

Chapter 8

CELL STRUCTURES AND FUNCTIONS

Vacuoles:

Vacuoles is surrounded by a layer called as "Tonoplast layer". Vacuoles are storage sacs for solid or liquid contents.

Vacuoles are small sized in animal cells. While plant cells have very large vacuoles. The central vacuole of some plants cells may occupy 50%-90% of the cell volume. Tonoplast membrane encloses a fluid called cell sap.