

Accepted Manuscript

Research report

Liraglutide Attenuates the Depressive- and Anxiety-like Behaviour in the Corticosterone Induced Depression Model Via Improving Hippocampal Neural Plasticity

Han Weina, Niu Yuhu, Holscher Christian, Li Birong, Shen Feiyu, Wang Le

PII: S0006-8993(18)30225-7

DOI: <https://doi.org/10.1016/j.brainres.2018.04.031>

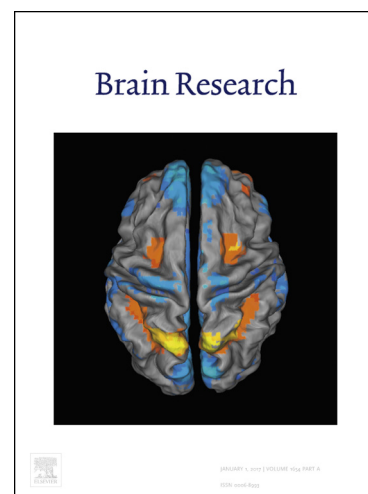
Reference: BRES 45771

To appear in: *Brain Research*

Received Date: 16 January 2018

Revised Date: 28 March 2018

Accepted Date: 24 April 2018



Please cite this article as: H. Weina, N. Yuhu, H. Christian, L. Birong, S. Feiyu, W. Le, Liraglutide Attenuates the Depressive- and Anxiety-like Behaviour in the Corticosterone Induced Depression Model Via Improving Hippocampal Neural Plasticity, *Brain Research* (2018), doi: <https://doi.org/10.1016/j.brainres.2018.04.031>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Liraglutide Attenuates the Depressive- and Anxiety-like Behaviour in the Corticosterone Induced Depression Model Via Improving Hippocampal Neural Plasticity

Han Weina^{1*#}, Niu Yuhu^{2#}, Holscher Christian³, Li Birong¹, Shen Feiyu⁴, Wang Le¹

1. Department of Physiology, Shaoyang University, Shaoyang, Hunan, China
2. Department of Biochemistry and Molecular Biology, Basic Medical School, Shanxi Medical University, Taiyuan, China
3. Department of Biomed and Life Sciences, Lancaster University, Lancaster, UK.
4. Department of Foreign Language, Shaoyang University, Shaoyang, Hunan, China

Running title: The antidepressant effects of liraglutide.

*To whom correspondence should be addressed:

Department of Physiology, Shaoyang University

Xueyuan Road, Qili Ping

Code: 422000

Shaoyang, Hunan, China

Email: hanweicong2008@163.com

Tel: 15180906168

#: Co-first author contributed equally to this study.

This research is supported by the Education Foundation of Hunan Province (No. 13C868).

Conflict interest by authors: No.

Download English Version:

<https://daneshyari.com/en/article/8839714>

Download Persian Version:

<https://daneshyari.com/article/8839714>

[Daneshyari.com](https://daneshyari.com)