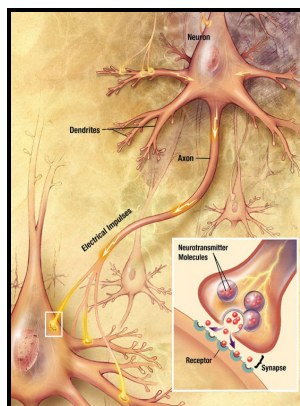


Hippocampus - neurotransmission and plasticity in the nervous system

Nova Biomedical Books - d



Description: -

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gamma-Aminobutyric Acid -- physiology
Synaptic Transmission -- physiology
Neuronal Plasticity -- physiology
Hippocampus -- physiology
GABA
Neuroplasticity
Neural transmission
Hippocampus (Brain) -- Physiology
hippocampus - neurotransmission
and plasticity in the nervous system
-hippocampus - neurotransmission and plasticity in the nervous
system

Notes: Includes bibliographical references and index.

This edition was published in 2007



Filesize: 11.62 MB

Tags: #Modulators #of #synaptic #plasticity #in #the #hippocampus

A new mechanism of nervous system plasticity: activity

For example, only a strong stimulus can trigger a signal that travels to the nucleus and lead to the synthesis of proteins required for L-LTP. The OP triazophos has been used worldwide, although its effects on mnemonic processing are yet to be investigated. A role for dopamine in this STDP-LTP has also been postulated based on blockage by a D2 receptor antagonist or a combination of D1 and D2 receptor antagonists.

A new mechanism of nervous system plasticity: activity

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Neurotransmitters in the regulation of neuronal cytoarchitecture

Determining how NA influences information processing at cellular and behavioural levels is essential for understanding the physiology of memory. Excitatory and inhibitory neurotransmitters can interact to yield a net effect on neuronal morphology. The cognitive enhancing properties of 5-HT₆ receptor antagonists have been confirmed using a variety of different behavioral cognitive tasks, such as novel object recognition and social recognition tasks King et al.

Modulation of Synaptic Transmission and Plasticity in Nervous Systems

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