

Author's Accepted Manuscript

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PII: S0165-0327(17)31493-3
DOI: <https://doi.org/10.1016/j.jad.2017.12.012>
Reference: JAD9420

To appear in: *Journal of Affective Disorders*

Received date: 20 July 2017
Revised date: 18 November 2017
Accepted date: 6 December 2017

Cite this article as: Wenqing Xia, Yong Luo, Yu-Chen Chen, Danfeng Zhang, Fan Bo, Peihua Zhou, Huiyou Chen, Fang Wang, Xindao Yin and Jianhua Ma, Disrupted functional connectivity of the amygdala is associated with depressive mood in type 2 diabetes patients, *Journal of Affective Disorders*, <https://doi.org/10.1016/j.jad.2017.12.012>

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Disrupted functional connectivity of the amygdala is associated with depressive mood in type 2 diabetes patients

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Abstract

Background

Type 2 diabetes mellitus (T2DM) and mood disorders share pathophysiological commonalities in the central nervous system. The purpose of this study was to investigate the alterations in amygdala-based emotional processing circuits in T2DM patients with depressive mood using resting-state functional magnetic resonance imaging (rs-fMRI).

Methods

T2DM patients with depressive mood (n = 25), T2DM patients without depressive mood (n = 28)

¹These authors have contributed equally to this work.

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