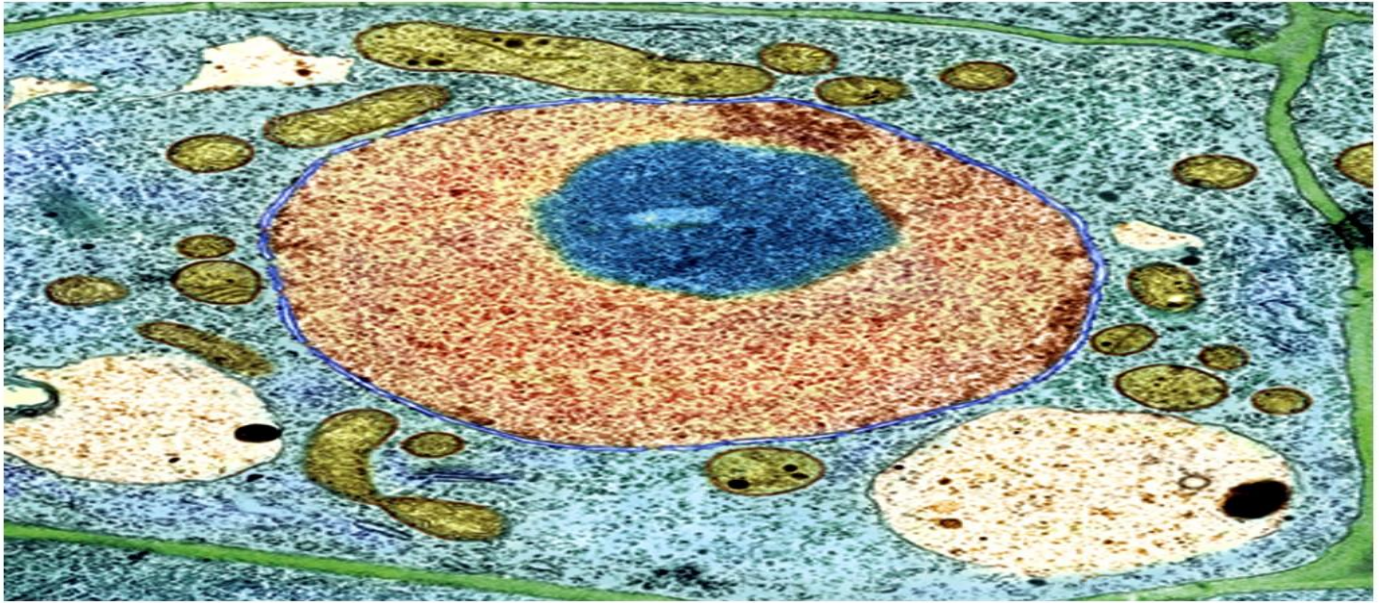


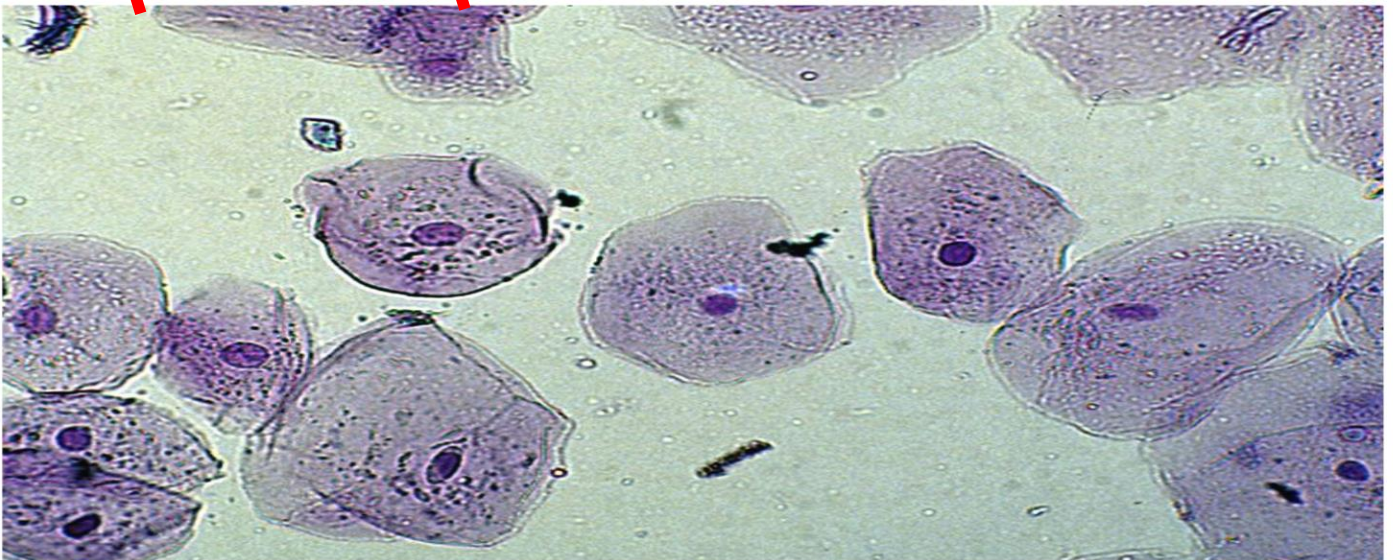
- Eukaryotic



Characteristics of All Cells

- Cell membrane: the layer that covers the cell, separates the cell from the environment, and controls what moves in and out of the cell
- Cytoplasm – area of cell inside cell membrane
- Ribosomes – organelles where proteins are made
- Control center with DNA

Preview from Notesale.co.uk
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Prokaryotic Cells

Centrioles (Animals Only)

1. **Function:** microtubules that help divide the cell during cell division.
2. **Structure:** Tubules



Cilia & Flagella

1. **Function:** provides movement for the cell or objects moving by the cell
2. **Structure:**
 - a. Flagella – 1 long fiber
 - b. Cilia – many short fibers

Chloroplasts (Plants only)

1. **Function:** site of photosynthesis (converting sun and CO₂ into sugar).
2. **Structure:** Membrane bound organelles that contain chlorophyll

