

Review Form 3

Journal Name:	Asian Journal of Research and Reports in Neurology
Manuscript Number:	Ms_AJORRIN_123820
Title of the Manuscript:	Histopathological Alterations and Ki-67 Proliferation Index Evaluation following Nitrosobis Amine-Induced Cerebral Toxicity in Experimental Animal Model treated with Curcumin
Type of the Article	

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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 <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>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.</p>	<p>INTRODUCTION- appears to be appropriate but some references quoted are quite very old like # 5 from the year 1998. References can be expanded or replaced to include some newer studies.</p> <p>MATERIAL AND METHODS – Sample size of 20 appears to be adequate but it was a 4-arm comparative study with 5 animals in each arm- 4 for statistical analysis when the outlier was removed. Can author/authors explain what statistical method was used to calculate sample size and how it was determined 4 was an adequate number? In the section of Statistical Analysis- suggest replacing tabularized if possible. Also, in table 1 – please expand and explain the units Kg.bw at least once. Also mention what version of SPSS used and mention p value was ?2 tailed and correct the grammar in that sentence to something like was considered statistically significant.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>TITLE- appears appropriate.</p>	
<p>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.</p>	<p>ABSTRACT-There are spelling and grammar corrections to me made in the abstract and also the Manuscript. Recommend applying spelling and grammar check for these corrections. For example, in line 7-instead of graded concentration-can use something like increasing or variable concentrations, line 8- evaluation of Ki while necrotic focal points ... was also-can be reframed as and necrotic focal points ... were also.... Line 11 – p value was mentioned as significantly decreased-it would be better to say p value was significant. Also mention the exact p value than saying less than ≤ 0.05. Line 13- word reversed can be changed to a better word like resolved or reverted to normal.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>		
<p>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.</p>	<p>RESULTS- KI-67 Proliferating Expression – line 4 -please expand the unit kgbw and explain once before abbreviating. Line 6 – correct the p value and mention exact value and mention as statistically significant and not as “remarkably increased”.</p> <p>Figure 1 – was good quality, but 1D does not appear to be 25% positive. Recommend review by Pathology reviewers from the journal to confirm the findings as this is the main aim of the study. Again, in methodology it was not mentioned if the path review was done by 1 or 2 pathologist-if possible, mention.</p> <p>Figure 2 – with box plot is appropriate. Histopathological Observations- line 2 mentions something about 2B and not clear a there is no 2B in the photomicrograph -author meant it to be 3B? Is so please correct. Same path review comments apply to Figure 3 as for figure 1.</p> <p>DISCUSSION- appears as appropriate- but needs English grammar and spell check as there are some mistakes in that aspect. As mentioned above -try to add relevant and newer references. Reference 5 and 18 can be replaced by newer refences. References like 12, 13, 19 were not relevant to the topic as they were not on brain tumor or Ki67. Authors, please crosscheck and replace with references relevant to the topic.</p> <p>CONCLUSION- was too short and can be expanded to include the histopathology relevant end point as there were 2 end points described in the title, methodology and</p>	

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	<p>discussion-KI67 and Histopathology changes. Please correct for English grammar like word “potentials”.</p> <p>Overall good study and needs above changes/revision for review.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>		
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Needs grammar check – example- word “rats will be kept” can be changed to past tense “were kept” as study completed now.</p>	
<p><u>Optional/General</u> comments</p>		

PART 2:

	Reviewer’s comment	Author’s comment <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>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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