

Chapter 8

CELL STRUCTURES AND FUNCTIONS

Prokaryotic cells and Eukaryotic cells:

There are two types of cells,

1. Prokaryotic cells
2. Eukaryotic cells

Prokaryotic cells, which do not have a well-defined nuclear membrane and the nuclear material lies freely in the cytoplasm of the cell.

Ex: Bacteria, Algae

Eukaryotic cells, having nuclear membrane.

Ex: Plant and animal cells