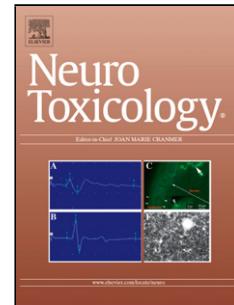


Accepted Manuscript

Title: Exposure to low level of lead during preweaning period increases metallothionein-3 expression and dysregulates divalent cation levels in the brain of young rats

Authors: Abdur Rahman, Khalid M. Khan, Muddanna S. Rao



PII: S0161-813X(18)30039-1
DOI: <https://doi.org/10.1016/j.neuro.2018.02.008>
Reference: NEUTOX 2296

To appear in: *NEUTOX*

Received date: 11-12-2017
Revised date: 11-2-2018
Accepted date: 12-2-2018

Please cite this article as: Rahman A, Khan KM, Rao MS, Exposure to low level of lead during preweaning period increases metallothionein-3 expression and dysregulates divalent cation levels in the brain of young rats, *Neurotoxicology* (2010), <https://doi.org/10.1016/j.neuro.2018.02.008>

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Exposure to low level of lead during preweaning period increases metallothionein-3 expression and dysregulates divalent cation levels in the brain of young rats

Running Title: Lead and Metallothioneine-3

Abdur Rahman^{1*}, Khalid M. Khan², Muddanna S. Rao²

¹Department of Food Science and Nutrition, College of Life Sciences, Kuwait University, Kuwait

²Department of Anatomy, Faculty of Medicine, Kuwait University, Kuwait

Number of Tables: 1

Number of Figures: 6

***Corresponding Author:**

Abdur Rahman
Department of Food Science and Nutrition
College of Life Sciences
Kuwait University
P.O. Box 5969 Safat 13060, Kuwait
Phone: +965 2463 3055 Fax: +965 2251 3929
Email: abdurrahman.ahmad@ku.edu.kw

Highlights:

- This is the first study reporting the increased expression of the brain-specific MT-3 in the brain of young rats exposed to low levels of lead (Pb) during the preweaning period.
- Pb exposure significantly increased the level of Pb in blood and cerebrum at postnatal day (PND) 21 and at PND30.

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