

Cell Structure and Function

- **Cell Theory:** All living organisms are composed of cells. Cells are the basic unit of life and all cells come from pre-existing cells.
- **Types of Cells:**
 - **Prokaryotic Cells:** Do not have a nucleus or other membrane-bound organelles. Example: Bacteria.
 - **Eukaryotic Cells:** Have a nucleus and other membrane-bound organelles. Example: Animal and plant cells.