

Cell
Theory

Cell Theory

All living
things are
made of cells.

Oct 10-1:37 PM

Cells are the
basic unit of
structure &
function

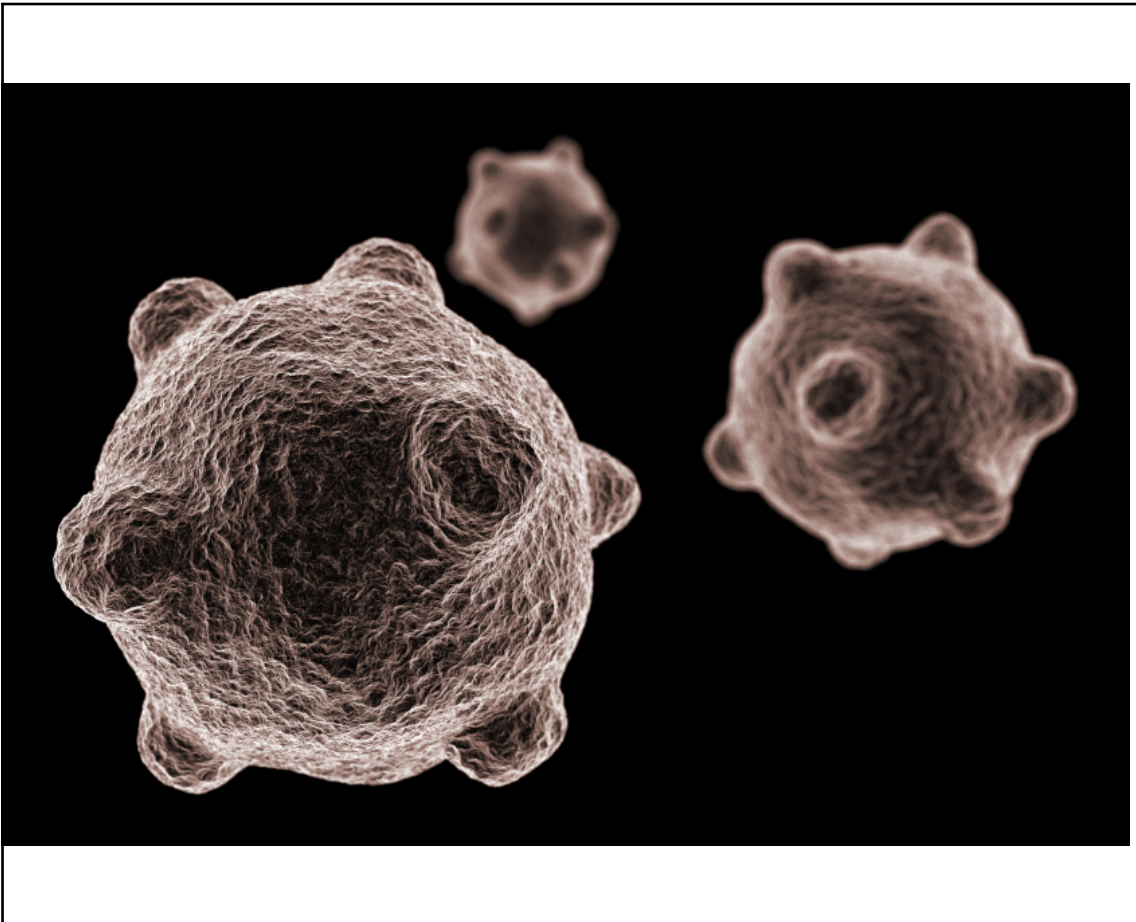
Oct 10-1:39 PM

All cells
arise from
other cells.

