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Basic Study

Proteomics of the mediodorsal thalamic nucleus of stress-induced gastric ulcer rat

Gong SN *et al.* Proteomics of MD subjected to RWIS

Sheng-Nan Gong, Jian-Ping Zhu, Ying-Jie Ma, Dong-Qin Zhao

Abstract

BACKGROUND

Stress-induced gastric ulcer (SGU) is one of the most common visceral complications after

Match Overview

1	Crossref 74 words Dahai Wei, Yongyi Zeng, Xiaohua Xing, Hongzhi Liu, Minjie Lin, Xiao Han, Xiaolong Liu, Jingfeng Liu. "Proteome Differ	2%
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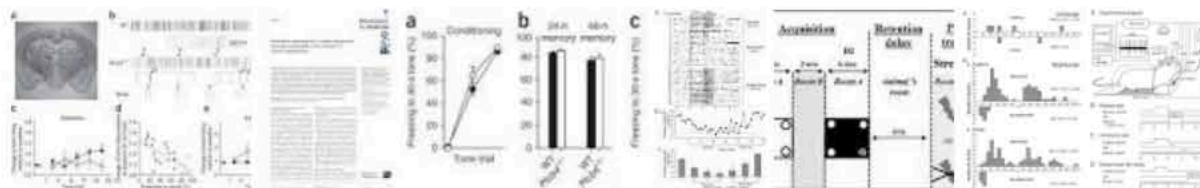
Comparative proteomic analysis of rats subjected to water immersion ...

<https://europepmc.org/abstract/med/28849061> ▾ [翻译此页](#)作者: ZR Zhou - 2017 - [相关文章](#)

In the present study, comparative **proteomic** analysis was performed in **rats subjected to water immersion-restraint stress** (WRS). A total of 26 proteins were ...

缺少字词: mediodorsal thalamic nucleus

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6246852/> - [翻译此页](#)

作者: F He - 2018

2018年8月31日 - **Restraint water-immersion stress** (RWIS) is widely accepted as a useful activities in the **thalamic** parafascicular **nucleus** of parkinsonian **rats** and in the hypothalamus in **rats exposed** to chronic unpredictable mild **stress**.

缺少字词: Proteomics mediodorsal

Effect of mediodorsal thalamic nucleus lesion on contextual fear ...

<https://www.ncbi.nlm.nih.gov/pubmed/15145764> ▾ [翻译此页](#)作者: XB Li - 2004 - [被引用次数: 47](#) - [相关文章](#)

Effect of **mediodorsal thalamic nucleus** lesion on contextual fear conditioning in **rats**. ... and clinical studies has shown that the mediodorsal nucleus of the thalamus ... failed to alter the increased defecation induced by conditioned fear **stress**.

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What does the mediodorsal thalamus do? - PubMed Central ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3738868>

Aug 09, 2013 · **Anatomy of the MD.** Many of the structures in the brain can go by several names and this is the case with the **MD**, which is also referred to as **medial dorsal thalamic nuclei**, **nucleus medialis dorsalis**, and the **dorsomedial thalamus**. For the purposes of this review, the structure will be referred to as the **mediodorsal thalamus** (MD)...

Cited by: 132

Author: Anna S. Mitchell, Subhojit Chakraborty

Publish Year: 2013

Effect of mediodorsal thalamic nucleus lesion on ...

https://www.researchgate.net/publication/8559927_Effect_of_mediodorsal_thalamic...

Download Citation on ResearchGate | Effect of **mediodorsal thalamic nucleus** lesion on contextual fear conditioning in **rats** | Much evidence from animal and clinical studies has shown that the ...

Effect of mediodorsal thalamic nucleus lesion on ...

<https://www.sciencedirect.com/science/article/pii/S0006899304003683>

May 22, 2004 · Both pre- and posttraining lesions **of the mediodorsal nucleus** of the **thalamus** significantly attenuated conditioned freezing but had no effect on postshock freezing. In contrast to lesions of the amygdala, those **of the mediodorsal thalamic nucleus** failed to alter the increased defecation induced by conditioned fear stress.

Cited by: 66

Author: Xiao Bai Li, Takeshi Inoue, Shin Nakagaw...

Publish Year: 2004

[PDF] The role of mediodorsal thalamic nucleus in fear extinction

<https://jast-journal.springeropen.com/track/pdf/10.1186/s40543-016-0093-6>

The role of **mediodorsal thalamic nucleus** in fear extinction Sukchan Lee¹ and Hee-Sup Shin^{2*}

Abstract Understanding the neural mechanism underlying the formation and extinction of fear memory would guide the development of advanced strategies for treatment of post-traumatic stress disorder (PTSD), a generalized anxiety disorder.

Cited by: 1

Author: Sukchan Lee, Hee-Sup Shin

Publish Year: 2016

The mediodorsal nucleus of the thalamus in rats—II ...

<https://www.sciencedirect.com/science/article/pii/030645229500352J>

These results suggest that **GABAergic afferents** to the **mediodorsal nucleus** may oppose a tonic inhibitory tone on **locomotor** activity. The data also suggest that the motor response produced by baclofen in the **mediodorsal thalamus** may arise by inhibiting the projections to the prefrontal cortex which **modulate mesocorticolimbic** dopamine transmission.

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作者: JL Whitt - 2013 - 被引用次数: 37 - 相关文章

跳到Materials and Methods - A total of 31 adult male Sprague-Dawley rats weighing 250-300 g rats ... previous reports of bursting in thalamic nuclei (Rinaldi et al., 1991; Guido et ... To minimize anxiety and stress at the start of recording ...

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[Afferent projections to the dorsal thalamus of the rat as shown by ...](#)

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作者: J Cornwall - 1988 - 被引用次数: 106 - 相关文章

The topography of afferent projections to the mediodorsal thalamic nucleus of the ... into the habenula, central medial and paraventricular nuclei of the thalamus.

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[Morphological, structural, and functional alterations of the prefrontal ...](#)

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作者: Z Ouhaz - 2017 - 被引用次数: 6 - 相关文章

2017年2月1日 - ... basolateral amygdala after early lesion of the rat mediodorsal thalamus. ... (1)Lab of Pharmacology, Neurobiology and Behavior (URAC-37), ...

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[Mediodorsal Thalamic Neurons Mirror the Activity of Medial Prefrontal ...](#)

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作者: RLA Miller - 2017 - 被引用次数: 6 - 相关文章

2017年10月13日 - The mediodorsal thalamic nucleus (MD) interacts with prefrontal cortex ... and MD in the rat seems consistent with the broad effects of lesions in ...

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<https://www.frontiersin.org/articles/10.3389/fnsvs.2013.00037/full> [▼ 翻译此页](#)