

Review Form 3

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Journal Name:	Asian Journal of Research in Zoology
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

Compulsory 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.	It is an interesting experimental study that showed the superior efficacy of methanolic extract of <i>Momordica charantia</i> in glycemic control compared to Glizid-M.	
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	
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.	The authors are advised to discuss the effects of the extract on enhancing glucose uptake, consumption and utilization. The effects on activating important signalling pathways and IRS-1/ PI3K/Akt pathway in particular. Discss the effects on inhibiting α -amylase and α glucosidase. Discuss LD50and safety concerns.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	I recommend accept with minor changes as cited above	

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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