

## Lecture 2: Active Learning Questions

1. What *body level of organization* maintains *homeostasis*? *Where* or *within what body compartment* is *homeostasis* maintained?
2. What do *plasma* & *interstitium* have in common? How do they *differ*? Where do they *mix/mingle*?
3. Crucial balance variables are continually driven toward a predetermined *set point* to maintain *homeostasis*. This is accomplished by a process called *negative feedback*. Define *negative feedback* using very few words. When might *positive feedback* occur?
4. Can you see a *single cell* or *group of cells*? Explain.
5. What is an *organelle*? List the name and basic *function* of 5 key *organelles*.