

Quiz #2

Invertebrate Learning

We have covered the mechanisms of invertebrate associative plasticity in *Aplysia* and *Drosophila*; in the lectures on synaptic plasticity, hippocampal LTP and L-LTP were discussed. Describe the similarity and differences between the mechanisms proposed for vertebrate and invertebrate synaptic plasticity with respect to:

- a) cellular locus
- b) stimuli to be associated
- c) affected kinases / phosphatases
- d) postulated effector molecules