

Emily Granville

① mitochondrion



②



lysosome
(with proteins)

③

golgi apparatus



⑤ DNA (in nucleus)



nucleus

④



⑦ nucleolus
(in nucleus)

⑥ nuclear pore
(in nucleus)

⑧ nuclear membrane (surrounding the nucleus)

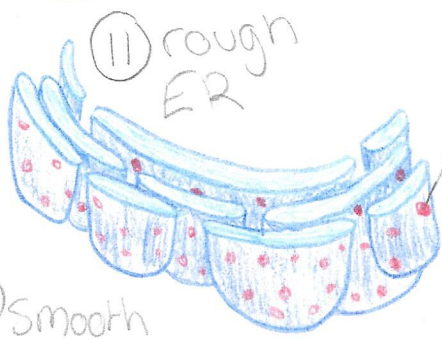
⑩

ribosome
(also on rough ER)



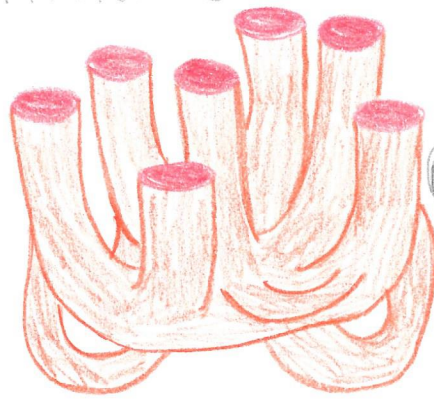
⑪

rough ER



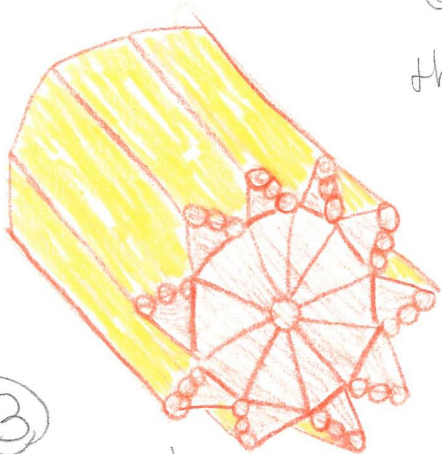
⑫

smooth ER



⑬

Centrioles



⑭

Vesicles
(with molecules to be transported)

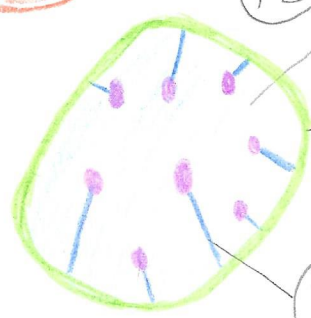


⑮

cytoplasm

⑨

cell membrane



⑯

cytoskeleton
(connected to various organelles)