



SDI Review Form 1.6

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_47917
Title of the Manuscript:	Evaluation of in vivo Synergistic Hypoglycemic & Hypolipidemic Activity of Ethanolic Extract of Calotropis gigantean Leaves in Combination to Metformin in Alloxan Induced Rats
Type of the 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>)

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)
Compulsory REVISION comments	<p>The authors in their manuscript identify the synergistic effect of Calotropis gigantean Leaves and metformin on alloxan-induced diabetes in rats. There are some major deficiencies that needs to be addressed before consideration for publication:</p> <ol style="list-style-type: none"> 1. The effect of Metformin (50 mg/kg) alone has to be studied in order to compare the synergism with the combination of extract. Although I find that 100 mg/kg dose level has answered this to some extent, it is difficult to conclude the effect with one dose level. 2. Figure 01 – Effect of C. gigantea extract and metformin on fasting blood glucose level in alloxan-induced diabtec rats --- This figure is not presented correctly. The authors need to show the progression of diabetes from day 1 to day 7 in a single line with X-axis plotted for day 1, day 3, day 5 and day 7. The progression for each treatment condition needs to be shown in different colours. 3. The figures for mean weight of liver (table 3) and mean weight of animals (figure 3) do not depict the values for metformin group, the extract group and the combination. 4. There is no any statistical analyses provided for blood glucose levels and the lipid profiles. 	
Minor REVISION comments		
Optional/General comments		



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PART 2:

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

Reviewer Details:

Name:	<i>Muruganandan Shanmugam</i>
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