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Vertebrate Physiology, ECOL 437
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Thanksgiving Question:

- A. Based on your knowledge of digestive physiology, and the fact that turkey contains L-tryptophan, briefly describe why you might feel tired after a large meal containing turkey.

Finding Nemo Questions:

1. Marlin hyperventilates after extended periods of fast-pace swimming. Would hyperventilation be a response in real clown fish? Why or why not? How would exhausted fish respond?
2. Provide an example from the movie that eloquently demonstrates lateral inhibition.
3. Poor Nemo has asymmetrical fins. How do you think this affects his swimming ability? Do you think the proportion of muscle fibers in the muscles to each of his two lateral fins is the same? Do you think metabolic byproducts like lactic acid may become more concentrated on one side of the body than the other during vigorous swimming? Please explain and justify your responses.

Absentees:

What is the name of the baby sea turtle? Do all the young sea turtles have the same eye color? If not, name the colors.