

Chapter 5

THE FUNDAMENTAL UNIT OF LIFE

LYSOSOMES:

They are spherical organelles, which contains enzymes that help in maintaining the physiologic turnover of cellular constituents. These organelles are present in all animal cells and absent in plant cells.

- Lysosomes play a vital role in breaking the food materials and making it easier to digest. It is also called as "Suicidal Bags", as it helps in cell renewal and break down old cell parts. Lysosomes attack the disease-causing agents such as bacteria, viruses, fungi, food and old organelles and break them into small pieces that can hopefully be used again.