

Cell - Introduction

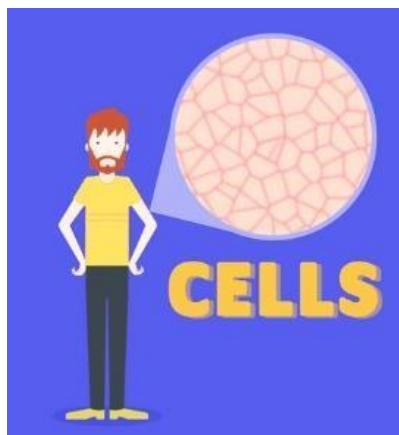
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In this segment of the chapter of 'Cell - The Fundamental Unit of Life', let us get ourselves introduced to the basic unit of life, Cell.

What are Cells?

The building blocks of all living organisms are called **Cells**. Our body is made up of millions of such cells together. Thus, it is said to be the basic, structural, and functional unit of life.



Cells come in different numbers to form our body or any living organism's body. Depending on the number of cells present in the organisms, they are classified into two types:

- **Unicellular Organisms** - They are made up of only a single cell.
For example, bacteria, protozoa, etc.
- **Multicellular Organisms** - They are made up of many cells.
For example, humans, dogs, etc.

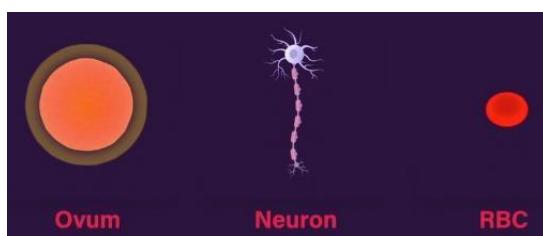


All the cells in the body are not uniform and look very different from each other.

For example, ovum, neuron, red blood cell (RBC), etc.

They differ from one other in various factors like,

- Structures
- Shapes
- Sizes
- Functions



Summary

Cells	<ul style="list-style-type: none">• The building blocks of all living organisms are called Cells.• It is said to be the basic, structural and functional unit of life.
Types of Organisms	<ul style="list-style-type: none">• Unicellular Organisms• Multicellular Organisms
Factors which Differ Cells from Each Other	<ul style="list-style-type: none">• Structures• Shapes• Sizes• Functions

Did you know?

Red blood cells carry oxygen around the body.

What's next?

In our next segment of Class 09 Science, we will learn about the **history of cell studies**.