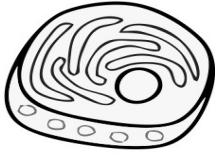
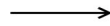
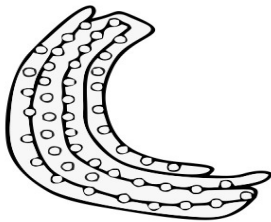


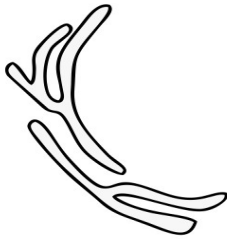
ANIMAL CELL ORGANELLES



The nucleus has our DNA that contains all our genetic information. The DNA is found on structures in the nucleus called chromosomes. There are 23 pairs (46 total) of chromosomes in each nucleus of each cell.



Rough endoplasmic reticulum (rough ER) is a series of folded membrane pathways spotted with ribosomes. Together ribosomes and the rough ER make new proteins and new membranes that the cell needs.



Smooth Endoplasmic Reticulum (smooth ER) has no ribosomes on it and forms containers called transport vesicles that are used to move things around inside the cell.



Mitochondria have a double membrane that folds in on itself forming little finger-like projections called cristae.