

Cell: The Unit of life

Lecture - ①

①



What is cell.

⇒ Fundamental structural & functional Unit of living organism

	Inanimate (Non living)	animate (living)
cell	absent	present

Protoplasm

⇒ cytoplasm + Nucleus

⇒ living part of cell

⇒ protoplasm + cell membrane ⇒ protoplast

⇒ protoplast: cell without cell wall

Organism

⇒ all organism composed of cell

Unicellular

single cell perform all
function so independent
existence occur

eg Amoeba, Euglena,
paramecium etc

multicellular

different cell perform
different function

eg: Plants, animals (Human)

Discovery of cell

⇒ 1st time: Robert Hooke, Plant CORK CELL, DEAD CELL, protoplasm absent

⇒ 1st time: Living cell: Anton Van Leeuwenhoek, Bacteria

Discovery of Nucleus

⇒ Robert Brown

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