



SDI Review Form 1.6

Journal Name:	British Journal of Medicine and Medical Research
Manuscript Number:	Ms_BJMMR_27687
Title of the Manuscript:	Oxidative Stress Pathway Mechanisms Induced by Four Individual Heavy Metals (As, Hg, Cd and Pb) and their Quaternary on MCF-7 Breast cancer cells
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	Oxidative stress mechanisms of 4 heavy metals are induced by different ways. While arsenic induced cytotoxic, by reducing the mitochondrial membrane, Cd and Hg were cytotoxic in the production of superoxide anion and non specific ROS. This mixture of oxidative stress determine a damage of mitochondria membrane by 4 heavy metals (As, Cd, Hg and Pb) .	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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