

# VIDYA BHAWAN BALIKA VIDYAPEETH

## STUDY MATERIAL SCIENCE

### CLASS-VIII

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Teacher : Poonam Kumari

#### ▶ Cells : Structure & Function

The nucleus of unicellular organisms, such as bacteria, is different from the nucleus found in cells of multicellular organisms. There is no nuclear membrane around the nucleus in a bacterial cell. Cells that have a nucleus without a nuclear membrane are called pro cells and organisms with these kinds are called prokaryotes. Common examples are bacteria and blue-green algae.

Cells that have a nucleus enclosed in a nuclear membrane are called eukaryotic cells and organisms with such cells are known as eukaryotes. All living cells other than bacteria and blue-green algae are eukaryotes.