

### Lecture 3: Active Learning Questions

1. *What is compartmentalization? Why is it important for cell function?*
2. *How do the endoplasmic reticulum and golgi complex work together?*
3. *How do lysosomes and peroxisomes differ?*
4. *Where is the electron transport chain located? What is produced by the electron transport chain?*
5. *What is a gene? What do genes code for?*