

## Review Form 1.6

Journal Name:	<a href="#">International Journal of Biochemistry Research &amp; Review</a>
Manuscript Number:	Ms_IJBCRR_82870
Title of the Manuscript:	Anti-diabetic Effects of the Aqueous and Ethanol Extracts of Ipomea batatas Tubers on Alloxan Induced Diabetes in Wistar Albino 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:

(<https://journalijbcr.com/index.php/IJBCRR/editorial-policy> )

### 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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"> <li>1. You should use prof reading for your manuscript</li> <li>2. Introduction should begin with a sentence that makes the reader excited, for example diabetes is the cause of death in the world, followed by the prevalence of diabetes throughout the world</li> <li>3. The reason for choosing Ipomoe batatas as an antidiabetic is still not visible in the introduction</li> <li>4. It is better if the plant identification number is included in the method</li> <li>5. The writing of the abbreviation of Ipomoe batatas is corrected. for example Ipomoe batatas (I.batatas), then the next word used is I.batatas</li> <li>6. Does the extract concentration process not use a rotary evaporator?</li> <li>7. Are there any special criteria for the test animals to be used?</li> <li>8. Is the writing for the test animal group in accordance with the journal guidelines?</li> <li>9. Maybe you can explain how the mechanism of the compounds found in Ipomoe batatas (terpenoids, alkaloids, glucosides etc..) specifically as antidiabetic only. no need for other activities because the title of your research is related to diabetes It is better to add supporting references</li> <li>10. The secondary metabolite of ipomoe batatas which has the most role as antidiabetic is.....why?</li> <li>11. Why the higher the concentration (400 mg/kg extract ethanol) of antidiabetic activity the better?</li> <li>12. What are the advantages of your research compared to other research? Are there any similarities between the results of your research and other studies? if you please mention it in the discussion section</li> <li>13. "The aqueous extract of <i>I. batatas</i> gave a higher percentage extract yield than the ethanol extract" This sentence is found in the conclusion, but not found in the discussion section, and why this can happen, is it because the secondary metabolite ipomoe has a higher solubility in water or what?? please explain</li> <li>14. Please use the latest reference</li> </ol>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<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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