

### CELL HISTORY

Robert Hooke = Dead cell

Robert Brown = Nucleus

Anton Leeuwenhoek = Living Cell

### CELL THEORY OF LIFE

MATTHIAS SCHLEIDEN ALL PLANTS ( living organisms ) ARE COMPOSED OF CELLS

THEODORE SCHWANN PRESENCE OF PLASMA MEMBRANE & CELL WALL

RUDOLF VIRCHOW CELLS DIVIDED AND NEW CELLS ARE FORMED FROM EXISTING CELLS

### PROKARYOTIC CELLS

PRIMITIVE NUCLEUS, NAKED DNA

PLASMIDS

RESISTANCE TO ANTIBIOTICS, MONITORS

BACTERIAL TRANSFORMATION WITH FOREIGN DNA

ORGANELLES ABSENT EXCEPT RIBOSOMES



By **Priyadarshini Mishra**  
(priyapiyumishra)

[cheatography.com/priyapiyumishra/](https://cheatography.com/priyapiyumishra/)

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