Station 1: Eukaryotic Cell Structure



1. List three differences between the two types of cells.
2. Are these both considered living organisms? Why?

Station 2:



1. Is this an animal or plant cell?
2. List 3 organelles present in this cell.

Station 3:



1. Is this an animal or plant cell?
2. List 3 organelles present in this cell.

Station 4:



1. Describe 3 differences between the plant and animal cell.
2. Are these prokaryotic or eukaryotic cells?

Station 5:

1. What is the bacterial cell missing that the plant and animal cells have?
2. Is a bacterial cell a prokaryotic or eukaryotic cell?
3. Are bacteria living?

Station 6:

1. According to the levels of organization of life, list the following terms in order from smallest to largest.

**Atom, organ system, cell, organ, organelle, tissue, organism, molecule**

Station 7:

1. According to the picture above, a virus contains DNA, however it is not considered a living organism. Explain why this is true.