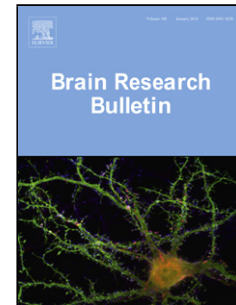


Accepted Manuscript

Title: The effect of CXCR2 inhibition on seizure activity in the pilocarpine epilepsy mouse model

Authors: Tao Xu, Xinyuan Yu, Teng Wang, Ying Liu, Xi Liu, Shu Ou, Yangmei Chen



PII: S0361-9230(17)30212-5
DOI: <http://dx.doi.org/doi:10.1016/j.brainresbull.2017.07.003>
Reference: BRB 9253

To appear in: *Brain Research Bulletin*

Received date: 10-4-2017
Revised date: 1-7-2017
Accepted date: 6-7-2017

Please cite this article as: Tao Xu, Xinyuan Yu, Teng Wang, Ying Liu, Xi Liu, Shu Ou, Yangmei Chen, The effect of CXCR2 inhibition on seizure activity in the pilocarpine epilepsy mouse model, Brain Research Bulletin <http://dx.doi.org/10.1016/j.brainresbull.2017.07.003>

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.

**The effect of CXCR2 inhibition on seizure activity in the pilocarpine epilepsy
mouse model**

Tao Xu, Xinyuan Yu, Teng Wang, Ying Liu, Xi Liu, Shu Ou, Yangmei Chen*

Department of Neurology, the Second Affiliated Hospital of Chongqing Medical University, 76 Linjiang Road, Yuzhong District, Chongqing, 400010, China.

*Correspondence to: Yangmei Chen, Department of Neurology, the Second Affiliated Hospital of Chongqing Medical University, 76 Linjiang Road, Yuzhong District, Chongqing, 400010, China.

E-mail: cjccyyxt@163.com.

Tel.: +86 023 63693088

Fax: +86 023 63693088

Highlights:

- CXCR2 has a vital function in regulating inflammatory pathways in the brain.
- CXCR2 was up-regulated in brain tissues of TLE patients and epileptic mice.
- CXCR2 inhibition suppressed seizure activity in epilepsy mouse model.

Abstract

Download English Version:

<https://daneshyari.com/en/article/5736312>

Download Persian Version:

<https://daneshyari.com/article/5736312>

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