

INTRODUCTION

What is an cell ?

A cell is the basic fundamental and Structural unit of living organisms

Organisms can be divided into unicellular and multicellular organisms .Unicellular organisms are capable of independent existence and performing essential functions of life

Anton Von Leeuwenhoek first saw and described a live cell and Robert brown discovered the nucleus

Invention of electron microscope revealed detailed structures of cells

CELL THEORY

MATHIAS SCHLEIDEN:He is a German botanist who observed in 1838 that plants are composed of different types of cells which form the tissues of the plant	Final Shape of Cell theory :
THEODORE SCHWAN: He is a British zoologist who reported plants have a thin outer layer which is called plasma membrane today.And he also found out that plant cell is unique character of plant cells .Based on this he concluded all living organisms are composed of cells and products of cells	1:All living organisms are composed of cells and products of cells
RUDOLF VIRCHOW:He found out in 1855 that cells divided and new cells are formed from pre existing cells(Omnis cellula-e cellula)	2:All cells arise from pre-existing cells



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