

# Accepted Manuscript

Disrupted reward circuits is associated with cognitive deficits and depression severity in major depressive disorder

Liang Gong, Yingying Yin, Cancan He, Qing Ye, Feng Bai, Yonggui Yuan, Haisan Zhang, Luxian Lv, Hongxing Zhang, Chunming Xie, Zhijun Zhang



PII: S0022-3956(16)30391-0

DOI: [10.1016/j.jpsychires.2016.09.016](https://doi.org/10.1016/j.jpsychires.2016.09.016)

Reference: PIAT 2959

To appear in: *Journal of Psychiatric Research*

Received Date: 17 May 2016

Revised Date: 14 August 2016

Accepted Date: 16 September 2016

Please cite this article as: Gong L, Yin Y, He C, Ye Q, Bai F, Yuan Y, Zhang H, Lv L, Zhang H, Xie C, Zhang Z, Disrupted reward circuits is associated with cognitive deficits and depression severity in major depressive disorder, *Journal of Psychiatric Research* (2016), doi: 10.1016/j.jpsychires.2016.09.016.

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.

## **Disrupted reward circuits is associated with cognitive deficits and depression severity in major depressive disorder**

**Running title:** Disrupted reward circuits in depression patients

Liang Gong <sup>a</sup>, Yingying Yin <sup>b,c</sup>, Cancan He <sup>a</sup>, Qing Ye <sup>a</sup>, Feng Bai <sup>a,c</sup>, Yonggui Yuan <sup>b,c</sup>, Haisan Zhang <sup>d</sup>, Luxian Lv <sup>d</sup>, Hongxing Zhang <sup>d,\*</sup>, Chunming Xie <sup>a,\*</sup>, Zhijun Zhang <sup>b,c</sup>

<sup>a</sup> Department of Neurology, Affiliated ZhongDa Hospital, School of Medicine, Southeast University, Nanjing, Jiangsu, China, 210009

<sup>b</sup> Department of Psychology, Affiliated ZhongDa Hospital, School of Medicine, Southeast University, Nanjing, Jiangsu, China, 210009

<sup>c</sup> Neuropsychiatric Institute, Affiliated ZhongDa Hospital, Southeast University, Nanjing, Jiangsu, China, 210009

<sup>d</sup> Department of Psychiatry, Henan Provincial Mental Hospital, Xinxiang Medical University, Xinxiang, Henan, China, 453002

\* Correspondence: C Xie, No.87 DingJiaQiao Road, Nanjing, China. E-mail: chmxie@163.com. H Zhang, No. 338 JianShe Road, Xinxiang, Henan, China, E-mail: ZHX166666@163.com.

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات