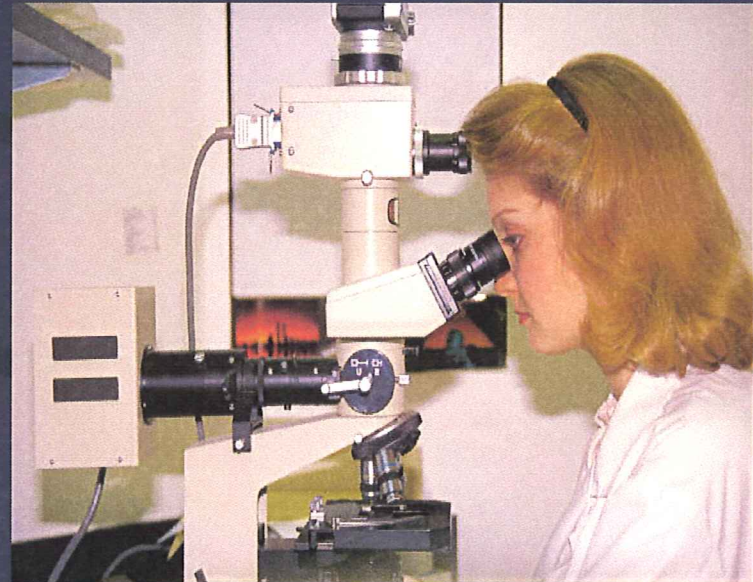


What are microbes?

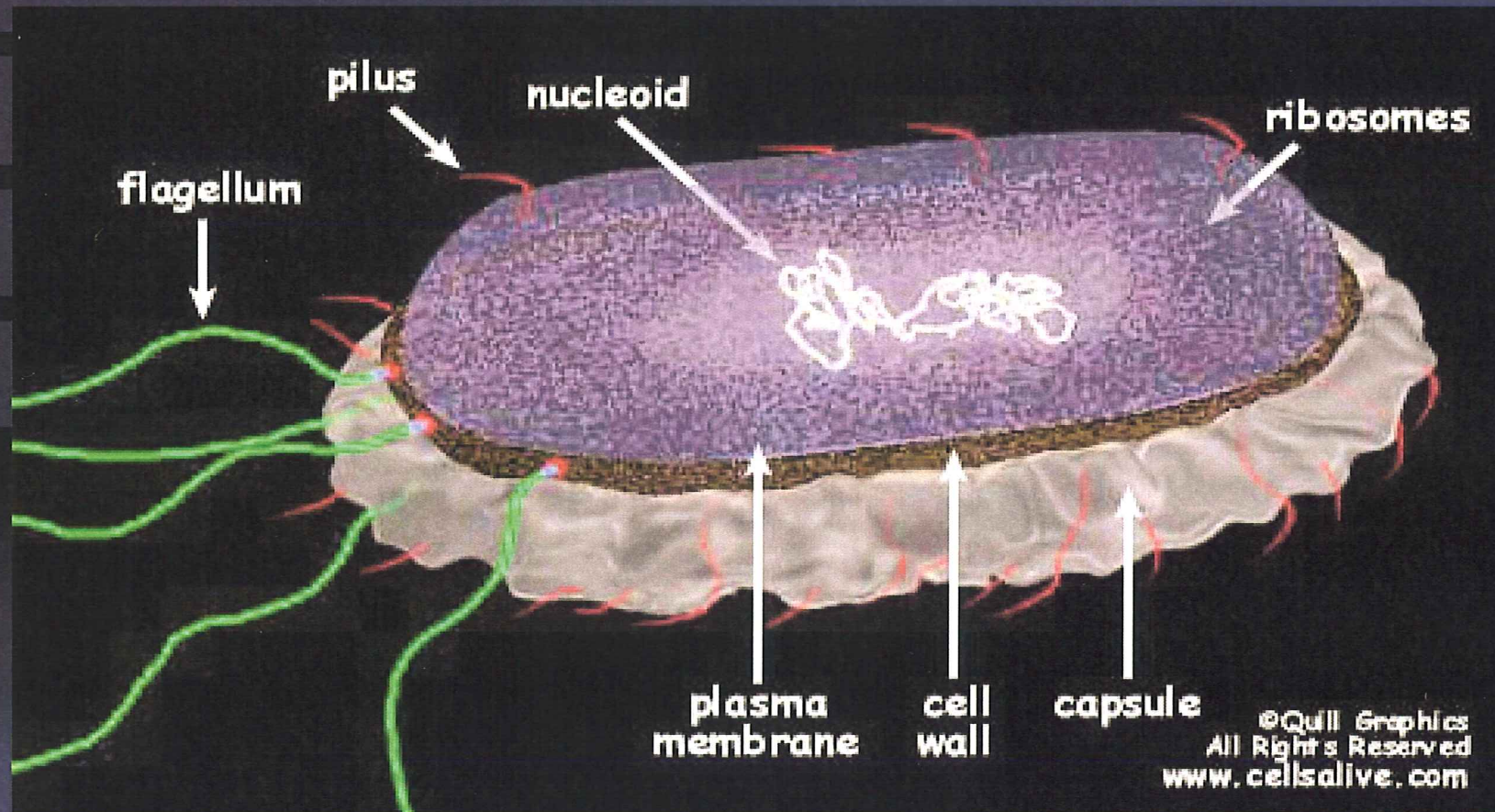
Tiny creatures that individually are too small to be seen with the unaided eye.

- Bacteria
- Fungi (yeast and mold)
- Protists
(algae, amoebas, slime molds and protozoa)
- Viruses



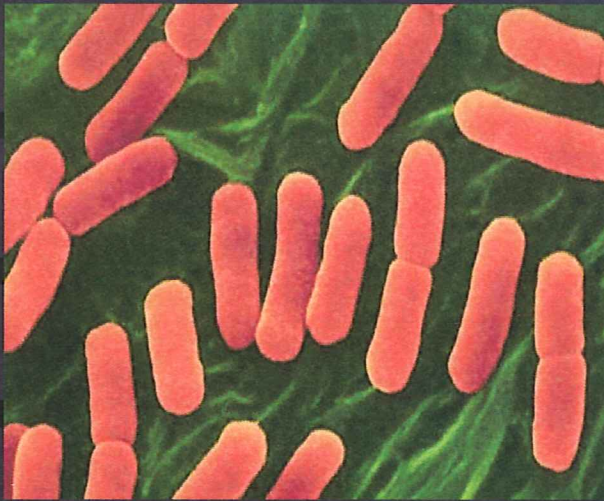
Bacteria (Single cell)

The size of bacteria cell ranges from 0.25 – 10 μ m



How do bacteria reproduce?

1) Asexual cell division (binary fission):



E. Coli:

A single cell can
become
1 billion in just 10
hours



Ralstonia

(Day 2, TSB, 22° C)

Generation time = 10.8hr