**Assignments and Activities - 6**

**Task 1: Test your understanding**

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

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**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?

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**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?

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

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

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

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

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**Task 3: Draw me a Brain Ep. 6**

Draw this ([link to editable drawing here](https://github.com/ClaudiuPapasteri/DrawMeABrain/tree/main/DMAB-06)):

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| C:\Users\User\c\FACULTATE - CURSURI\NeuroScience\000 Main\MyCourse\06_Ch6 Neurotransmitter Systems\DMAB-06\DMAB-06_fin_1.png |

Your turn:

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