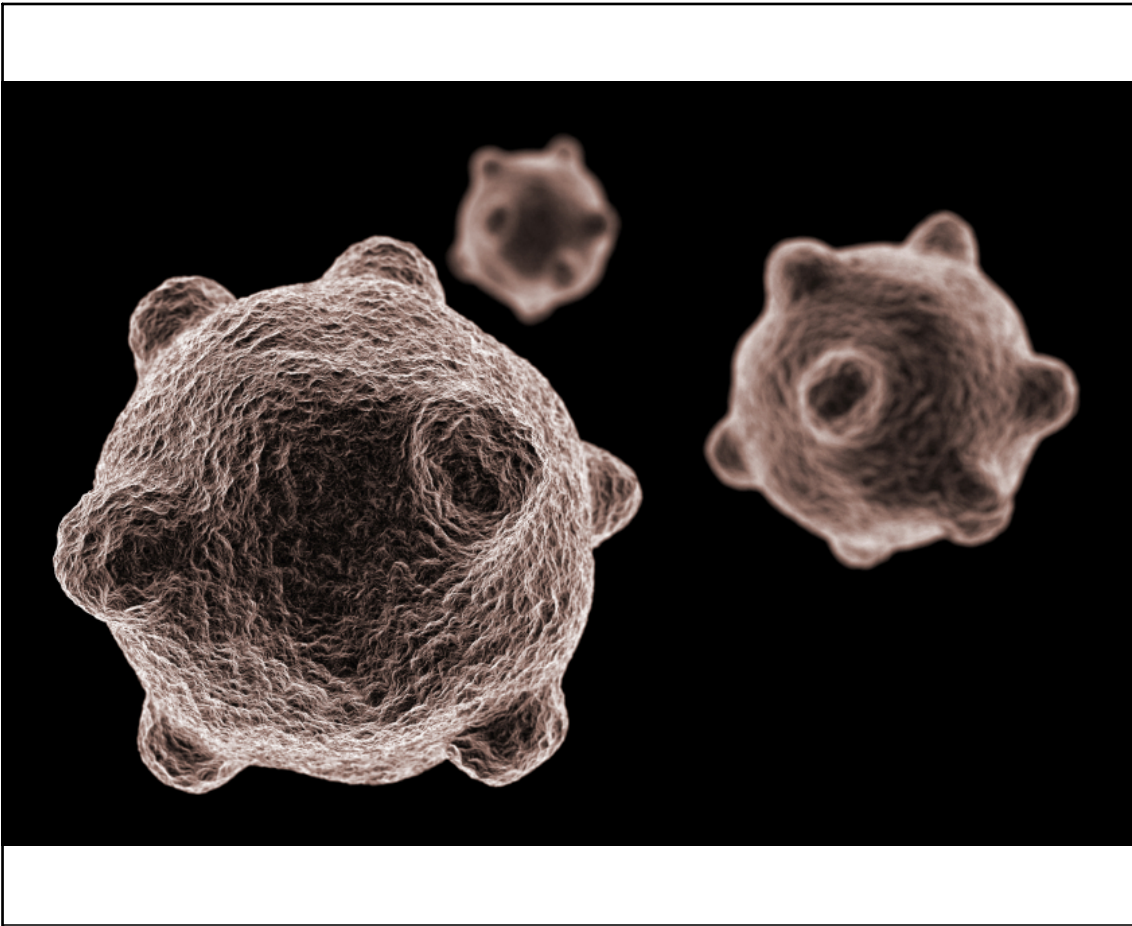
Oct 10-8:41 AM



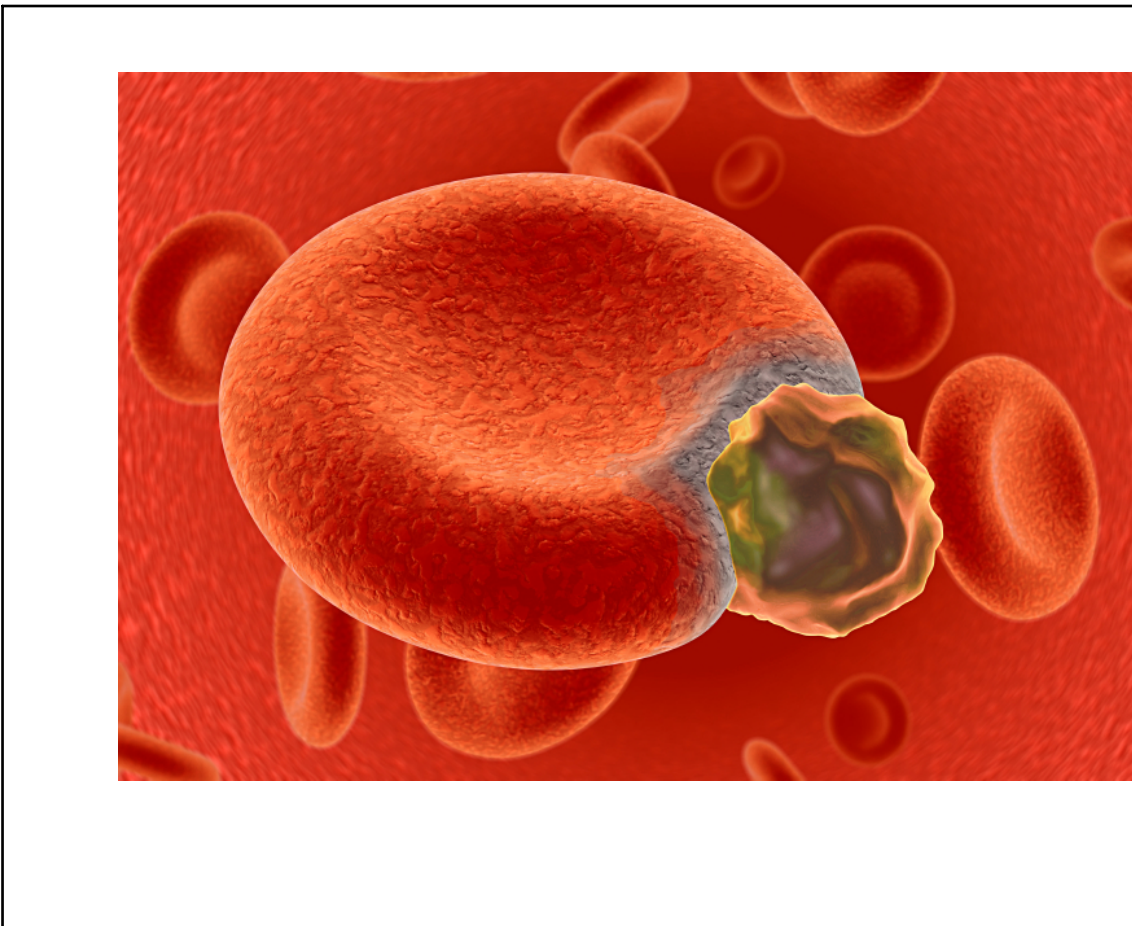
Organelle

Prokaryote
Single celled
organism w/
no nucleus
Bacteria

Prokaryotes



Oct 10-8:24 AM



Oct 10-8:28 AM



Oct 10-8:28 AM



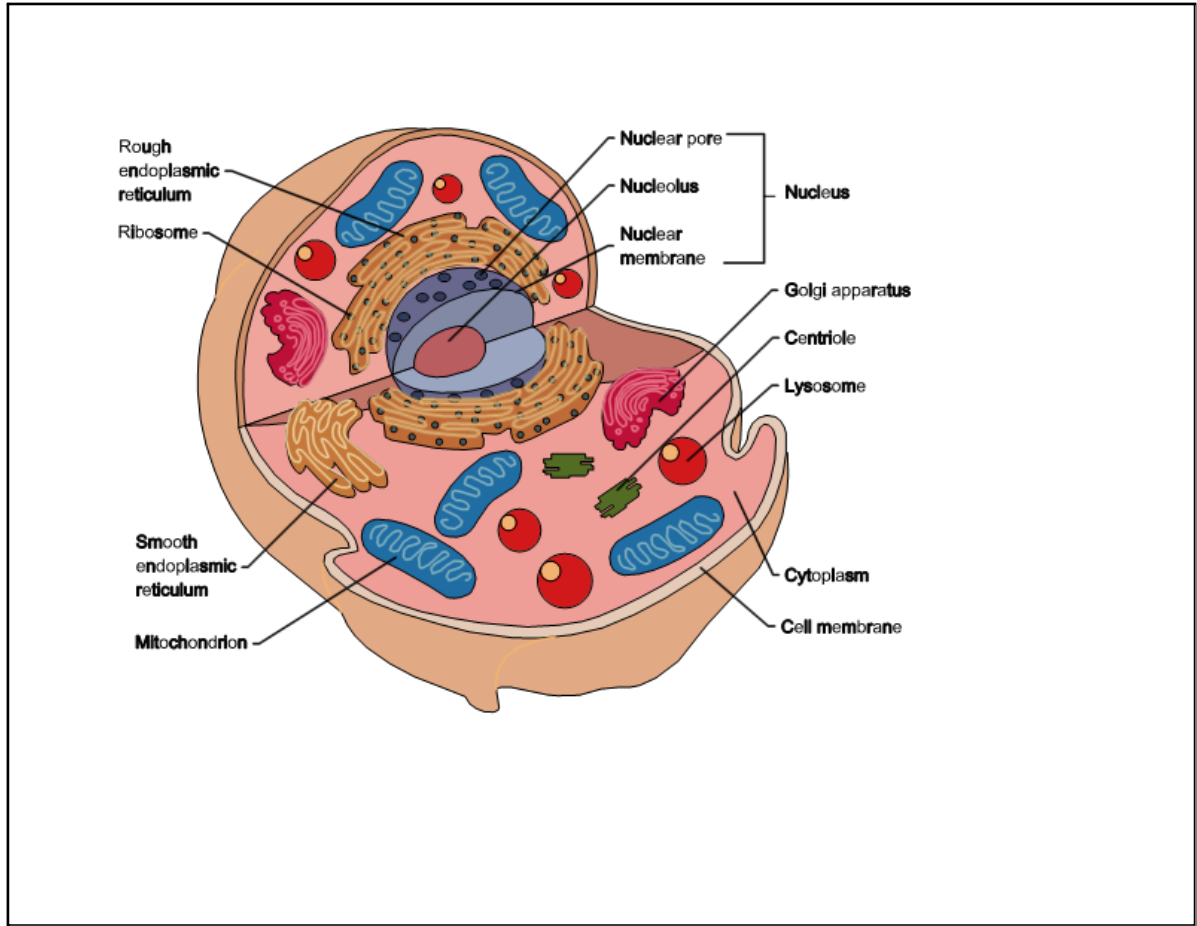
Oct 10-8:29 AM



Oct 10-8:30 AM



Oct 10-8:30 AM



Oct 10-8:06 AM

Eukaryotes
cell with
a nucleus

Eukaryote

Nucleus

Brain of cell,
holds DNA

