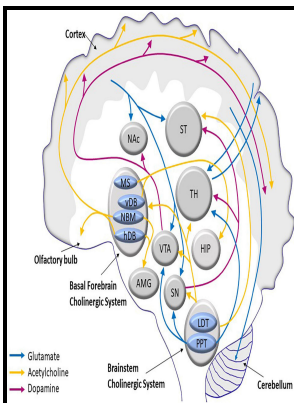


Electrophysiological correlates and consequences of glutamate uptake and metabolic stress in the in vitro hippocampal slice

University of Birmingham - Glutamate transporter control of ambient glutamate levels



Description: -

-Electrophysiological correlates and consequences of glutamate uptake and metabolic stress in the in vitro hippocampal slice

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In inflammation, nociceptors with unmyelinated axons C-nociceptors are sensitized such that they discharge spontaneously, respond to normally innocuous stimuli, and have a supernormal response to noxious stimuli. A Confocal imaging reconstruction of protoplasmic astrocytes marked by sulforhodamine 101 SR101 in the hippocampal CA1 region.

In vivo glucose metabolism and glutamate levels in mGluR5 knockout mice: a multimodal neuroimaging study using [18 F]FDG microPET and MRS

The application of PLSR to functional 14C-2-DG brain imaging data and its interpretation have previously been outlined , and are further detailed in the.

Glutamate transporter control of ambient glutamate levels

In contrast, cells in 12m C57s were lightly stained throughout the DCN.

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In contrast, functional antagonists of glutamatergic transmission protect against the toxic consequences of cocaine overdose. Browne RW, Armstrong D 1998 Reduced glutathione and glutathione disulfide.

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