

What is *cell theory*?

Why are cells small?

What is the difference between *prokaryotic* and *eukaryotic* cells?

Describe the important structures of bacteria?

What are *Archea*?

What is the possible origin of some organelles?

Describe the structure and function of:
Nucleus

Ribosomes

Rough endoplasmic reticulum

Smooth endoplasmic reticulum

Golgi bodies

Lysosome

Perioxisomes

Vacuole

Chloroplasts

Mitochondria

Cytoskeleton

Centriole

Cilia

Flagella

What are differences between plant and animal cells?