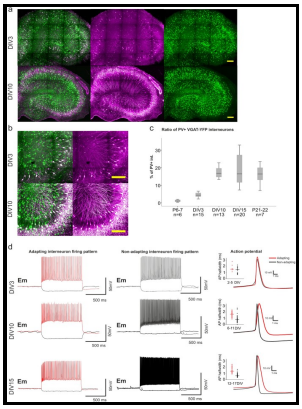
Electrophysiological correlates and consequences of glutamate uptake and metabolic stress in the in vitro hippocampal slice

University of Birmingham - Neuroprotective interaction effects of NMDA and AMPA receptor antagonists in an in vitro model of cerebral ischemia



Description: -
-Electrophysiological correlates and consequences of glutamate uptake and metabolic stress in the in vitro hippocampal slice
-Electrophysiological correlates and consequences of glutamate uptake and metabolic stress in the in vitro hippocampal slice
Notes: Thesis (Ph.D.) - University of Birmingham, Dept of Pharmacology, 1993.
This edition was published in 1993

Filesize: 58.68 MB

Tags: #The #Glutamate #Cascade: #Common #Pathways #of #Central #Nervous #System #Disease #States

The Glutamate Cascade: Common Pathways of Central Nervous System Disease States

Hence, the reduced RT—PFC functional connectivity present in Disc1tr Hemi mice may contribute to the attenuated impact of ketamine treatment on PFC metabolism in these animals. The possible use of NMDA receptor antagonists in the treatment of seizures has been extensively investigated, but results to date have not been encouraging mainly because the NMDA receptor antagonists evaluated have had significant toxicities. Under control conditions, cytosolic putrescine concentration was found to be 21.

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

For MR data acquisition, mice were anesthetized with isoflurane 1. Full data for the analysis of regional connectivity are shown in the. These studies and their implications for future clinical development will be discussed.

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

Driving AMPA receptors into synapses by LTP and CaMKII: requirement for GluR1 and PDZ domain interaction. ETH - Hoenggerberg, Zuerich, Switzerland NALJESKOVICEVA 35 10000 ZAGREB - CROATIA 011- 385 -1-534-556 011- 385 - 4826-053 fax Gerald Rameau, Ph.

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

Neurobiology: HIV displays its coat of arms. While haloperidol did not alter psychosis, perceptual changes, or euphoria produced by ketamine, it

was effective in reducing the abstraction and WCST impairments. There are a variety of novel approaches currently under investigation that may lead to NMDA receptor antagonists with improved side effect profiles, including selective antagonists of NMDA receptors containing the NR2B subunit, glycine site antagonists and low affinity channel blockers.

Related Books

- Bibliography of hydrology of the United States and Canada, 1964
- NCI fellowship in the ethics of public health and prevention
- Role of right social democracy
- Angel of the tar sands - and other stories
- Airborne radioactivity maps and profiles, Ontario (31 C)