

		together.
Lysosomes	Type of Golgi vesicle . Nicknamed as 'suicide bags'.	Contains hydrolytic enzymes to break down unwanted organelles or material taken into the cell by phagocytosis.

Prokaryotic Cells

Bacterial cells are an example of prokaryotic cells. These cells contain **no true nucleus**, contain **no membrane-bound organelles** and are much **smaller** and simpler than eukaryotic cells.

Organelles	Description/function
Pili/fimbriae	Allows bacteria to attach to other bacteria, other cells and substrates.
Capsule	Protects the cell and allows attachment to other cells.
Flagella	For movement .
Plasma	Controls the flow of small molecules in and out of the cell.
Mesosome	Twirled inner folding of the membrane.
Nuclear zone	Contains the DNA and RNA.
Ribosomes	For proteinsynthesis .
Plasmids	Circular DNA not associated with histones.
Cell wall	Made of glycoprotein in murein/peptidoglycan.