- **Coccus (plural, cocci):** Cells that are spherical in shape. The picture shows cocci arranged singly.

- **Streptococcus:** A bacterium with spherical cells arranged in chains, like beads on a string.

- **Staphylococcus:** A bacterium with spherical cells arranged in clusters, like clusters of grapes.

- **Diplococcus:** A bacterium with spherical cells arranged in pairs.

- **Tetrad:** Spherical bacterial cells arranged in a group of four. A tetrad arrangement looks almost like a square under the microscope.

- **Sarcina (plural, sarcinae):** Spherical bacterial cells arranged in a group of eight. Sarcinae look like small cubes and may be difficult to distinguish from tetrads.

- **Bacillus (plural, bacilli):** A bacterium with rod-shaped cells. The picture shows bacilli arranged singly.

- **Diplobacillus:** A bacterium with rod-shaped cells arranged in pairs.

- **Streptobacillus:** A bacterium with rod-shaped cells arranged in end-to-end chains. Streptobacilli often resemble link sausages.

- **Coryneform bacillus:** A bacterium with irregularly rod-shaped cells arranged at angles to form V- and L-shaped arrangements.

- **Spirillum (plural, spirilla):** A bacterium with cells that are rigid and spiral in shape.

- **Vibrio:** A bacterium with curved or comma-shaped cells.

- **Spirochaete:** A bacterium with flexible, spiral-shaped cells. Spirochetes often appear helical or corkscrew-shaped with tapered ends.