

INSTITUTE OF PSYCHIATRY, PSYCHOLOGY & NEUROSCIENCE

Module:

Biological Foundations of Mental Health

Week 4:

Biological basis of learning, memory and cognition



Professor Peter Giese

Topic 1:

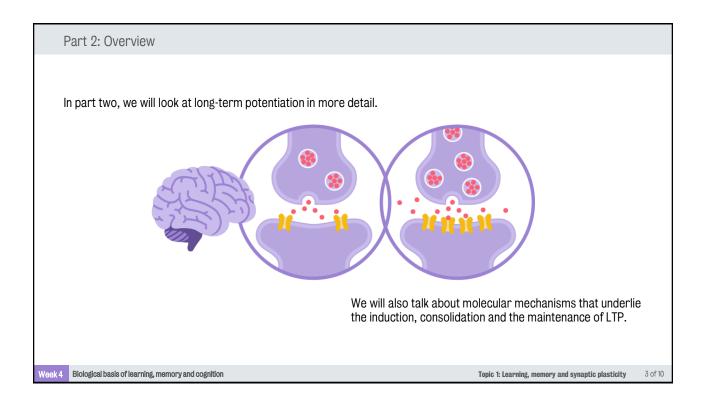
Learning, memory and synaptic plasticity

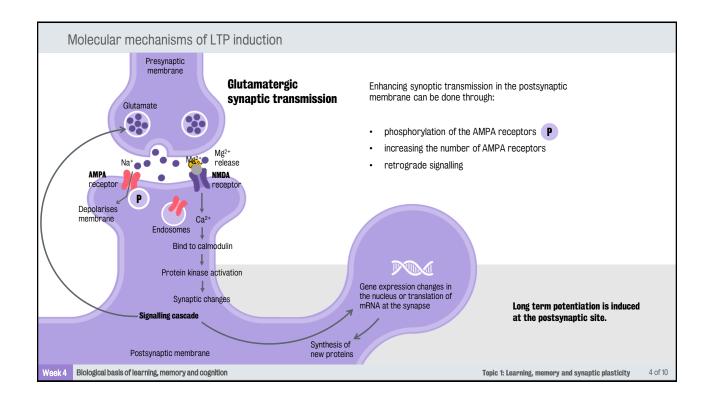
Part 2 of 4

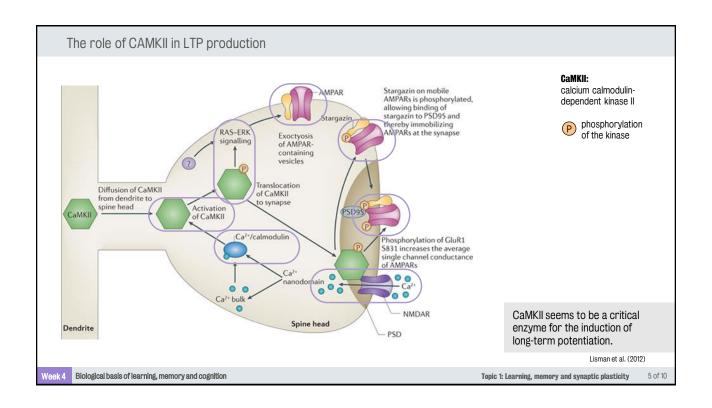
Part 2

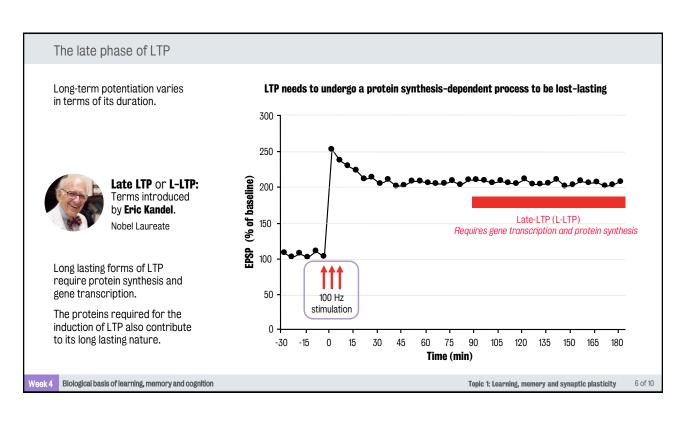
Week 4 Biological basis of learning, memory and cognition

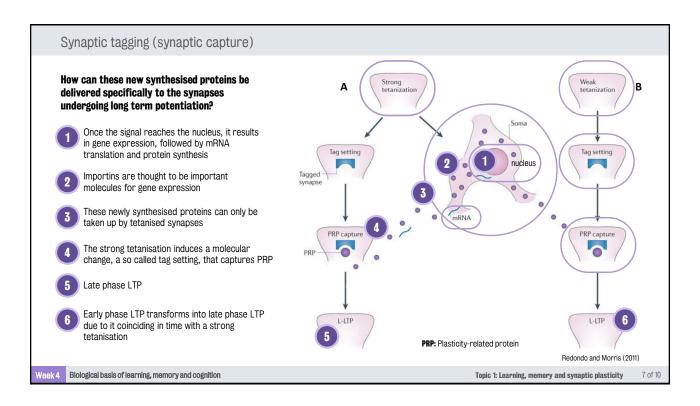
Topic 1: Learning, memory and synaptic plasticity

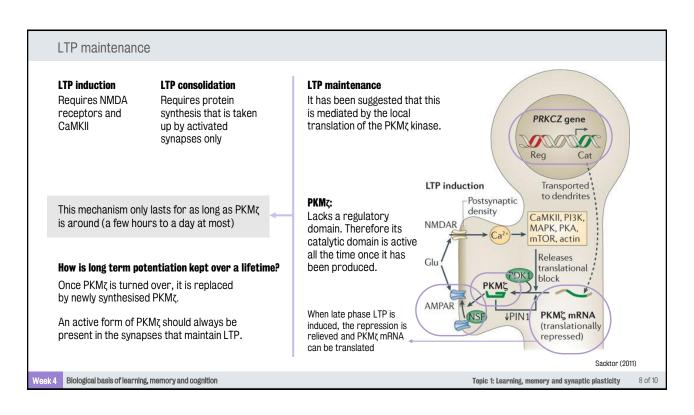












Molecular principles of LTP induction Consolidation of early LTP into late phase LTP via synthesis of new proteins Research is undergoing on the importance of these proteins in late phase LTP The importance of PKMz in the maintenance of LTP Week 4 Blological basis of learning, memory and cognition Topic t. Learning, memory and synaptic plasticity 9 of 10

