

# PLANT CELL

Plant cells are rectangular shaped, eukaryotic, or nucleus-containing, cells with a rigid cell wall. Within the plant cell structures called organelles, perform functions necessary to cell and plant survival. On average, plant cells are between 10 and 100 micrometers long, around the same size as the diameter of a human hair. Unlike animal cells, plant cells make their own food through photosynthesis. This process, powered by energy from sunlight, involves producing oxygen and glucose from water and carbon dioxide.

