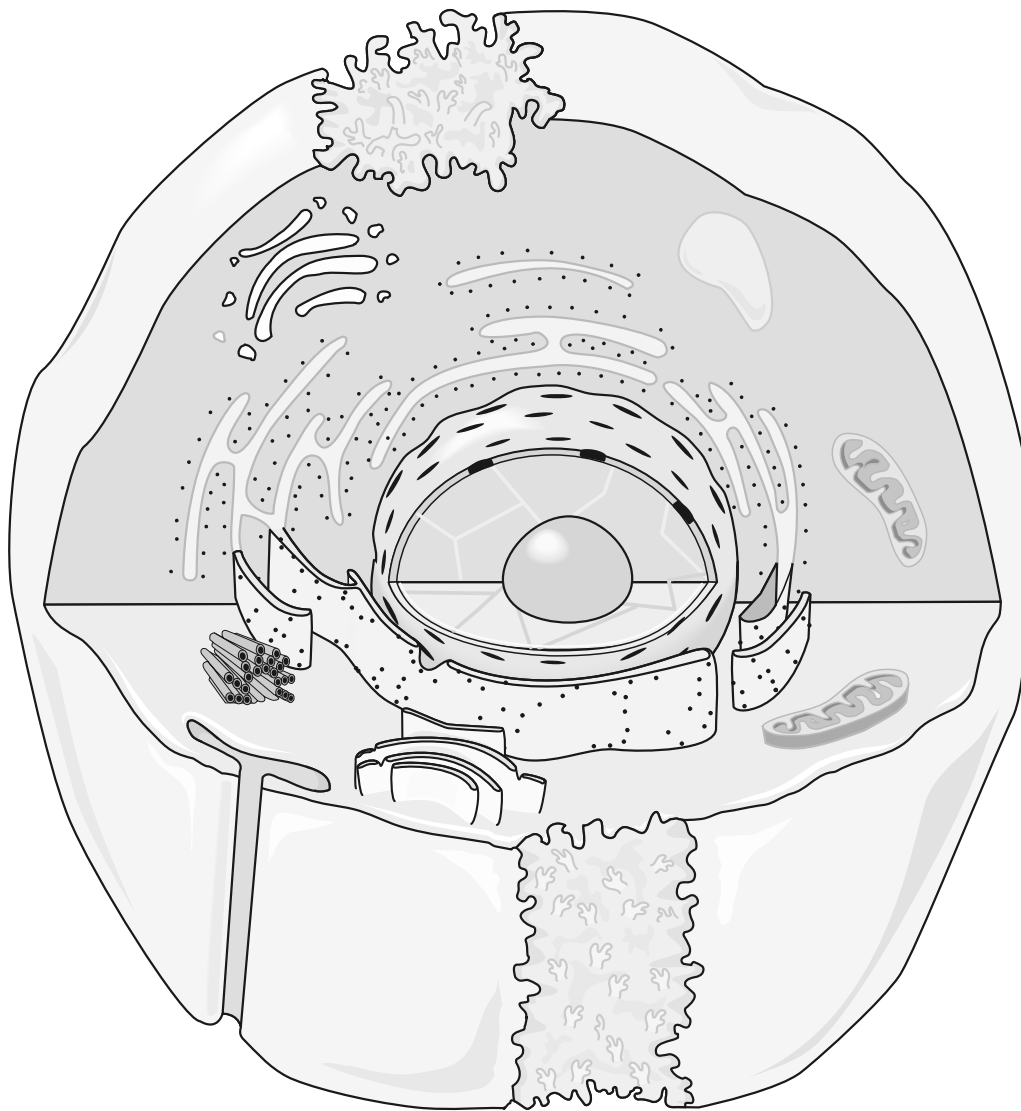




cell membrane

nucleus

nuclear membrane

nucleoplasm

nucleolus

cytoplasm

mitochondria

ribosome

endoplasmic reticulum (ER)

Golgi body

vesicle (vacuole & lysosome)

centriole (animals only)

chromosome

microtubule

microfilament

cilia & flagellum

chloroplast (plants only)

cell wall (plants only)

Note: *Italicized structures not represented in the diagram.*