

Accepted Manuscript

Title: FoxO1-mediated autophagy plays an important role in the neuroprotective effects of hydrogen in a rat model of vascular dementia

Authors: Xin Jiang, Xiaoli Niu, Qingjun Guo, Yanhong Dong, Jing Xu, Nan Yin, Qi Qianqian, Yanqiu Jia, Liwei Gao, Qihui He, Peiyuan Lv



PII: S0166-4328(18)30010-X
DOI: <https://doi.org/10.1016/j.bbr.2018.05.023>
Reference: BBR 11444

To appear in: *Behavioural Brain Research*

Received date: 8-1-2018
Revised date: 21-4-2018
Accepted date: 24-5-2018

Please cite this article as: Jiang X, Niu X, Guo Q, Dong Y, Xu J, Yin N, Qi Q, Jia Y, Gao L, He Q, Lv P, FoxO1-mediated autophagy plays an important role in the neuroprotective effects of hydrogen in a rat model of vascular dementia, *Behavioural Brain Research* (2018), <https://doi.org/10.1016/j.bbr.2018.05.023>

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.

Apr. 19, 2018, the Research Paper for Behavioural Brain Research

FoxO1-mediated autophagy plays an important role in the neuroprotective effects of hydrogen in a rat model of vascular dementia

Running title: FoxO1-mediated autophagy plays an important role in the neuroprotective effects of hydrogen in VD

Xin Jiang^{a,b}, Xiaoli Niu^b, Qingjun Guo^c, Yanhong Dong^b, Jing Xu^b, Nan Yin^b, Qianqian Qi^b, Yanqiu Jia^b, Liwei Gao^a, Qihui He^d, Peiyuan Lv^{a,b}

^a Department of Neurology, Hebei Medical University, No. 361 Zhongshan East Road, Changan District, Shijiazhuang 050017, Hebei Province, People's Republic of China

^b Department of Neurology, Hebei General Hospital, No. 348 Heping West Road, Xinhua District, Shijiazhuang 050051, Hebei Province, People's Republic of China

^c Department of Surgery, Hebei Medical University, No. 361 Zhongshan East Road, Changan District, Shijiazhuang 050017, Hebei Province, People's Republic of China

^d Department of management, North China University of Science and Technology, No. 21 Bohai avenue, Caofeidan District, Tangshan 063210, Hebei Province, People's Republic of China

Abstract: 231 words

Introduction: 793 words

Discussion: 1472 words

Total text: 7874 words

Text pages: 34

Figures: 6

Corresponding author:

Peiyuan Lv, Ph. D.

Department of Neurology, Hebei General Hospital,

Download English Version:

<https://daneshyari.com/en/article/10138260>

Download Persian Version:

<https://daneshyari.com/article/10138260>

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