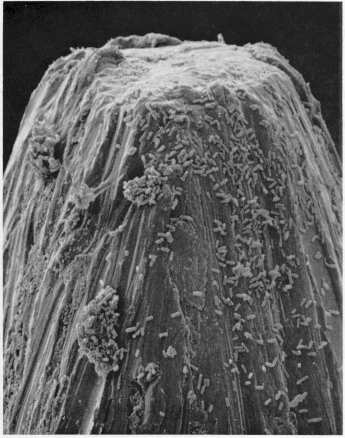
**Prokaryote cells are smaller and simpler:-**

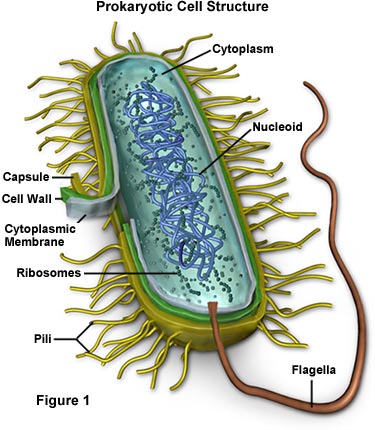
* Commonly known as bacteria.
* 10-100 microns in size.
* Single-celled(unicellular).
* Filamentous (strings of single cells).

  **These are prokaryote**

**E. coli bacteria on the head of a steel pin.**

**Prokaryote cells are simply built (example: E. coli)**

* Capsule: slimy outer coating.
* Cell wall: tougher middle layer.
* Cell membrane: delicate inner skin.



* Cytoplasm: inner liquid filling.
* DNA in one big loop.
* Pilli: for sticking to things.
* Flagella: for swimming.
* Ribosomes: for building proteins.

**Prokaryote lifestyle**

* Unicellular: all alone.
* Colony: forms a film.
* Filamentous: forms a chain of cells.

**Prokaryote Feeding**

* Photosynthetic: energy from sunlight.
* Disease-causing: feed on living things.
* Decomposers: feed on dead things