Accepted Manuscript

Title: Hypomethylation of mitochondrial D-loop and *ND6* with increased mitochondrial DNA copy number in the arsenic-exposed population

Authors: Tamalika Sanyal, Pritha Bhattacharjee, Sandip Bhattacharjee, Pritha Bhattacharjee

PII: S0300-483X(18)30124-0

DOI: https://doi.org/10.1016/j.tox.2018.06.012

Reference: TOX 52053

To appear in: *Toxicology*

Received date: 6-3-2018 Revised date: 15-6-2018 Accepted date: 21-6-2018



Please cite this article as: Sanyal T, Bhattacharjee P, Bhattacharjee S, Bhattacharjee P, Hypomethylation of mitochondrial D-loop and *ND6* with increased mitochondrial DNA copy number in the arsenic-exposed population, *Toxicology* (2018), https://doi.org/10.1016/j.tox.2018.06.012

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.

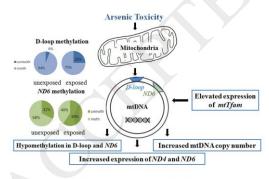
ACCEPTED MANUSCRIPT

Hypomethylation of mitochondrial D-loop and ND6 with increased mitochondrial DNA copy number in the arsenic-exposed population

Tamalika Sanyal^{1,3}, Pritha Bhattacharjee^{1,3}, Sandip Bhattacharjee², Pritha Bhattacharjee^{3,*}

*Corresponding Author
Pritha Bhattacharjee, PhD
Assistant Professor
Environmental Epigenomics Lab, Department of Environmental Science,
University of Calcutta;
35, Ballygunge Circular Road, Kolkata 700019, West Bengal, India
Email: 777.pritha@gmail.com;

Graphical abstract



Arsenic induced alteration in mitochondrial epigenetic regulation and gene expression

Abstract

¹Department of Zoology, University of Calcutta, Kolkata 700019, India

²Health-Management in Occupational Health, Siemens, India

³Department of Environmental Science, University of Calcutta, Kolkata 700019, India

Download English Version:

https://daneshyari.com/en/article/8552717

Download Persian Version:

https://daneshyari.com/article/8552717

<u>Daneshyari.com</u>