

Review Form 3

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_129155
Title of the Manuscript:	Attenuating Ketamine-Induced Nephrotoxicity with Bryophyllum pinnatum Extract – Biochemical and Histological Investigation
Type of the Article	Original research

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: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Is the manuscript scientifically, correct? Please write here.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<ul style="list-style-type: none"> • There is no research done for molecular investigation in the article. If some studies were done on genes related to apoptosis and inflammation, it could be said that this plant extract may have a real protective effect. Also, not all parameters have been evaluated from a biochemical perspective. However, despite its shortcomings, a comprehensive study that we cannot call unimportant has been done on the subject. It will contribute to the literature when published after revision. • The use of English in the article is not bad. However, the entire article needs to be revised from top to bottom in terms of editing. There are few errors in the use of some prepositions. Also, there are weaknesses in some sentences. • “Given the dual susceptibility of the kidney and liver to damage in cases of ketamine abuse, there is an urgent need for therapeutic strategies to mitigate these effects and restore normal organ function.” It would be better to eliminate the disorders that may occur as a result of medical use of ketamine rather than its abuse. It does not benefit the study to get into the subject of abusive ketamine use. You can revise this section and make the introduction a little shorter. • Table 1. Intervention phase experimental design Received 20mg/kg ketamine I.P once daily for 21 days. Write the full name of the abbreviation where it first appears. • and blood urea nitrogen (BUN) was calculated from urea levels using established conversion factors consistent with Hosten [41]. There are some inconsistencies in the submitted text in terms of line spacing and font. These need to be standardized. • The tissues were then transferred into 10% chloroform and carefully trimmed to a thickness of 2mm to 4mm to facilitate the penetration of the fixative. 2 mm 4 mm There are some minor glitches in the article. Please check them all. • Effect of B. pinnatum on Kidney function makers in Ketamine-induced Toxicity in Wistar Rats This subheading is descriptive but unnecessarily long. Also it is “markers” not “makers” It is best if tables are placed below the paragraph in which they appear in the text. • The control group maintained stable albumin levels at 4.10±0.06 g/dL. The control group maintained stable calcium levels at 2.50±0.06 mmol/L. The control group had consistent potassium levels at 1.20±0.06 mmol/L. etc. There is no need to repeat the information given in the table as text in the results section. Revise and shorten these sections. • The effect of ketamine and various doses of B. pinnatum on kidney histology in Wistar : Wistar what?? This subheading is too long. We know that this study was conducted with wistar rats and that the effects of B. pinnatum on ketamine toxicity were evaluated. You don't need to state these again in every subheading. You can just say "Histological examination results" here. • Your histological images are not clear. This may also be due to sending them as a Word document. It would be better to use better resolution photos. • Chronic and illicit use of ketamine can also cause structural damage to the urinary tract, including the bladder, ureters, and kidneys [46]. Doesn't it cause these toxic effects when used legally? I think just mentioning chronic use is enough here, there is no need for the word "illicit". • Treatment with B. pinnatum at both 100 mg/kg and 200 mg/kg doses significantly mitigated these biochemical changes, bringing the levels of BUN, creatinine, and urea closer to the control values. This sentence cannot be the beginning of a new paragraph. Connect this sentence to the paragraph above. • I don't think subheadings are necessary in the discussion section. • Some references are shown unnecessarily. As far as I can see, at least 7 or 8 sources should be 	

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	deleted from the article. Only reference the source from which the information you mentioned belongs. Not all articles that may be related to the subject.	
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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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