



## SDI FINAL EVALUATION FORM 1.1

### PART 1:

Journal Name:	<a href="#">Journal of Complementary and Alternative Medical Research</a>
Manuscript Number:	Ms_JOCAMR_47917
Title of the Manuscript:	Evaluation of in vivo Synergistic Hypoglycemic & Hypolipidemic Activity of Ethanollic Extract of Calotropis gigantean Leaves in Combination to Metformin in Alloxan Induced Rats
Type of Article:	

### PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>Dear authors,</p> <p>I believe that the adjustments have improved the format of the manuscript. Congratulations. However, I still think that in order to avoid a resultant bias with possible presence of alcohol, the extract should have been lyophilized. In order to accredit biological activities to plant extracts from my point of view, we must relate the presence of chemical compounds of the researched plant with the appropriate pharmacological targets.</p> <p>Also, I remain convinced that the research should have been approved by the Research Ethics Committee.</p> <p>My contributions to the manuscript format conclude here.</p>	<ul style="list-style-type: none"> <li>• Lyophilization is used mainly for long term storage to preserve the biochemicals. It is expensive also. A drawback is freeze drying can remove volatile compounds from extract. As the research was performed by 7 days soaking, filtration, volume reduction by using rotary evaporator followed by storing in air tight container to study from next day.</li> <li>• The presence of the flavonoids, tannin and alkaloid in the extracts, which could act synergistically and/or independently to enhance the activity of glycolytic enzymes. Moreover, phytochemical constituents like flavonoid [50] which is a active biological principle of most medicinal plants with hypoglycemic and antidiabetic activities.that propose the cardioprotective features with prevention of cardiovascular complications arising from hyperlipidemia [51].</li> <li>• The research is approved by the Research Ethics Committee of the university.</li> </ul>