



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">International Journal of TROPICAL DISEASE &amp; Health</a>                   |
| Manuscript Number:       | <b>Ms_IJTDH_21450</b>                                                                    |
| Title of the Manuscript: | <b>IN VITRO AND IN VIVO EVALUATION OF ANTILEISHMANIAL ACTIVITY OF PHYLLANTHUS NIRURI</b> |
| Type of the Article      | <b>Original Research Article</b>                                                         |

**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/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                     | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Author's comment</b> (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><b>Abstract:</b></p> <ul style="list-style-type: none"> <li>The abstract has to be re-written with a short introduction before the aim, without mix up of results and methodology, completeness of statements (check line 17) and revision of key words</li> </ul> <p><b>Introduction:</b></p> <ul style="list-style-type: none"> <li>2<sup>nd</sup> largest parasitic disease, 350 million people worldwide?</li> <li>Why are the current treatments with the control drug (SSG) not satisfactory? Its Poisonous nature? Missing in introduction. The opening paragraph should be re-written to flow well</li> <li>Break sentence beginning in line 47 for it to make sense.</li> <li>Sentence beginning in line 50 should be moved to its correct position.</li> <li>In general a little rearrangement of the section will make it read scientifically.</li> </ul> <p><b>Materials and methods:</b></p> <ul style="list-style-type: none"> <li>Start with where the work was done.</li> <li>2.2, 2.3 and 2.5 can be merged with one title "preparation of plant extracts and phytochemical screening". How was the plant identified? Using keys? Need for their reference.</li> <li>How was <i>P. niruri</i> injection done? Intraperitoneally?</li> <li>2.8.1-2.8.4 should be collapsed and differentiated by paragraphs.</li> <li>It is not clear which mice are being referred to in 2.8.5.</li> </ul> |                                                                                                                                                                                      |



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|                                         | <ul style="list-style-type: none"> <li>• Collapse subsections of 2.8.7</li> </ul> <p><b>Results</b></p> <ul style="list-style-type: none"> <li>• It is not clear in Fig. 2 why the parasite load levels are already low on day 0 when the treatment actually began. Ideally, the levels should approximate the untreated control. The same applies to fig. 3 and 4.</li> <li>• There should be a statistical comparison between SSG and <i>P.niruri</i>.</li> </ul> <p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li>• It isn't clear whether in the sentence beginning on line 263 is referring to the current study or another. If latter, a reference should be given.</li> <li>• Sentence in line 265 is misplaced.</li> <li>• Only treated in methods is intraperitoneal not oral as in line273.</li> <li>• Line 343 should refer to current study results and not just the study.</li> </ul> |  |
| <b><u>Minor</u></b> REVISION comments   | Ethical issue: There are. The use of BALb/c mice in drug experiments. Approval was however given.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b><u>Optional/General</u></b> comments |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |

**Reviewer Details:**

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|----------------------------------|----------------------------------------------|
| Name:                            | <b>Anonymous</b>                             |
| Department, University & Country | <b>South Eastern Kenya University, Kenya</b> |