

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research in Zoology</a>
Manuscript Number:	Ms_AJRIZ_122585
Title of the Manuscript:	Impact of Bitter Gourd (Momordica charantia) Hypoglycemic Formulation on Biochemical Parameters in Alloxan-Induced Diabetic Albino Rats
Type of the Article	

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This is the article regarding use of bitter gourd in diabetes mellitus. The efficacy of this herbal product has been tested in this study which is novel and useful . the glucose levels , creatine levels, protein levels and cholesterol levels were compared with different doses of methanolic extract and the standard sulfonylurea available . the result was favourable for methanolic extract	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes but it is not structured abstract kindly make it structured	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This is the article regarding use of bitter gourd in diabetes mellitus. The efficacy of this herbal product has been tested in this study which is novel and useful . the glucose levels , creatine levels, protein levels and cholesterol levels were compared with different doses of methanolic extract and the standard sulfonylurea available . the result was favourable for methanolic extract	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
<u>Minor</u> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	<ol style="list-style-type: none"> <li>1. These findings suggest a dose-dependent efficacy of <i>Momordica charantia</i> in lowering blood glucose levels in diabetic rats. Correct as [These findings suggest a dose-dependent efficacy of <i>Momordica charantia</i> in lowering blood glucose levels in <b>alloxan induced</b> diabetic rats.]</li> <li>2. Alloxan is a toxic glucose analogue that selectively destroys pancreatic <math>\beta</math>-cells, resulting in insulin-dependent diabetes mellitus, similar to Type 1 diabetes in humans correct as [Alloxan is a toxic glucose analogue that selectively destroys pancreatic <math>\beta</math>-cells, resulting in insulin-dependent diabetes mellitus, similar to Type 1 diabetes <b>mellitus</b> in humans]</li> </ol>	
<u>Optional/General</u> comments	Nil	

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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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