

Dental Conference 5

1. Do G proteins play a role in smell or taste signal transduction? Explain.
2. Do olfactory sensory neurons and taste cells have axons? How is information transmitted from them to the cerebral cortex?
3. How does the olfactory system code for different odors?
4. How do feedforward and feedback control of motor systems differ? Give an example of each.
5. What is the difference between the kinematic program and the dynamic program for arm movement?
6. Which areas of the CNS contribute to descending control of spinal cord motor neurons controlling distal (limb muscles)? Which contribute to descending control of the axial musculature?