

References

1. Hebb, D.O. (1949). *The organization of behavior; a neuropsychological theory*. Oxford, England: Wiley.
2. Josselyn, S. A. & Tonegawa, S. Memory engrams: Recalling the past and imagining the future. *Science* **367**, (2020).
3. Tulving, E. (1972). *Episodic and semantic memory*. In E. Tulving & W. Donaldson, *Organization of memory*. Academic Press.
4. Behrens, T. E. J. *et al.* What is a cognitive map? organizing knowledge for flexible behavior. *Neuron* **100**, 490–509 (2018).
5. McClelland, J. L., McNaughton, B. L. & O'Reilly, R. C. Why there are complementary learning systems in the hippocampus and neocortex: Insights from the successes and failures of connectionist models of learning and memory. *Psychological Review* **102**, 419–457 (1995).
6. Gilboa, A. & Marlatte, H. Neurobiology of schemas and schema-mediated memory. *Trends in Cognitive Sciences* **21**, 618–631 (2017).
7. Bunsey, M. & Eichenbaum, H. Conservation of hippocampal memory function in rats and humans. *Nature* **379**, 255–257 (1996).
8. Miyamichi, K. *et al.* Cortical representations of olfactory input by trans-synaptic tracing. *Nature* **472**, 292-296 (2011).
9. Chae, H. *et al.* Long-range functional loops in the mouse olfactory system and their roles in computing odor identity. *Neuron* **110**, 3970-3985 (2022).
10. Koh, T.H. *et al.* Dimensionality reduction of calcium-imaged neuronal population activity. *Nature Computational Science* **3**, 71-85 (2023).
11. Chua, L.O., Komuro, M. & Matsumoto, T. The double scroll family. *IEEE Transactions on Circuits and Systems* **11**, 1072-1119 (1986).
12. John O'Keefe & Lynn Nadel (1978). *The Hippocampus as a Cognitive Map*. Oxford University Press, Oxford, UK.