THE CELL LEARNING ACTIVITIES

Comparison of Eukaryotic vs. Prokaryotic Cells

Prokaryotic vs Eukaryotic Cells PPT under “Learning Activities”

Place the parts of these two types of cells into a Venn Diagram. (use PPT)

What organism is exclusive to prokaryotic cells?

Endosymbiosis

<http://highered.mcgraw-hill.com/sites/9834092339/student_view0/chapter4/animation_-_endosymbiosis.html>

Define Endosymbiosis.

What type of active transport played a role endosymbiosis of bacteria?

What benefit does engulfing a bacteria have for the eukaryotic organism and prokaryotic organism?

Based the on the pictures, what organelles came about through folding?

Summary of Functions (one sentence each)

<http://learn.genetics.utah.edu/content/begin/cells/insideacell/>

Nucleus

Rough Endoplasmic Reticulum

Smooth Endoplasmic Reticulum

Mitochondria

Cytoplasm/ Cytosol

Lysosome

Ribosome

Golgi Apparatus

Plasma Membrane

Cell Wall