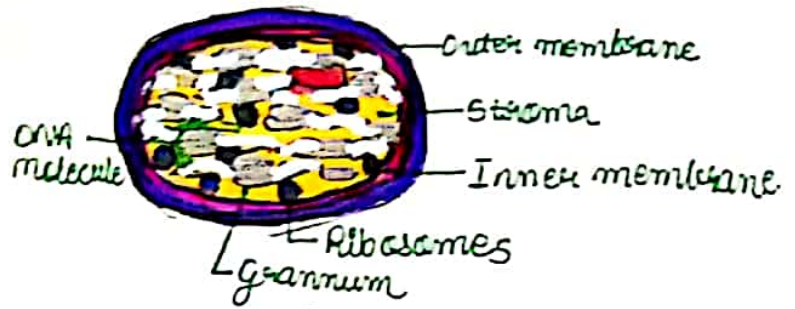


- Green chloroplast, help in synthesis of food.
- Chloroplast is present
- Semi autonomous cell membrane.

(Read Functions from module)



→ Vacuole :-

- Help in osmoregulation.
- By-products of metabolic activities are stored.
- Single membrane bound [tonoplast]



→ Lysosomes :-

- Simple, tiny, spherical, single membrane bound.
- filled with digestive enzymes [lysosomes] [for intracellular digestion and waste disposal]

Functions :-

- From module.
- Due to autophagy, lysosomes digest by it to provide raw materials for cell organ regeneration.

→ Nucleus :-

- Discovered by Robert Brown (1831)
- major cellular component.
- It is spherical and may be located at ~~the~~ centre or at peripheral position.
- Bound by Double nuclear membrane. [porous]
- Nucleoplasm [matrix in nucleus]
- Consist of nucleolus.

↳ ribosome formation

- Contains Chromatin fibres

Chromatin fibres :-

→ Condense and form chromosomes during cell division

