

# CELLS

PROKARYOTE vs EUKARYOTE



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# Prokaryotic cells

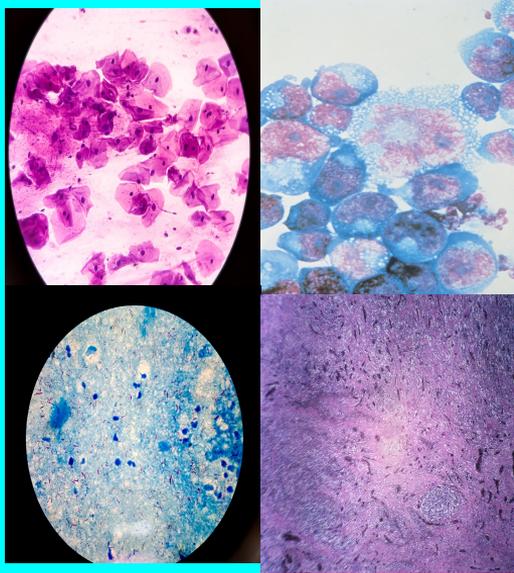
- 1.Main definitions:**A very simple, single cell organism like bacteria that don't have a nucleus.
- 2.Nucleus:**They don't have a nucleus.
- 3.Genetic material (DNA):**Their DNA floats in the cytoplasm.
- 4.Organism examples:**All bacteria and archaea.
- 5.Size:**They are smaller and simpler than other cells.

# Eukaryotic cells

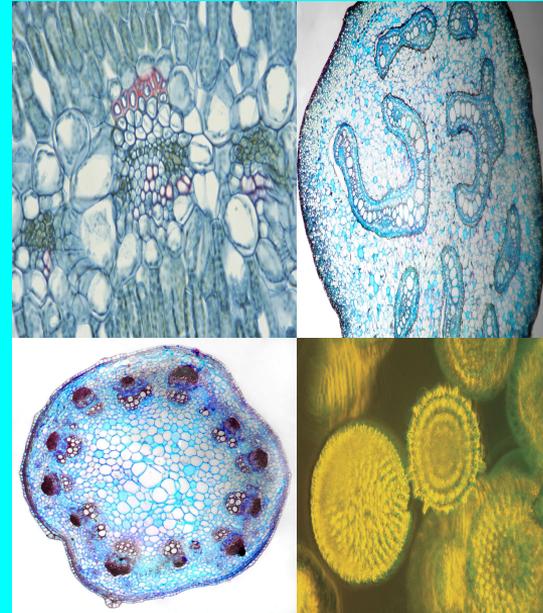
- 1.Main definitions:**They are complex cells.
- 2.Nucleus:**They have a nucleus.
- 3.Genetic material (DNA):**The DNA is found in the nucleus.
- 4.Organism examples:**Animals,plants,fungi and bacteria.
- 5.Size:**They are bigger and more complex.

# Eukaryotic examples

Animal cells:

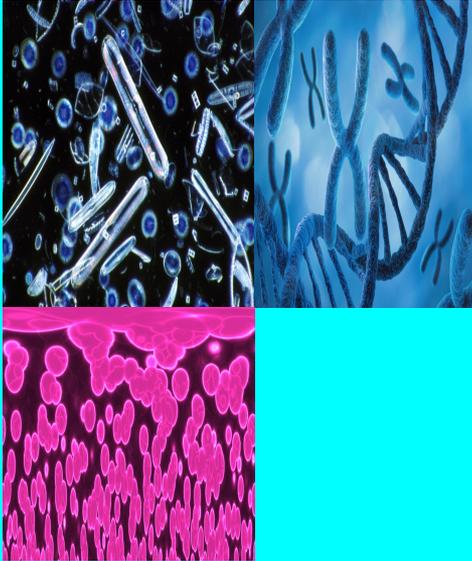


plants cells:



# Prokaryotic examples

## Bacteria:



## Archaea:

