

Lesson Vocabulary Words

Lesson: Cell Organelles

1. **Autolysis:** Self-destruction of cells by the cells' own enzymes.
2. **Cell:** The basic structural and functional unit of living organisms.
3. **Cell membrane:** An envelope around the cytoplasm of a cell.
4. **Cytoplasm:** The combination of cytosol (which is the liquid part of the cell) and the organelles of the cell.
5. **Cytosol:** The liquid part of the cytoplasm.
6. **DNA (deoxyribonucleic acid):** An abbreviation for deoxyribonucleic acid which is the inheritable genetic information molecule of the cell.
7. **Endoplasmic reticulum:** Membrane network within the cytoplasm of cells.
8. **Lysosome:** An organelle containing hydrolytic, degradative enzymes.
9. **Mitochondria:** Cell organelles responsible for producing energy.
10. **Nucleus:** Large, membrane-bound organelle containing the cell's hereditary material.
11. **Nucleolus:** Small, round body of protein that is present inside a cell nucleus.
12. **Organelle:** Sub-cellular structure that is present in a cell for a specific function.
13. **Plasma:** The straw-colored fluid part of blood, lymph or milk, in which blood cells or fat globules are suspended.
14. **Ribosome:** Tiny cytoplasmic organelle containing RNA and associated proteins that takes part in protein synthesis.