

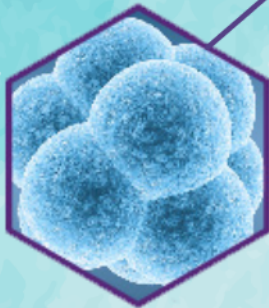
# Cellology

## Introduction:

Cells are tiny building blocks that make up all living things. They are like the bricks that form a house, but much smaller. Every living organism, from plants and animals to us humans, is made up of cells. These cells work together to keep the living thing alive and functioning.



## General Features



Cells have some common features. They are like little bags that hold everything a living thing needs to survive. Each cell has a special «skin» called the cell membrane, which acts like a fence, keeping the insides safe and protected. Inside the cell, there is a control center called the nucleus that holds the cell's instructions.

## Types of Cells

The main types are plant cells and animal cells. Simpler organisms, including bacteria, have simpler cells. They have a membrane and cytoplasm but no nucleus.

In plant cells, a rigid wall surrounds and protects the cell membrane. The wall is made of a woody substance called cellulose. A plant's cell walls make the plant hard enough to grow tall.

