**Gale Scavenger Hunt**

Gale Interactive Science: Animal Cell

**Directions** Use the Library’s database called *Gale Interactive Science* to find answers to the following questions about **Animal Cell.** Write your **answer** and the **source** for the information listed in the article in the spaces provided below. *To answer these questions, use the* ***Animal Cell Activity****. From the home page, click on the subject,* ***Biology*** *and open the activity titled* ***Animal Cell****.*

To begin, click on **Start Activity**, you will find short captions of information, a 3-D interactive activity, and on the right an article with information about the subject. In the **Activity**, click on the top part of the membrane, what is the name of this part of the membrane? Read the article for the next two questions.

**1**

What is one of the most important compartments of a cell? The shape of cells is maintained by

a cytoskeleton, what are the three membrane-free organelles that make a cell skeleton or cytoskeleton?

# Answers: Source:

**2**

Continue to work through the **Animal Cell Activity**, use the third image and activity on the **Nucleus** to answer these questions. What does the nucleus control? What does the nucleus store? When

you click and drag the Nucleus from the cell, what part of the Nuclear membrane is underneath?

# Answers: Source:

**3**

The **Endoplasmic Reticulum** or **ER** is the cell’s transportation network and is a series of inter connected membranes beside and connected to the nuclear membrane. There are two different types of endoplasmic reticulum (ER). What are the two types? What does the immune system label

mis-folded protein as?

# Answers: Source:

**4**

**Mitochondria** are organelles that are found in nearly all eukaryotic cells. What is the main function

of the mitochondria? Read the paragraph on **Reproduction**, why do mitochondria replicate their DNA and divide? When the energy use of a cell is high, what do the mitochondria do? What becomes of the mitochondria when energy use by the cell is low?

# Answers: Source:

**5**

For this last question, you will need to use the final three interactive slides in the **Activity**. Complete Quiz 1-3 of the **Animal Cell Activity** and share your answers.

# Answers: Source:



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