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9.01 Introduction to Neuroscience Fall 2007

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Types	of	mem	ory

Declarative Procedural

Sensory information Short Term Long Term

## Amnesia

Anterograde Retrograde

## **Memory storage**

- Temporal lobe
  - Medial temporal lobe:
  - IT cortex:
  - \* Patient HM:
- Diencephalon
  - Lesions:
  - Korsakoff's syndrome:

Conclusion:

Memory Med Synapses:	hanisms						
LTP			LTD				
BCM Theory							
Cellular Basi		AMPA					
				NMDA			
LTP			LTD				
Genetic Basis of LTP/LTD  Consolidation requires synthesis of							
- Fruit	: fly experime	ent:					

- Role of fornix: