



SDI FINAL EVALUATION FORM 1.1

PART 1:

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| Journal Name: | International Journal of Pathogen Research |
| Manuscript Number: | Ms_IJPR_45455 |
| Title of the Manuscript: | ANTIMALARIA AND HEMATOLOGICAL PROPERTIES OF ETHANOLIC LEAVE EXTRACT OF PENNISETUM PURPARUM ON PLASMODIUM BERGHEI INFECTED MICE |
| New title: | ANTIMALARIA AND HEMATOLOGICAL PROPERTIES OF ETHANOL LEAF EXTRACT OF PENNISETUM PURPUREUM ON PLASMODIUM BERGHEI INFECTED MICE |
| Type of Article: | Original research paper |

PART 2:

| FINAL EVALUATOR'S comments on revised paper (if any) | Authors' response to final evaluator's comments |
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| <p>Most of the alterations required were done, but some o them still remain, such as:</p> <p>In the Methodology: "Since chloroquine resistant is widespread throughout the world, wouldn't it be better to choose a chloroquine-resistant strain? Or there was no chloroquine resistant strain available?"</p> <p>"Why artesunate was tested only at 5 mg/kg but the extract was tested at two higher concentrations (200 and 400 mg/kg)?"</p> <p>The following alterations that were previously requested had not been made:</p> <p>In the Discussion:</p> <ul style="list-style-type: none"> - You said that there are four species of Plasmodium inecting humans, but burrently, at least five species are known to cause malaria in humans: P. falciparum, P. vivax, P. malariae, P. ovale and P. knowlesi, as can be seen in the reference below: COX, FEG. History of the discovery of the malaria parasites and their vectors. Parasites & vectors, v. 3, n. 1, p. 5, 2010. - I think this kind of information (regarding the malaria parasites in humans) must be moved to the introduction, since you are explaining basic aspects of the disease. - There is no discussion at the topic of the 'Effect on packed cell volume (PCV)' since you simply repeated the results. You should bring similar studies and discuss how are they related to yours'.If no studies involving the effect of extracts on PCV exist in literature, you should emphasize this information. - "This result is similar with that obtained from previous publications¹⁸."You should discuss some these previous results with your findings - " However, only the low dose (200mg/kg) of the ethanolic leaf extract shows a significant suppressive effect on <i>P. berghei</i> infected treated mice" Why is the high dose (45.52%) not significant? | <p>There were chloroquine resistant strains. But, it was not our concern as the study was specifically designed for <i>Pennisetum purpureum</i> extract with artesunates.</p> <p>Yes. The intent was to see the effect of increasing the extract's dose on haematological variables; not actually for artesunat as their (artesunates) anti-malaria tendencies have already been established.</p> <p>Discusssion</p> <p>- I think this kind of information (regarding the malaria parasites in humans) must be moved to the introduction, since you are explaining basic aspects of the disease.</p> <p>We also think that such information could be placed under discussion. The idea of discussion is to expand on the work as it were. That included a brief revision of literature, expansion of results, and citation of related findings. That piece of information was a refresher as such.</p> <p>- There is no discussion at the topic of the 'Effect on packed cell volume (PCV)' since you simply repeated the results. You should bring similar studies and discuss how are they related to yours'.If no studies involving the effect of extracts on PCV exist in literature, you should emphasize this information.</p> <p>Little not has been added (highlighted in yellow) as suggested.</p> <p>- "This result is similar with that obtained from previous publications¹⁸."You should discuss some these previous results with your findings</p> <p>Removed and expanded.</p> <p>Why is the high dose (45.52%) not significant?</p> <p>Reason was quite inexplicable. But, we had to report it as we found it.</p> |



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General

English grammar still have to improve before publication.

PLEASE CHECK THE ATTACHMENT

All modifications were made with the 'Revision' Word tool. The authors should consider a professional editing service for further improving the writing.

Effectuated as suggested. Thanks.