Assignments

In addition to TV show clip about squid giant axons. This TV documentary features many remarkable programs. Some limit accuracy. Others are accurate (and can be used for self-study).

Recent through the University of Oklahoma. The relatively simple programs are designed for you and us to evaluate YOUR level of understanding. The questions will appear on the first page of each exam. Sensory transduction will call on you to pose questions. The examiners will not be readily available in any single resource. During each exam period, you are welcome to utilize any "print" resource including your notes, textbooks, review articles, original papers, websites, and the like, as you see fit. It's crucial to understand that while some AI-generated responses may appear correct, others could be misleading. The AI services do not qualify as 'individuals'; however, they are unlikely to provide useful assistance for our purposes. We can suggest extra reading items, etc. Please contact the course directors and/or instructors.

We very strongly recommend that you browse through the past examinations and their solutions, if available. There are no "right" or "wrong" answers to the questions. However, the use of AI services is restricted to the AI-generated responses are often amusingly off-target. The examiners are designed for you and us to evaluate YOUR level of understanding. The questions are usually worded to encourage thoughtful analysis. The examiners will monitor your in-class participation. If you have any grading issues within one week, please contact the course directors and/or your course instructors.

Course directors:

- "Electrical Language of Cells"
- "Reproducibility (Hoshi)
- "Molecular and cellular biophysics, Jackson"
- "Materials and methods (Coulter)" / "Passive properties (Coulter) / "Transmembrane potential (Coulter)"
- "Synaptic mechanisms II (Parsons)"
- "Neurotransmitter release (Rees)"
- "Fusion pore assembly (Hoon)
- "Sensory transduction (Coulter)"
- "Excitation-contraction coupling (Edelstein)"
- "Repolarization (Hoon)"
- "Postrepolarization recovery (Hoon)"