

Memory Formation



External event (e.g. movie scene)

Encoding



Sensory Features (auditory, visual, etc.)

Consolidation



Strengthen Synaptic Connections

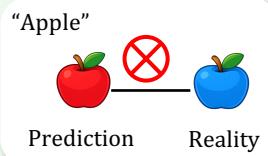
Integration



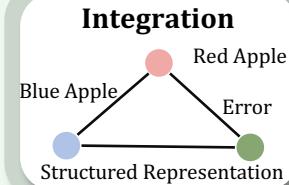
Time-compressed Representation

Construct Relations

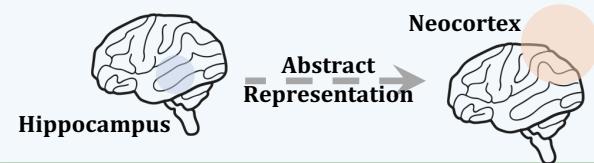
Memory Update



Prediction Error

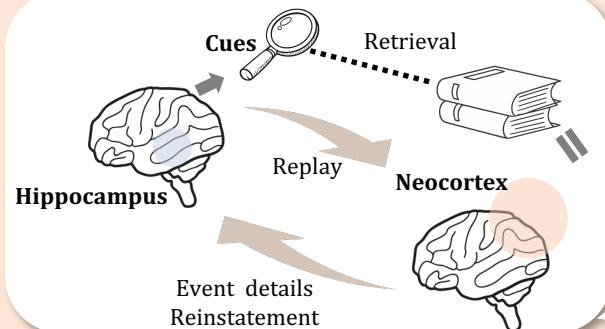


Updating Mechanisms



Renders the
Memory
Trace Labile

Memory Retrieval



Strength/Weaken
Memory

Effects

- Destabilizes Memory Storage
- Facilitative Memory Encoding