

- **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