



Brain, Behaviour, and cognition (M5X00908)

BIOLOGICAL SEMINAR

The Role of the hippocampus in memory

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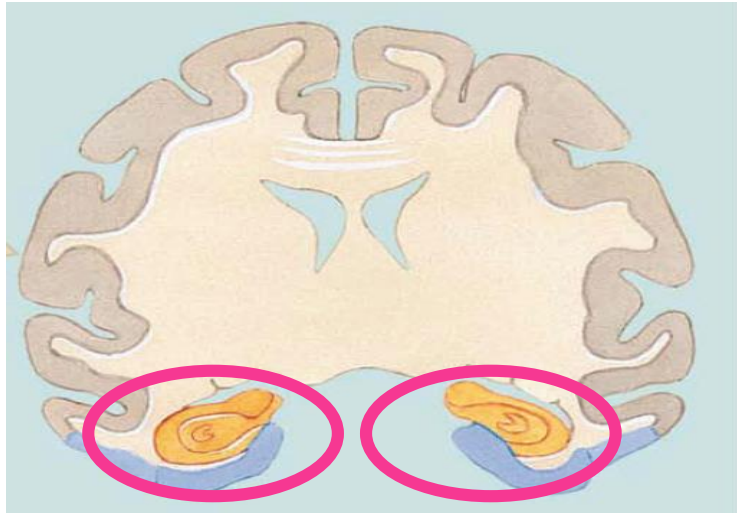




SEMINAR COVERAGE

- Complete worksheet on the role of the hippocampus in memory.
- Watch video depicting the story of H.M.'s surgery and consequences for his memory.

HIPPOCAMPUS



Located in the medial temporal lobe



Often referred to as the sea horse structure

HIPPOCAMPUS WORKSHEET

- Complete worksheet on role of hippocampus in memory.
- In particular focus on this role in relation to the following:
 - Object Recognition
 - The Lesion paradox
 - Spatial location
 - Theories of hippocampal functioning
- Use information from the “Learning, Memory, & Amnesia” lecture slides and Chapter 11 of the Biopsychology book.
- Discuss specific research studies and provide references.
- You can work in groups.
- 30-35 minutes to complete worksheet
- 10-15 minutes class discussion of answers

H.M.

- Amnesiac: The case of H.M - <https://www.youtube.com/watch?v=7mvx-mAUJL8>