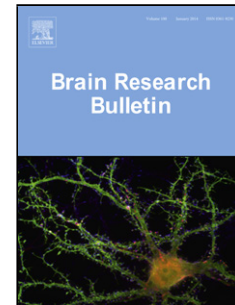


Accepted Manuscript

Title: Neuroprotective effects of metformin on traumatic brain injury in rats associated with NF- κ B and MAPK signaling pathway

Authors: Li Tao, Di Li, Huixiang Liu, Feng Jiang, Yitian Xu, Gang Chen, Ying Cao, Rong Gao



PII: S0361-9230(17)30678-0
DOI: <https://doi.org/10.1016/j.brainresbull.2018.04.008>
Reference: BRB 9414

To appear in: *Brain Research Bulletin*

Received date: 17-11-2017
Revised date: 18-3-2018
Accepted date: 9-4-2018

Please cite this article as: Li Tao, Di Li, Huixiang Liu, Feng Jiang, Yitian Xu, Gang Chen, Ying Cao, Rong Gao, Neuroprotective effects of metformin on traumatic brain injury in rats associated with NF- κ B and MAPK signaling pathway, Brain Research Bulletin <https://doi.org/10.1016/j.brainresbull.2018.04.008>

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.

Neuroprotective effects of metformin on traumatic brain injury in rats associated with NF- κ B and MAPK signaling pathway

Li Tao^{1#}, Di Li^{2#}, Huixiang Liu³, Feng Jiang³, Yitian Xu⁴, Gang Chen⁵, Ying Cao^{6*}, Rong Gao^{3*},

1 Department of Pharmacy and Translational Medicine Center, The First People's Hospital of Zhangjiagang, Soochow University, Suzhou, China; 2

Department of Neurosurgery and Translational Medicine Center, The First People's Hospital of Zhangjiagang, Soochow University, Suzhou, China;

3 Department of Neurosurgery, The First People's Hospital of Zhangjiagang, Soochow University, Suzhou, China;

4 School of Basic Medical Sciences, Nanjing Medical University, Nanjing 211166, China

5 Department of Neurosurgery, The First Affiliated Hospital of Soochow University, Suzhou, China;

6 Department of Pharmacy, The First People's Hospital of Zhangjiagang, Soochow University, Suzhou, China;

Li Tao and Di Li contributed equally to this work

* Corresponding authors.

E-mail addresses: caoyaoshi@126.com (Y. Cao), lidi715@163.com (R.

Gao)

Download English Version:

<https://daneshyari.com/en/article/8838861>

Download Persian Version:

<https://daneshyari.com/article/8838861>

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