## Accepted Manuscript



Title: Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite

Author: Jinlong Li Xiaoxu Duan Dandan Dong Yang Zhang Lu Zhao Wei Li Jinli Chen Guifan Sun Bing Li

PII: DOI: Reference: S0946-672X(16)30162-6 http://dx.doi.org/doi:10.1016/j.jtemb.2016.10.002 JTEMB 25841

To appear in:

 Received date:
 15-7-2016

 Revised date:
 28-9-2016

 Accepted date:
 2-10-2016

Please cite this article as: Li Jinlong, Duan Xiaoxu, Dong Dandan, Zhang Yang, Zhao Lu, Li Wei, Chen Jinli, Sun Guifan, Li Bing. Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite. *Journal of Trace Elements in Medicine and Biology* http://dx.doi.org/10.1016/j.jtemb.2016.10.002

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

Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite

Jinlong Li<sup>a</sup>, Xiaoxu Duan<sup>b</sup>, Dandan Dong<sup>c</sup>, Yang Zhang<sup>d</sup>, Lu Zhao<sup>a</sup>, Wei Li<sup>a</sup>, Jinli Chen<sup>a</sup>, Guifan Sun<sup>e</sup> and Bing Li<sup>a†</sup>

<sup>a</sup> Department of Occupational and Environmental Health, Key Laboratory of Arsenic-related Biological Effects and Prevention and Treatment in Liaoning Province, School of Public Health, China Medical University, Shenyang, 110013, China;

<sup>b</sup> Department of Toxicology, School of Public Health, Shenyang Medical College, Shenyang, 110034, Liaoning, China

<sup>c</sup> Cao County Center for Disease Control and Prevention, Heze City, Shandong Province, 274400, China;

<sup>d</sup> Chengde City Center for Disease Prevention and Control, Chengde City, Hebei, Province, 069000, China;

<sup>e</sup> Environment and Non-Communicable Diseases Research Center, School of Public Health, China Medical University, Shenyang, 110013, China;

Running head: Arsenic-specific distributions especially in different brain regions of mice

<sup>†</sup>Author to whom correspondence should be addressed:

Download English Version:

## https://daneshyari.com/en/article/5138746

Download Persian Version:

https://daneshyari.com/article/5138746

Daneshyari.com