



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Biochemistry Research &amp; Review</a>
Manuscript Number:	Ms_IJBCRR_66966
Title of the Manuscript:	Ameliorative effect of ethanol extract of Annona muricata leaves in sodium arsenite induced- toxicity in male wister rats
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/journal/10/editorial-policy> )



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**PART 1: Review Comments**

	<p><b>Reviewer's comment</b> The manuscript entitled " Ameliorative effect of ethanol extract of Annona muricata leaves in sodium arsenite induced- toxicity in male wister rats" The authors aimed at studying the mitigating effect of <i>Annona muricata</i> leaves against arsenic-induced liver oxidative damage in rats. They concluded that the extract protect the liver from sodium arsenite-induced damage which may be attributed to the rich antioxidant nature of the leaf extract.</p>	<p><b>Author's comment</b> (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)</p>
<p><b>Compulsory</b> REVISION comments</p>	<p>Major Comments:</p> <ol style="list-style-type: none"> <li>1. The authors should clarify how was the sodium arsenite administered (e.g. oral gavage or drinking water or injection).</li> <li>2. Why did the authors specifically select those 2 doses of the extract?</li> <li>3. Statistical Analysis should be performed with 2-way rather than one way ANOVA.</li> <li>4. Table 2 heading: the expansion for ALT, AST and ALP abbreviations should be mentioned.</li> <li>5. The group treated with distilled water only should be uniformly addressed across the whole manuscript. The authors sometimes call it the negative control group (e.g. figure 1) and sometimes list it as distilled water only (e.g. table 1) and sometimes list it as distilled water (e.g. table 2), this will cause confusion to the readers.</li> <li>6. Figure 1 is indicating that 2 groups are represented by 1 photomicrograph (c), and other 2 groups are again indicated by 1 photomicrograph (d). Authors should edit the figure with the correct photomicrographs representing the correct groups. Also arrow are missing. Scale bars are missing too.</li> <li>7. The methods section indicated that the authors did phytochemical screening, however those results were not shown in the manuscript. They should be included.</li> <li>8. How old were the rats used in the study, and why were males selected (not females)?</li> </ol> <p>The discussion should be re-written. The first paragraph should be a summary of all results. Then those results should be compared to similar work done by others using the AM extract.</p>	
<p><b>Minor</b> REVISION comment</p>	<p>Minor Comments:</p> <ol style="list-style-type: none"> <li>1. Title should be edited to Ameliorative effect of ethanolic extract of Annona muricata leaves in sodium arsenite-induced toxicity in male wistar rats.</li> <li>2. Introduction last paragraph; the wording should be changed to "where it is used".</li> <li>3. The extra spaces between paragraphs should be omitted.</li> <li>4. Body weight should be abbreviated to BW instead of bwt.</li> <li>5. Methods: The rats were divided into 6 groups, rather than 5.</li> <li>6. The font size should be uniform across the whole manuscript.</li> </ol>	
<p><b>Optional/General</b> comments</p>		



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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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Department, University & Country	<i>University of Mississippi Medical Center Emergency Room, USA</i>