

## Topic: Cell vs. Organ System

Learning Objective/Outcome: Compare the functions of cell organelles to the functions of an organ system.

**Keywords/Questions**

**Notes**

What organ system is cytoskeleton similar to?

Compare cytoskeleton, skeletal system, and muscular system.

What organ system is the cell membrane similar to?

Compare cell membrane and the integumentary system.

What organ system is mitochondria similar to?

Compare mitochondria to the digestive system.

What organ system is similar to lysosomes and vacuoles?

Compare lysosomes and vacuoles to the excretory system.

What organ system is the nucleus similar to?

Compare the nucleus and nervous system.

Summary