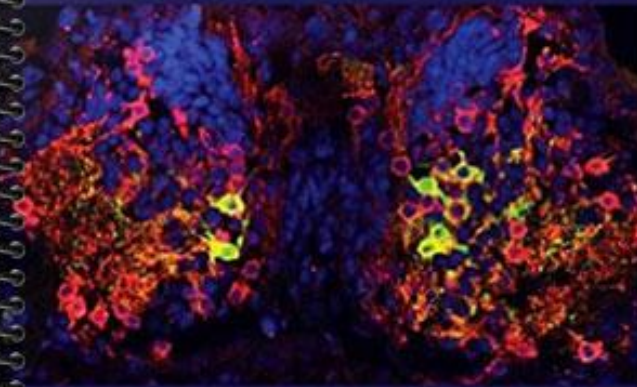


TEST BANK

Copyrighted Material

Fundamental Neuroscience



FOURTH EDITION

Larry R. Squire ■ Darwin Berg ■ Floyd E. Bloom

Sascha du Lac ■ Anirvan Ghosh

Nicholas C. Spitzer

Copyrighted Material



Fundamental Neuroscience, fourth edition

Chapter 2 Questions

1. Define the neuron doctrine.
2. What is the basic organization of the hydra's nervous system?
3. List and define three ways in which the flatworm nervous system is more complex than the cnidarian nervous system.
4. How do interneurons enhance the processing capability of nervous systems?
5. What is neurulation?
6. Describe the rhombic lip and the neurons that originate from this structure.
7. Describe the three motor systems of the vertebrate body plan.
8. How do the macrocircuitry and microcircuitry of the brain differ in terms of how their organization is shaped?
9. Highlight three methods historically used to determine the morphology and connectivity of CNS neurons.
10. What are the components of the peripheral nervous system?
11. How do the two halves of the cerebral cortex communicate?
12. What is the choroid plexus, and what functions does it serve?