



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_25588
Title of the Manuscript:	Ethanol extract of <i>Acalypha wilkesiana</i> leaves ameliorates paracetamol-induced hepatotoxicity in 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/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	This study is okay even with the number of animals as indicated in this study (n=3). It is supported by suggestions of "Charan, J., & Kantharia, N. D. (2013). How to calculate sample size in animal studies?. <i>Journal of Pharmacology and Pharmacotherapeutics</i>, 4(4), 303". This needs be introduced in the methods section on the number of animals used in this study.	Thank you for your comments. The number of the animals used were stated in the method section.
<u>Minor</u> REVISION comments	Few typos (spelling and spacing) in the paper, see highlighted sections of the manuscript. Remove the numbering on the sections and sub sections of the manuscript in all sections. In section labelled 2.3 Experimental design for hepatotherapeutic study, please put this data on a table. It is better and clearer in a table. In statistical analysis section, you have indicated to have used ANOVA, this is not sufficient to generate the outputs in table for "The effect of ethanol extract of the leaves <i>Acalypha</i>	The correction has been noted and effected. The correction has been effected.



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	<i>wilkesiana</i>” I have not used the number since there is a confusion on your table numbering, revise the table numbering. (Table 1.2 is also labeled table 4.2. Also check for the table labeled; Table 1 shows the effect of ethanol extract of the leaves <i>Acalypha wilkesiana</i>). Again, instead of using positive control, indicate the treatment administered, which was paracetamol (APAP), and the dose administered 2000 mg/kg). Where the extract was administered, use the short form of the name of the extract and the dose administered. For instance (APAP 2000 mg/kg + <i>A. wilkesiana</i> 200, or 300, or 100 mg/kg) label as appropriate for this study. This will eliminate confusion in understanding the positive control in your study. Also, on the liver tissue plates (it is better to label the pictures themselves that below it. .i.e. BC12, BC7 and all others should be put on the pain pictures)	
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<u>Optional/General</u> comments	This study has demonstrated the potential for use of doses of 100, 200 and 300 mg/kg ethanol extract of <i>Acalypha wilkesiana</i> leaves in the management of paracetamol-induced hepatotoxicity in rat models at the indicated dose of 2000 mg/kg. It therefore offer a contribution on the potential for application of the <i>A. wilkesiana</i> leaves extracts in management of liver toxicity.	
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