Neurobiological observation/concepts	Computational Account (POMDP)
Valence/amygdala	Delta Q
Prediction error	Q-y
Hippocampal experience replay	Stochastic action-reward sampling/MCMC
Action repertoire	Policy
Significance detection/amygdala	Value function(action, state)
World knowledge/semantics (distributed synaptic weights)	Deep neural network
Reward/Regret in Nucleus accumbens	Reward r
Sensory context (inter-/exteroceptive)	States s