

Assignments and Activities - 6

Task 1: Test your understanding

Question 1: What are the three criteria that are used to determine whether a chemical serves as a neurotransmitter?

Question 2: Synaptic inhibition is an important feature of the circuitry in the cerebral cortex. How would you determine whether Gly (glycine) is an inhibitory neurotransmitter of the cortex?

Task 2: Documenting diseases

Visit the website <http://www.parkinson.org> about Parkinson's disease and write a brief summary of your findings. While browsing through the Web site, concentrate on the following topics.

a. What are the symptoms of Parkinson's disease?

b. What is the role of dopamine in Parkinson's disease?

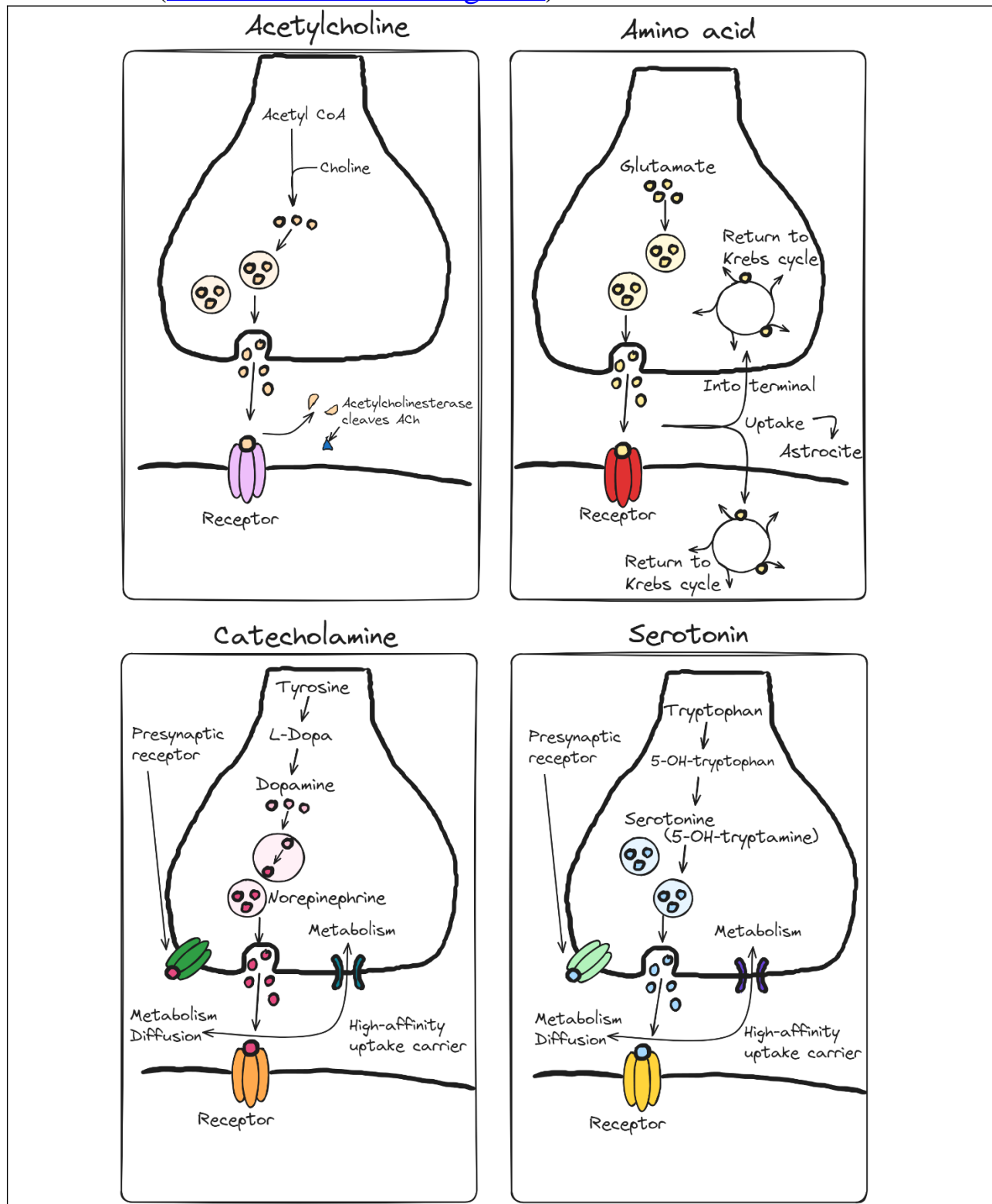
c. What is L-dopa and how is it useful?

d. What are the side effects of L-dopa treatment?

e. What is the status of research with respect to Parkinson's disease?

Task 3: Draw me a Brain Ep. 6

Draw this ([link to editable drawing here](#)):



Your turn: