Accepted Manuscript

Title: Lithium attenuates lead induced toxicity on mouse non-adherent bone marrow cells

Author: Mahsan Banijamali Azra Rabbani-Chadegani Maryam Shahhoseini



To appear in:

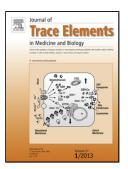
 Received date:
 17-1-2016

 Revised date:
 8-3-2016

 Accepted date:
 17-3-2016

Please cite this article as: Banijamali Mahsan, Rabbani-Chadegani Azra, Shahhoseini Maryam.Lithium attenuates lead induced toxicity on mouse non-adherent bone marrow cells.*Journal of Trace Elements in Medicine and Biology* http://dx.doi.org/10.1016/j.jtemb.2016.03.008

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

Lithium attenuates lead induced toxicity on mouse non-adherent bone marrow cells

Mahsan Banijamali¹, Azra Rabbani-Chadegani^{1*}, Maryam Shahhoseini²

¹ Department of Biochemistry, Institute Of Biochemistry and Biophysics, University of Tehran, Tehran, Iran;

² Department of Genetics, Royan Institute for Reproductive Biomedicine, ACECR, Tehran, Iran

*Correspondence: Prof. Azra Rabbani-Chadegani, Department of Biochemistry, Institute of Biochemistry and Biophysics, University of Tehran, Tehran, Iran, Tel: +9821-66499422 Fax: +9821-66404680, Email: arabbani@ut.ac.ir

Abbreviations: HRP-IgG; Horseradish peroxidase conjugated imonoglobin G; PAGE, polyacrylamide gel electrophoresis; SDS, sodium dodecyl sulfate; EDTA, ethylenediaminetetraacetic acid; PBS, phosphate buffer saline; TCA, trichloroacetic acid; DMEM, Dulbecco's Modified Eagle Medium; H3K9Ac, histone H₃ lysine 9 acetylation; MTT, 3-(4,5-dimethylthiazal-2-yl)-2,5-diphenyltetrazolium bromide; PARP, poly ADP- ribose polymerase; PI, propidium iodide; FCS, fetal calf serum; CSF, colony-stimulating factor; SOD, Superoxide dismutase. Download English Version:

https://daneshyari.com/en/article/7639314

Download Persian Version:

https://daneshyari.com/article/7639314

Daneshyari.com