Accepted Manuscript

Title: Silver nanoparticles induced neurotoxicity through oxidative stress in rat cerebral astrocytes is distinct from the effects of silver ions

Author: Cheng Sun Nuoya Yin Ruoxi Wen Wei Liu Yanxia Jia Ligang Hu Qunfang Zhou Guibin Jiang

PII: S0161-813X(15)00136-9

DOI: http://dx.doi.org/doi:10.1016/j.neuro.2015.09.007

Reference: NEUTOX 1866

To appear in: *NEUTOX*

Received date: 9-6-2015 Revised date: 6-9-2015 Accepted date: 14-9-2015

Please cite this article as: Sun C, Yin N, Wen R, Liu W, Jia Y, Hu L, Zhou Q, Jiang G, Silver nanoparticles induced neurotoxicity through oxidative stress in rat cerebral astrocytes is distinct from the effects of silver ions, *Neurotoxicology* (2015), http://dx.doi.org/10.1016/j.neuro.2015.09.007

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.



ACCEPTED MANUSCRIPT

1	Silver nanoparticles induced neurotoxicity through oxidative stress in rat
2	cerebral astrocytes is distinct from the effects of silver ions
3	
4	
5	Cheng Sun ^a , Nuoya Yin ^a , Ruoxi Wen ^{a,b} , Wei Liu ^{a,c} , Yanxia Jia ^d , Ligang Hu ^a , Qunfang Zhou ^{a,*} , and
6	Guibin Jiang ^a
7	
8	^a State Key Laboratory of Environmental Chemistry and Ecotoxicology, Research Center for Eco-Environmental
9	Sciences, Chinese Academy of Sciences, Beijing 100085, PR China
10	^b School of Earth and Space Science, University of Science and Technology of China, Anhui, 230026, PR China
11	^c Institute of Chemical Safety, Chinese Academy of Inspection and Quarantine, Beijing 100176, PR China
12	^d Center for Biological Imaging, Institute of Biophysics, Chinese Academy of Sciences, Beijing 100101, PR China
13	
14	
15	* Corresponding author at: State Key Laboratory of Environmental Chemistry and Ecotoxicology, Research
16	Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085, China.
17	Tel.: +86 10 62849334
18	E-mail address: zhouqf@rcees.ac.cn (Q. Zhou).
19	
20	

Download English Version:

https://daneshyari.com/en/article/5854696

Download Persian Version:

https://daneshyari.com/article/5854696

<u>Daneshyari.com</u>