

Prokaryotic and Eukaryotic Cell Structures and Functions

Structure	Function	Types of Cells (select all that apply)			
		Prokaryotic Cells	Eukaryotic Cells	Plant Cells	Animal Cells
actin filaments					
cell envelope					
cell wall					
central vacuole					
centrioles					

Structure	Function	Types of Cells (select all that apply)			
centrosome					
chloroplast					
chromatin					
cilia					
conjugation pili					
cytoplasm					

Structure	Function	Types of Cells (select all that apply)			
cytoskeleton					
endoplasmic reticulum (er)					
flagella					
glycocalyx					
Golgi apparatus					
intermediate filaments					

Structure	Function	Types of Cells (select all that apply)			
lysosome					
microtubules					
mitochondrion					
nuclear envelope					
nucleolus					
nucleus					

Structure	Function	Types of Cells (select all that apply)			
peroxisome					
plasma membrane					
plasmids					
ribosomes					
rough er					
smooth er					

Structure	Function	Types of Cells (select all that apply)			
thylakoids					
vesicle					

Figure 4.6 Typical animal cell. Micrograph of a human cell (right) and drawing of a generalized animal cell (below).

