



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Advances in Medical and Pharmaceutical Sciences</a>
Manuscript Number:	Ms_JAMPS_63741
Title of the Manuscript:	Antiplasmodial Activity of seed oil of Moringa oleifera (Lam.)
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:

(<http://www.sciencedomain.org/journal/10/editorial-policy> )



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**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)
<p><b>Compulsory</b> REVISION comments</p>	<p><b><u>MATERIALS AND METHODS PARTS</u></b></p> <ul style="list-style-type: none"> <li>- <b>Materials: specify all the chemicals and reagents (origin, grade), Plasmodium berghei from IMRAT (clinical isolates or from authenticated collection)</b></li> <li>- <b>Give more details about acute toxicity study: how were prepared the extracts? unique dose administration or repeated dose administration during several days ?</b></li> <li>- <b>Give more details about the inoculation of the parasite suspension to the Mices in group A, B, C, D and E.</b></li> </ul> <p><b><u>DISCUSSION PARTS must be more developed:</u></b></p> <p><b>Compare the obtained results, especially, the recorded death with M. oleifera seed oil treated mices with the literatures having used the same biological methods and tested other plant extracts:</b></p> <ol style="list-style-type: none"> <li>1) <b>did these literatures have reported deaths and what were their explanation?</b></li> <li>2) <b>do these extracts and M. oleifera seed oil have some chemical composition in common, especially in crude hexane ?</b></li> <li>3) <b>What are the recommendable doses to be administered to the mice in this kind of experience?</b></li> <li>4) <b>Is it possible to do histopathological examination of liver of healthy mices and treated mices to detect eventual alterations? Or to dosage liver biomarker enzymes to detect dysfunction?</b></li> </ol> <p><b><u>CONCLUSION PART</u></b>  <b>In connection to the above discussion remark, before concluding as the M. oleifera seed oil may be suitable for the treatment of human malaria, this point of mice's death must be more investigated. Furthermore, no mortality was recorded with infected and non-treated Mices.</b></p>	
<p><b>Minor</b> REVISION comments</p>	<p><b><u>GENERAL REMARKS:</u></b>          Structure of some sentences must be improved, for example "The findings from Olaniran <i>et al.</i> (2019) showed that <u>the higher the doses of the extract the higher the percentage chemosuppression which produced high PCV values</u>"; or "The 400 and 200mg/kg dosages were successively obtained by 1/2 dilution from 800mg/kg and thereafter 400mg/kg obtained body weight dosage..."</p> <p><b><u>RESULTS PARTS</u></b></p> <ul style="list-style-type: none"> <li>- <b>Improve the presentation of the results in figure 1: Erase the title inside the figure (PVC (%) value of healthy and post treated Mices. Put only Group of Mices vs PVC (%) ; The figure 1 shows Packed cell value expressed in % measured before infection exposure and after treatment in experienced Mices.</b></li> <li>- <b>Improve the result presentation in figure 2. Erase the title inside the figure (% chemosuppression of parasitemia count). Specify on the figure the Y axis as chemosuppression (in %) of parasitaemia count, and X axis as Group of mices. The figure 2 shows Parasitaemia count expressed as percentage of inhibition of parasites in untreated and treated Mices.</b></li> </ul>	



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Optional/General comments	none	
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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:**

Name:	<b>Emmanuel Guy Raelison</b>
Department, University & Country	<b>University of Antananarivo, Madagascar</b>