

Author's Accepted Manuscript

Prefrontal activation during a working memory task differs between patients with unipolar and bipolar depression: a preliminary exploratory study

Yue Zhu, Wenxiang Quan, Huali Wang, Yantao Ma, Jun Yan, Hua Zhang, Wentian Dong, Xin Yu



PII: S0165-0327(17)30033-2
DOI: <http://dx.doi.org/10.1016/j.jad.2017.07.031>
Reference: JAD9097

To appear in: *Journal of Affective Disorders*

Received date: 6 January 2017
Revised date: 12 July 2017
Accepted date: 17 July 2017

Cite this article as: Yue Zhu, Wenxiang Quan, Huali Wang, Yantao Ma, Jun Yan, Hua Zhang, Wentian Dong and Xin Yu, Prefrontal activation during a working memory task differs between patients with unipolar and bipolar depression: a preliminary exploratory study, *Journal of Affective Disorders* <http://dx.doi.org/10.1016/j.jad.2017.07.031>

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 galley proof before it is published in its final citable 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.

Prefrontal activation during a working memory task differs between patients with unipolar and bipolar depression: a preliminary exploratory study

Yue Zhu ^{a,1}, Wenxiang Quan ^{b,1}, Huali Wang ^{a,c}, Yantao Ma ^d, Jun Yan ^d, Hua Zhang ^e,
Wentian Dong ^{b*}, Xin Yu ^{a,c*}

^a *Clinical Research Division, Peking University Sixth Hospital, Peking University Institute of Mental Health, Key Laboratory of Mental Health, Ministry of Health (Peking University), Beijing, China*

^b *Department of Translational Medicine, Peking University Sixth Hospital, Peking University Institute of Mental Health, Key Laboratory of Mental Health, Ministry of Health (Peking University), Beijing, China*

^c *National Clinical Research Center for Mental Disorders (Peking University Sixth Hospital), Beijing, China*

^d *Inpatient Unit, Peking University Sixth Hospital, Peking University Institute of Mental Health, Key Laboratory of Mental Health, Ministry of Health (Peking University), Beijing, China*

^e *Research Center of Clinical Epidemiology, Peking University Third Hospital, Beijing, China*

dongwentian@bjmu.edu.cn

yuxin@bjmu.edu.cn

*Corresponding authors. Peking University Sixth Hospital, No. 51 Hua Yuan Bei Road, Haidian District, Beijing 100191, P. R. CHINA. Tel.: +86-010-82801999; fax: +86-010-82801999.

Abstract

Background:

To identify bipolar disorder during the initial stages of a depressive episode has always been a great clinical challenge. Patterns of functional brain activity may underlie the differences in the neural mechanisms of bipolar depression (BD) and unipolar depression (UD). This study aimed to investigate the differences in neural

¹ These authors contributed equally to this study.

متن کامل مقاله

دریافت فوری ←

ISIArticles

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