## Accepted Manuscript

Chloroquine inhibits autophagy and deteriorates the mitochondrial dysfunction and apoptosis in hypoxic rat neurons

Peng Li, Lei Hao, Yan-Yan Guo, Guang-Lu Yang, Hua Mei, Xiao-Hua Li, Qiong-Xiang Zhai

PII: S0024-3205(18)30017-1

DOI: https://doi.org/10.1016/j.lfs.2018.01.011

Reference: LFS 15513

To appear in: Life Sciences

Received date: 1 September 2017 Revised date: 5 January 2018 Accepted date: 10 January 2018

Please cite this article as: Peng Li, Lei Hao, Yan-Yan Guo, Guang-Lu Yang, Hua Mei, Xiao-Hua Li, Qiong-Xiang Zhai, Chloroquine inhibits autophagy and deteriorates the mitochondrial dysfunction and apoptosis in hypoxic rat neurons. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Lfs(2017), https://doi.org/10.1016/j.lfs.2018.01.011

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.



CCEPTED MANUSCRIPT

Chloroquine inhibits autophagy and deteriorates the mitochondrial dysfunction

and apoptosis in hypoxic rat neurons

**Running title:** 

Autophagy in the MD and apoptosis in hypoxia neurons

Peng Li <sup>1,2,3</sup>, Lei Hao <sup>4</sup>, Yan-Yan Guo <sup>3</sup>, Guang-Lu Yang <sup>3</sup>, Hua Mei <sup>3</sup>, Xiao-Hua

Li<sup>3</sup>, Qiong-Xiang Zhai <sup>1,2</sup>\*

1. Southern Medical University, Guangzhou, Guangdong Province, PR China;

2. Departmengt of Pediatrics, Guangdong General Hospital, Guangdong Academy of

Medical Sciences, Guangdong Neuroscience Institute, Guangzhou, Guangdong

Province, PR China

3. Department of Pediatrics, Affiliated Hospital of Inner Mongolian Medical

University, Hohhot, Inner Mongolia, PR China;

4. Inner Mongolian Medical University, Hohhot, Inner Mongolia, PR China;

\* Qiong-Xiang Zhai, zhangfandem0813@163.com

Departmengt of Pediatrics, Guangdong General Hospital, No.106, The Second Road,

Yuexiu District, Guangzhou 510080, Guangdong, Province, PR China.

Tel &Fax: 00862083827812

**Declaration of conflict of interest** 

No interest of conflict to declare.

1

## Download English Version:

## https://daneshyari.com/en/article/8535008

Download Persian Version:

https://daneshyari.com/article/8535008

<u>Daneshyari.com</u>