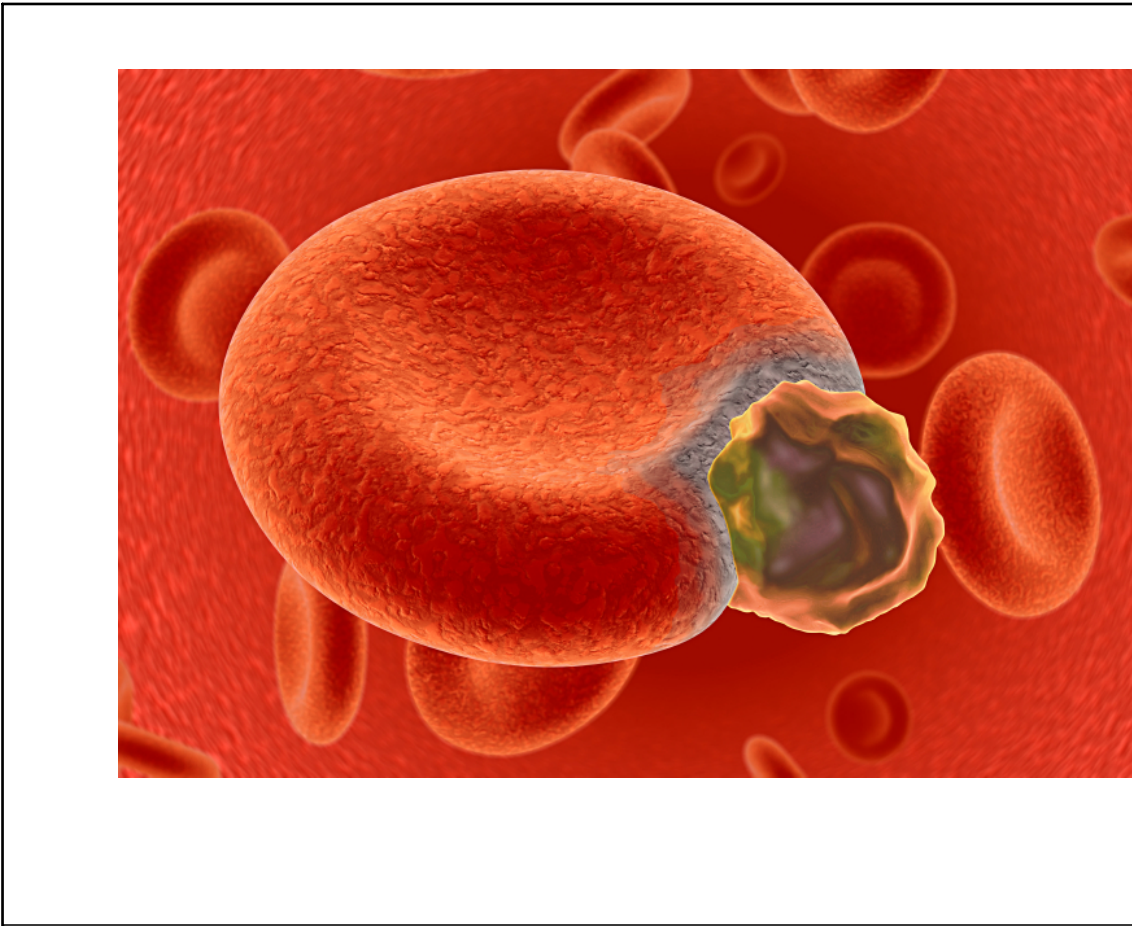
Oct 10-1:41 PM

Prokaryotes
Single celled
organism without
a nucleus
- Bacteria

Prokaryotes



Oct 10-8:24 AM



Oct 10-8:28 AM



Oct 10-8:28 AM



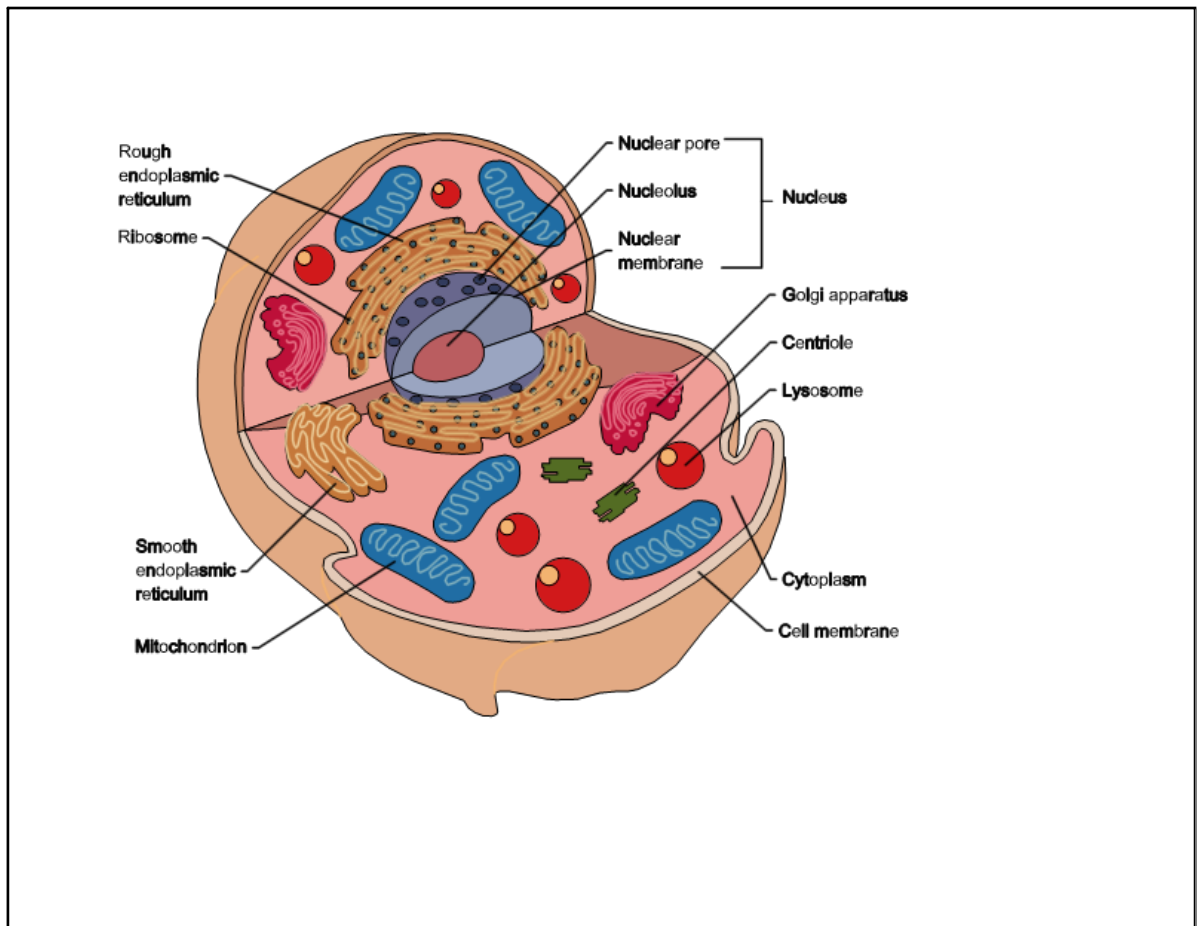
Oct 10-8:29 AM



Oct 10-8:30 AM



Oct 10-8:30 AM



Oct 10-8:06 AM

Eukaryotes
orga
cells w/ a
nucleus

Eukaryote

Nucleus
Brain, control center
Stores DNA
Yolk of an egg
inside cell

Oct 10-1:48 PM

Nucleolus
makes ribosomes, RNA
Everlasting gobstopper
inside the nucleus

Oct 10-1:50 PM

Cell Wall
Structure & support
egg shell
outside of plant
cell

Oct 10-1:53 PM

Cell Membrane
lets things in & out
membrane in egg shell
animal - outside
plant - inside cell wall

