

Initial Post Instructions

The past two weeks have deepened my understanding of the human body's building blocks. From the intricate processes inside animal cells, to the organization of the tissue types. Week three was learning about plasma membrane, cytoplasmic organelles, and the nucleus, and included how all of those parts work together to support cell function, protein synthesis and cell division. Week 4 helped me make connections to those cellular components to the larger tissue systems (epithelial, connective, muscular, and nervous) and understand how their structure supports their role in maintaining homeostasis. While I am starting to grasp more of material each week, I do still have some lingering questions about two concepts:

1. Receptor-mediated endocytosis – How does this contribute to viral infections? Specifically, how viruses manipulate the process to enter cells.
2. Smooth endoplasmic reticulum (ER) - I would like to get more clarification on how the smooth ER influences drug tolerance, particularly when it relates to metabolism and detoxification within cells.

Follow-Up Post Instructions

As a follow up, respond to a peer's question and discuss how you have prepared for the exam this week and what has helped you so far in your learning process.

Be sure to include the topic you have chosen for your Week 7 project is related to what you have learned so far in class.

We encourage you to post by Wednesday to get this conversation started!

This checkpoint will also serve as a weekly attendance tracker.