

PHYSIOLOGY OF PERCEPTION

1. Brain as Center of Perception

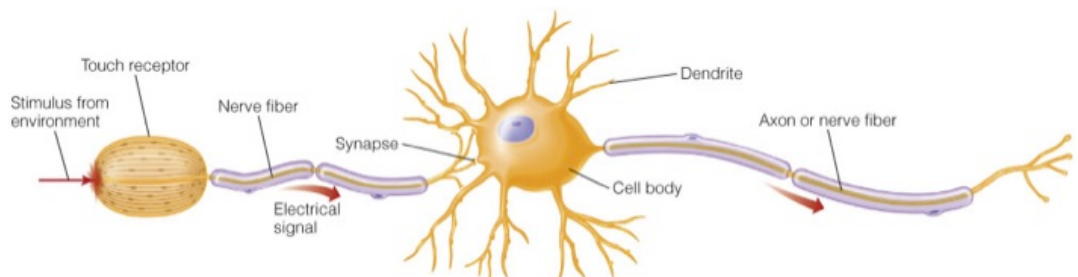
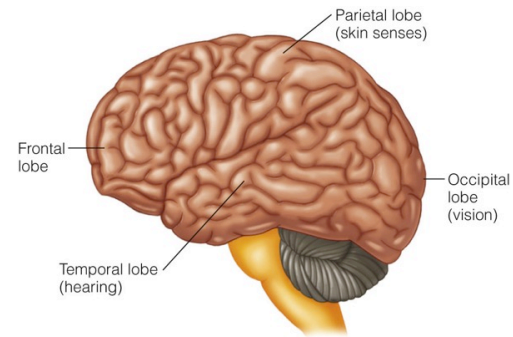
2. The Neuron Doctrine

3. Basic Brain Structure

4. Neurons: Transduction & Transmission

5. Receptors

6. Key components of neurons:

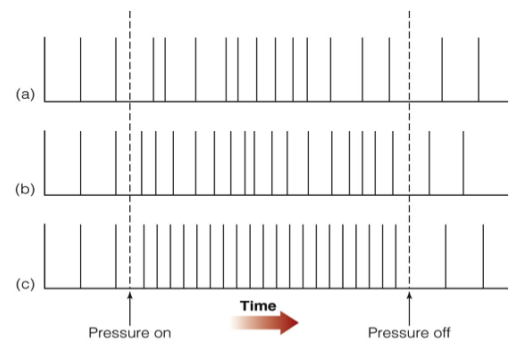


7. Neural Signals

7.1. Electrical signals or action potentials occur when:

8. Properties of Action Potentials

9. Stimulus Intensity & Firing Rate



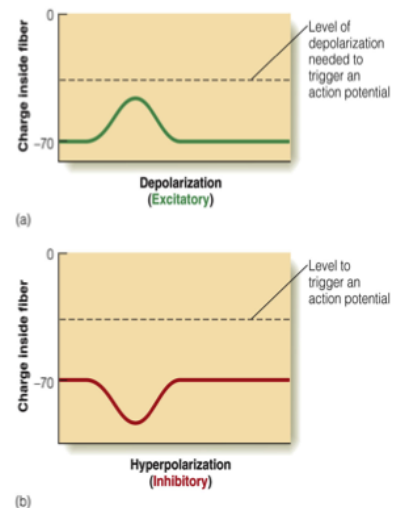
10. Synaptic Transmission of Impulses

10.1. Neurotransmitters are:

10.2. Types of Neurotransmitters

10.2.1. Excitatory transmitters

10.2.2. Inhibitory transmitters



11. Neural Circuits

11.1. Simple Circuit

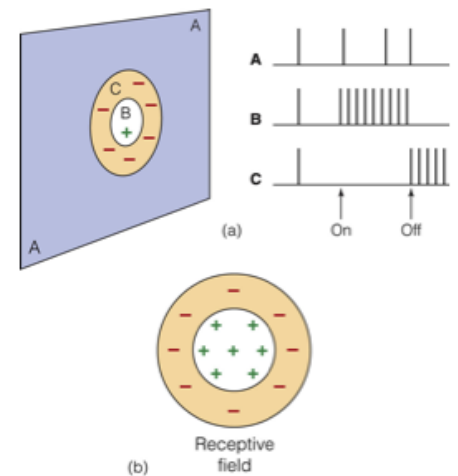
11.2. Convergent Circuits (+ only)

11.3. Convergent Circuits (+ and -)

12. Receptive Fields

12.1. Center-Surround Receptive Fields

12.2. Center-Surround Antagonism



13. Sensory Code: Specificity Encoding

14. Sensory Code: Distributed Encoding