

SHP Neuroscience

Lecture 3: Synapses and Synaptic Transmission

October 5, 2013

Learning Objectives:

- (1) Know the major structural components of the synapse.
- (2) Learn the steps of synaptic transmission from action potential to the post-synaptic response.
- (3) Know which ion and channel is key to synaptic transmission.
- (4) Understand what it means for a synapse to be either *excitatory* or *inhibitory*.
- (5) Know the major *excitatory* neurotransmitter and the major *inhibitory* transmitter.

Supplement:

