

# Accepted Manuscript

## Research report

Ischemic preconditioning with ketogenic diet improves brain ischemic tolerance through increased extracellular adenosine levels and hypoxia-inducible factors

Qi Yang, Min Guo, Xun Wang, Yanxin Zhao, Hongyan Ding, Mei Cui, Qiang Dong

PII: S0006-8993(17)30171-3

DOI: <http://dx.doi.org/10.1016/j.brainres.2017.04.010>

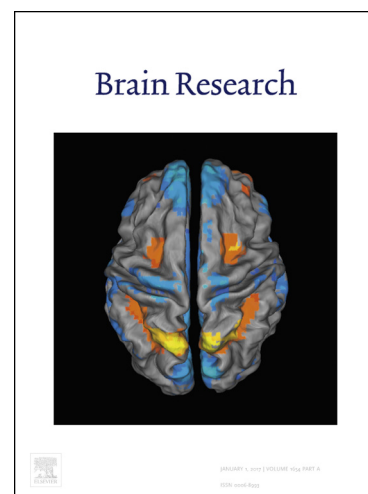
Reference: BRES 45340

To appear in: *Brain Research*

Received Date: 19 October 2016

Revised Date: 18 March 2017

Accepted Date: 15 April 2017



Please cite this article as: Q. Yang, M. Guo, X. Wang, Y. Zhao, H. Ding, M. Cui, Q. Dong, Ischemic preconditioning with ketogenic diet improves brain ischemic tolerance through increased extracellular adenosine levels and hypoxia-inducible factors, *Brain Research* (2017), doi: <http://dx.doi.org/10.1016/j.brainres.2017.04.010>

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.

**Ischemic preconditioning with ketogenic diet improves brain ischemic tolerance through increased extracellular adenosine levels and hypoxia-inducible factors**

Qi Yang<sup>a,1</sup>, Min Guo<sup>a,1</sup>, Xun Wang<sup>a</sup>, Yanxin Zhao<sup>b</sup>, Hongyan Ding<sup>a</sup>, Mei Cui<sup>a,\*</sup>, Qiang Dong<sup>a,\*</sup>

<sup>a</sup> Department of Neurology, Huashan hospital, State Key Laboratory of Medical Neurobiology, Fudan University, Shanghai 200040, China

<sup>b</sup> Department of Neurology, The 10th People's Hospital, Tongji University, Shanghai 200072, China

\*Address correspondence to: Qiang Dong, Department of Neurology, Huashan hospital, Fudan University, No. 12 Middle Wulumuqi Road, Shanghai 200040, China;

E-mails: dong\_qiang@fudan.edu.cn ; Fax Numbers: 52887145

\*Mei Cui, Department of Neurology, Huashan hospital, Fudan University, No.12 Middle Wulumuqi Road, Shanghai 200040, China E-mails: cuimei@fudan.edu.cn ; Fax Numbers: 62481088

<sup>1</sup>These authors contributed equally to this work and shared first authorship.

Download English Version:

<https://daneshyari.com/en/article/5736491>

Download Persian Version:

<https://daneshyari.com/article/5736491>

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