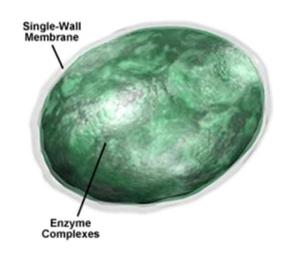
Lysosomes:

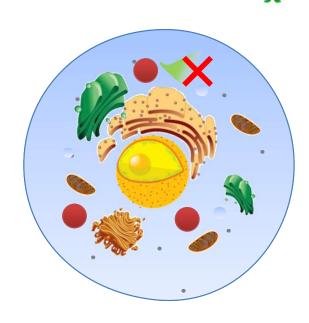
- They are simple, one membrane bound sacs, filled with digestive enzymes.
- These enzymes are made by RER.
- Due to various metabolic activities going on in the cell, organic waste is generated.
- The powerful enzymes are capable of digesting these wastes.
- So lysosomes digest the waste.
- Plant cells have very few lysosomes.

Because generally in most of the plants the waste is stored.



Functions of lysosomes:

As it is the digestive system of the cell, it protects the cell by destroying any foreign material like bacteria and viruses that invade the cell.



Functions of lysosomes:

They remove worn out cellular organelles and remove all organic debris.

Damaged

This promise rutorysis.

So they are cancer as Dem Self digestion





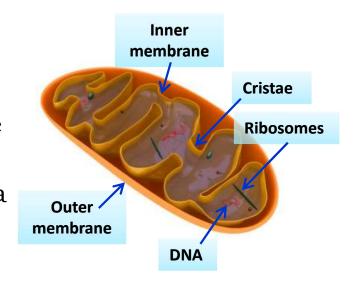
Functions of lysosomes:

- During the disturbance in cellular metabolism, for example, when the cell gets old or damaged, lysosomes burst and the enzymes digest their own cells.
- Therefore lysosomes are also called as 'Suicide Bags'.



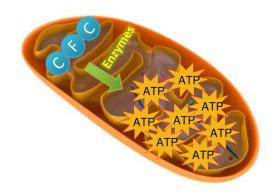
Mitochondria:

- It is a double membrane structure.
- The outer membrane is porous while the inner membrane is deeply folded.
- The folds are called cristae. They create a larger surface area for efficient functioning.
- The mitochondria have their own DNA and ribosomes.
- Therefore they are capable of making some of their own protein.



Mitochondria:

Mitochondria oxidise carbohydrates and fats with the help energy in the form



Functions of mitochondria:

Mitochondria produce energy in the form of ATP which is a energy currency of the cell. Therefore mitochondria are called as the powerhous of the cell

The body us energy and to do mechanical work in of muscles, production of heat, conduction of nerve impulses, etc.

