

- Cell Membrane
    - Also known as plasma membrane made of a thin delicate layer made of layers of fats and proteins
    - Completely surrounding cell for absorption of nutrients and disposal of waste and also holds in the constituents
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- Nucleus
    - Differentially permeable controlling the transport of materials in and out of cells
    - Isolate genetic materials which involves in cell division
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- Cytoplasm
    - Controls other cellular activity including synthesis of proteins
    - A jelly like substance that fill up the cell use to suspend various organelles
    - Place where metabolism takes place
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- Mitochondria
    - Rod shape organelle with folded inner structures
    - Site for aerobic respiration to generate energy from glucose, for cellular activity
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- Chromosomes
  - Thread like-structures
  - Made up of nucleic acids, proteins and contains genetic materials
  - Involves in cellular replication