

GCSE Biology - Cell Types and Cell Structure #2

Similarities and Differences between Animal and Plant Cells In this discussion, we will explore the similarities and differences between animal and plant cells, which are both examples of eukaryotic cells. We will also take a look at bacterial cells. Animal Cell vs. Plant Cell Let's compare an animal cell and a plant cell side-by-side to highlight their similarities and differences.

Animal Cell	Plant Cell
Does not have a cell wall	Has a rigid cell wall made up of cellulose
Has small, round lysosomes	Has larger, rectangular lysosomes
Has centrioles that aid in cell division	Does not have centrioles

In addition to their differences, animal and plant cells also have similarities. They both contain ribosomes, which are responsible for protein synthesis.

Bacterial Cells Bacterial cells, on the other hand, are different from eukaryotic cells. While they do not have a nucleus or other membrane-bound organelles, they do have flagella, which are threadlike structures that protrude out from the bacteria and can rotate to propel the bacteria along.

Preview from Notesale.co.uk
Page 1 of 1