

## Review Form 1.6

Journal Name:	<a href="#">Journal of Complementary and Alternative Medical Research</a>
Manuscript Number:	Ms_JOCAMR_86610
Title of the Manuscript:	HISTOPATHOLOGICAL ASSESSMENT OF ORGAN IMPAIRMENT OF Rattus albus TREATED WITH SELECTED MEDICINAL PLANTS
Type of the 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://www.journaljocamr.com/index.php/JOCAMR/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	<p>This initial submission is an experimental study with histopathological determinations of abnormal and normal tissues with single end-point comparisons of counted categorical data. There are several plant extracts that are investigated for their effects on tissue after in vivo rodent exposure. The outcome is a difference between groups.</p> <p>Reviewer recommendations: There are limited results for a study with a large number of animal subjects utilized: There should be additional results on the samples including IHC for specific markers. Additional methods/results can be incorporated such as a determination of the constituents (ie mass spectrometry, NMR), while other additional data could include differential gene expression across the tissue categories (ie PCR, RNAseq).</p> <p>The results are with a low sample size for the categorical Chi Square test, but the numerical results are missing, a Fischer's Exact categorical test can be utilized; the gender-specific differences in effect are assessed also by Chi Square. The histological tissue analyses are sub-classified for various grades of histopathologic changes but only overall categories are assigned: the subclassification results must be reported with more details. There can be either inter-tissue comparison of abnormal and normal results, or inter-plant species extract comparisons of abnormal and normal categories, which needs to be clarified; where are the ANOVA analysis results of continuous data?</p> <p>When all of the results are reported with subclass analyses (ie inflammation, vacuolization), then these can be discussed with focus on the exact chemicals that result in the observed histopathology discussion can be more comprehensive with a final conclusion, and then the Abstract can be written accordingly.</p>	
<b>Minor</b> REVISION comments	As discussed above (not applicable at this stage, n/a)	
<b>Optional/General</b> comments	n/a	

### 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>	

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