

Cells

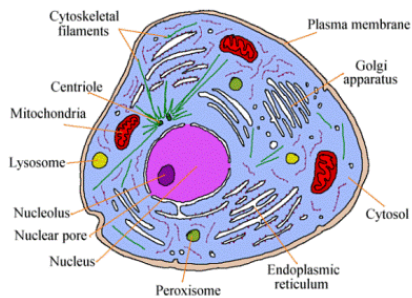
Cells are like factories in which the business of life is always going on. Every cell must carry out certain activities. Example the blood cell has a different job from the nerve cells.



Cells can range in size from the largest, which are about the size of a period at the end of this sentence, to the smallest, which are so tiny they can only be seen with very powerful microscopes.

All cells have some basic structures in common. Structures inside the cell are called **organelles**. Each organelle has a role or function to provide for the needs of the cell. They work to bring in food supplies, get rid of waste, protect the cell, repair the cell, and help it grow and reproduce.

Organelles of the Cell



It has no life like a fence outside
Plants cell wall protects the line
Outside case the cell membrane
Lets things out-in survive
Hold, food the vacuole
Round, water-filled sacs float
Next we have the lysosomes
Breaks down food in animals
Nucleus the oval inside
Controlling all the things
The membrane protecting so strong
Inside's the chromatin
The DNA, ribosomes, made inside
Nucleolus structure where ribosomes lie

Organelles Song



Cell Theory

Are general statements of living things.



- 1) All Living things are composed of one or more cells.
- 2) Cells are the basic building units of structure and function in all organisms.
- 3) All cells come from other living cells.
- 4) The activity of an entire organism depends on the total activity of its independent cells.