egg yolk in an egg

inside cell

Oct 10-8:49 AM

Nucleolus

makes ribosomes RNA

everlasting gobstopper

inside nucleus

Oct 10-8:51 AM

Cell Wall
Structure & Support
egg shell
outside a PLANT
cell

Oct 10-8:53 AM

Cell Membrane
lets things in & out
membrane of hard
boiled egg
outside of cell

Oct 10-8:54 AM

Cytoplasm
holds stuff
jello
inside cell

Oct 10-8:55 AM

Ribosomes
translate DNA,
make proteins
candy buttons
inside cell

Oct 11-8:23 AM

Chromatin
form of DNA when NOT
dividing
ramen
inside the nucleus

Oct 11-8:25 AM

ER
transports within
ribbon candy
inside cell

Oct 11-8:27 AM

Golgi complex

packages, processes,
distributes ~~aka~~ UPS

ribbon candy
inside cell

Oct 11-8:32 AM

Lysosome

breaks down & digests
damaged parts

candy button
inside cell

Oct 11-8:34 AM

Vacuole

Stores stuff like
water

wax bottles
inside cell

Oct 11-8:36 AM

Mitochondria

makes energy, has
own DNA

Kidney beans
inside the cell

Oct 11-8:39 AM

Chloroplasts
make food for
PLANT cell
peas in a pea pod
inside cell

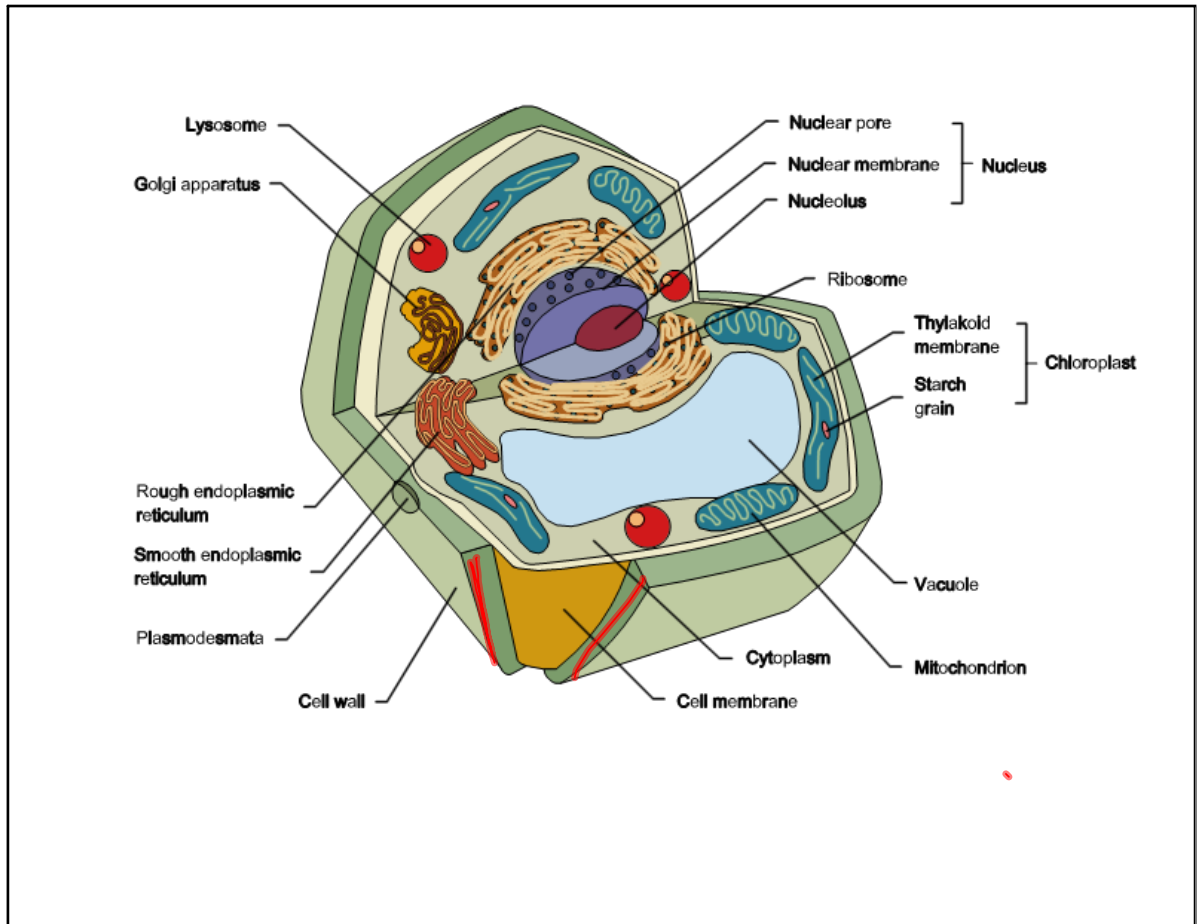
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Cilia
movement
hairs on a kiwi
outside of cell

Oct 11-8:46 AM

Flagella
movement
angel hair
outside

Oct 11-8:48 AM



Sep 29 - 6:41 AM



Oct 10-8:06 AM