

Accepted Manuscript

Title: Inhibitory effect of arsenic trioxide on neuronal migration *in vitro* and its potential molecular mechanism

Authors: Hao Zhou MD, PhD Ye Liu MD Xin-Jie Tan MD, PhD Yu-Chuan Wang MD Kai-Yu Liu MD Yu-Xia Cui MD, PhD



PII: S1382-6689(15)30070-3
DOI: <http://dx.doi.org/doi:10.1016/j.etap.2015.08.026>
Reference: ENVTOX 2337

To appear in: *Environmental Toxicology and Pharmacology*

Received date: 4-6-2015
Revised date: 25-8-2015
Accepted date: 26-8-2015

Please cite this article as: Zhou, H., Liu, Y., Tan, X.-J., Wang, Y.-C., Liu, K.-Y., Cui, Y.-X., Inhibitory effect of arsenic trioxide on neuronal migration *in vitro* and its potential molecular mechanism, *Environmental Toxicology and Pharmacology* (2015), <http://dx.doi.org/10.1016/j.etap.2015.08.026>

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.

Inhibitory effect of arsenic trioxide on neuronal migration *in vitro* and its potential molecular mechanism

Running title: As₂O₃ blocks neuronal migration

Hao Zhou, MD, PhD^{1,#}, Ye Liu, MD^{2,#}, Xin-Jie Tan, MD, PhD³, Yu-Chuan Wang, MD¹, Kai-Yu Liu, MD¹, Yu-Xia Cui, MD, PhD^{1,*}

¹Department of Pediatrics, Guizhou Provincial People's Hospital, Guiyang, Guizhou, China

²Department of Otorhinolaryngology, Guizhou Provincial People's Hospital, Guiyang, Guizhou, China

³Guizhou Provincial People's Hospital, Guiyang, Guizhou, China

Equal contributors

* **Corresponding author:** Yu-Xia Cui

Department of pediatrics, Guizhou Provincial Hospital, No. 83 Zhongshan Rd, Nanming district, 550002 Guiyang, Guizhou, China

Tel: +86-851-85923907, Fax: +86-851-85923906

Email: cuiyuxia1969@163.com

Download English Version:

<https://daneshyari.com/en/article/5848705>

Download Persian Version:

<https://daneshyari.com/article/5848705>

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