Oct 10-1:54 PM

Cytoplasm
holds stuff
jello
inside cell

Oct 10-1:56 PM

Ribosomes

translate DNA,
make proteins

Candy buttons
inside cell


Oct 11-1:36 PM

Chromatin

form of DNA when
NOT dividing

ramen
inside nucleus

Oct 11-1:38 PM



transports within
cell

ribbon candy
inside cell

Oct 11-1:40 PM

Golgi complex

packages, processes
distributes. UPS

ribbon candy
inside cell

Oct 11-1:44 PM

Lysosome

breaks down
digests damaged
parts

candy buttons
inside cell

Oct 11-1:46 PM

Vacuole

stores stuff
like H_2O

wax bottles
inside cell

Oct 11-1:48 PM

Mitochondria
makes energy
Kidney beans
inside cell

Oct 11-1:51 PM

Chloroplast
makes food
PLANT cell
only
peas in a peapod
inside cell

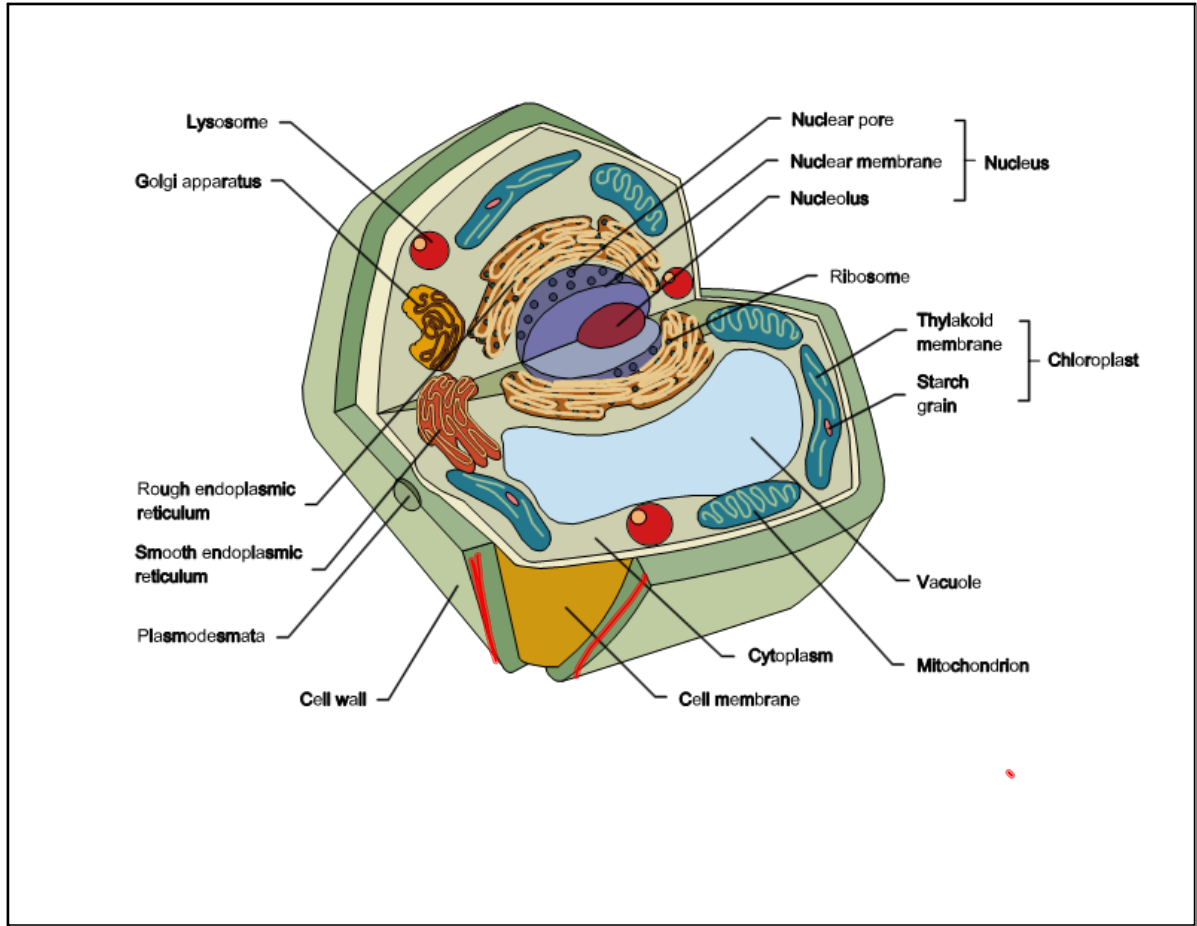
Oct 11-1:52 PM

Cilia
movement
hairs on a kiwi
outside
cell

Oct 11-1:55 PM

Flagella
movement
angel hair
outside

Oct 11-1:56 PM



Sep 29 - 6:41 AM



Oct 10-8:06 AM