

Memory Manipulation



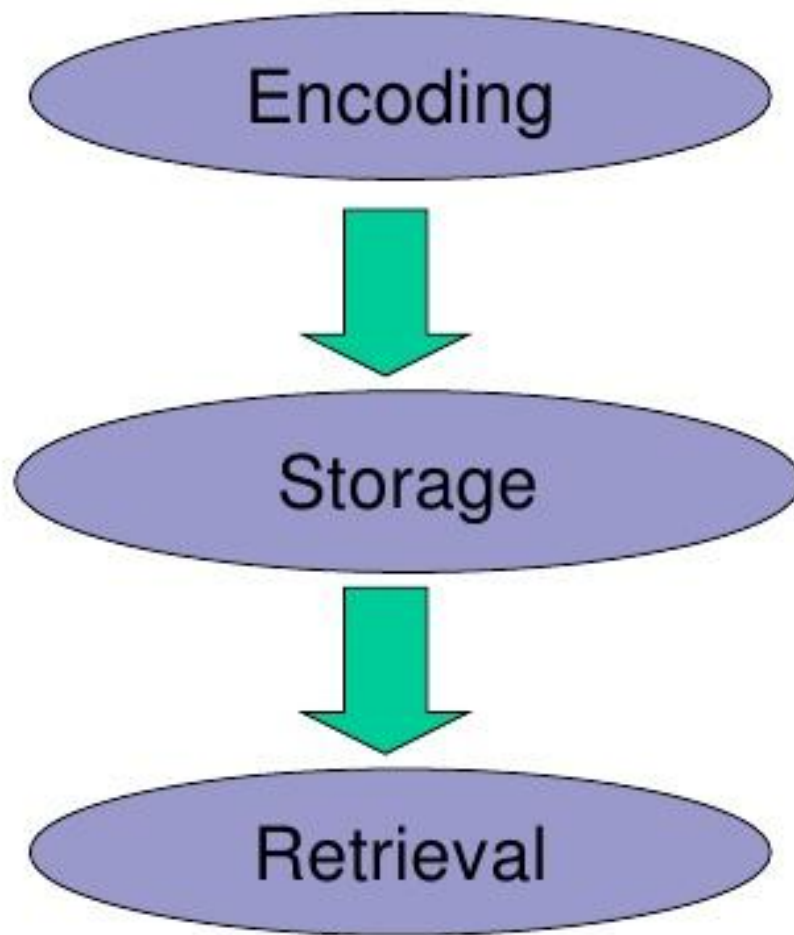


**HOW
MEMORY
WORKS ?**



Engram

The Stages of Memory



Memories









Eternal Sunshine **of the spotless mind**

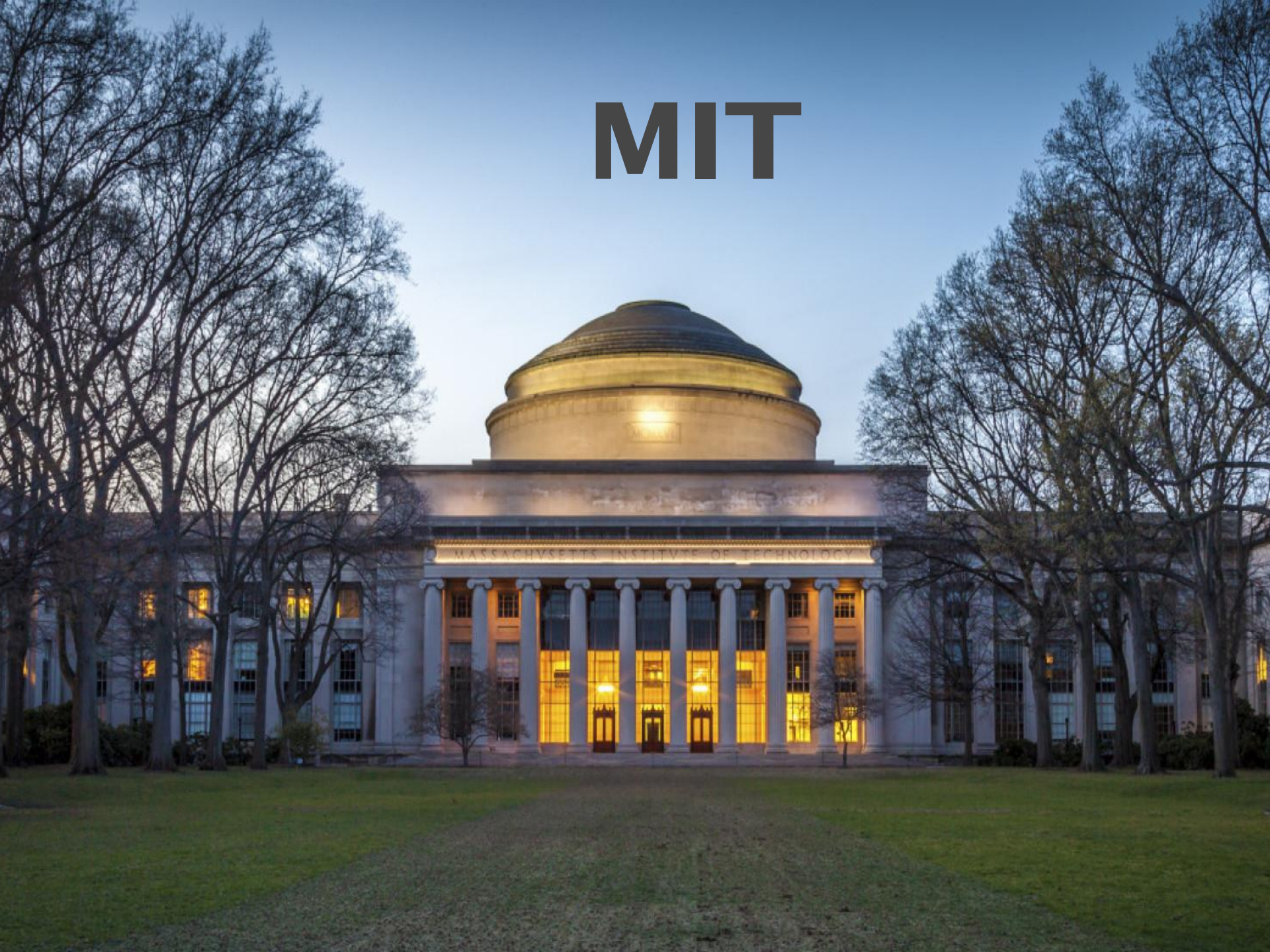






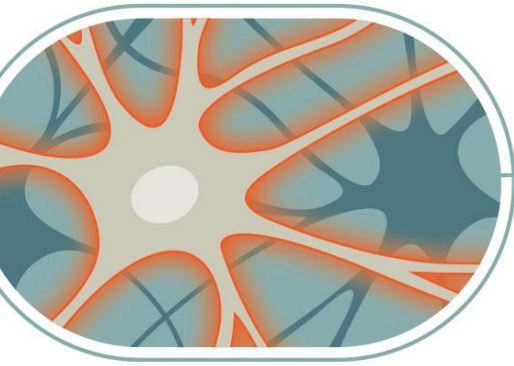
Propranolol

MIT

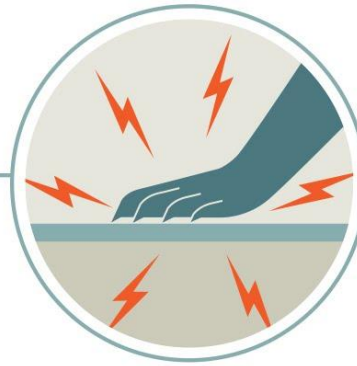




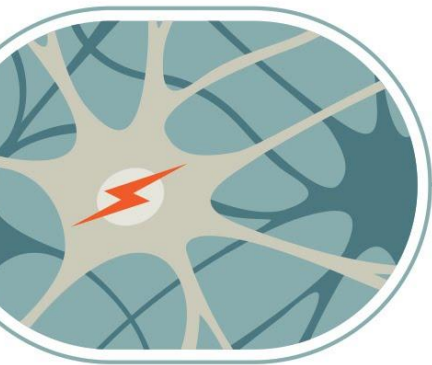
Activating a Memory



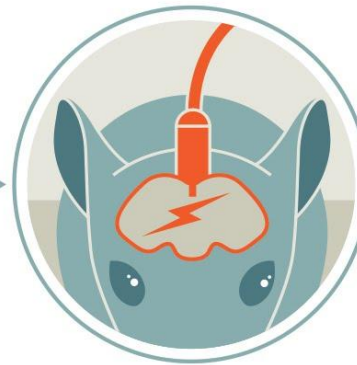
1. A mouse's brain cells are genetically engineered so that those associated with a memory become light sensitive.



2. The mouse explores a box and receives a foot shock.



3. It encodes a fear memory of the box in firing brain cells.



4. When a laser stimulates those cells, the mouse freezes in fear as it recalls the memory.

!!Retrieving Memory



TEST



D'oh!



