



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_26751
Title of the Manuscript:	Hydroalcoholic extract of Alstonia scholaris arrests ingress of Plasmodium falciparum by effective RBC membrane stabilization
Type of the Article	Original Research 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/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	ABSTRACT Line 13: 'In order to assess their acclaimed potential' ----- Author is describing only one extract, therefore the above statement should be rephrased. Materials and Methods Line 60: What is the herbarium number attached to the plant after authentication? Line 72 and 74: 'Both the extract----' Conformation of active constituents----- Author needs to check grammar and tenses for correctness Line 73-74: This study describes the antimalarial effect of hydro-alcoholic extract of A.scholaris, after the extract has been obtained in line 64-65 (under preparation of crude extract), how many other selected solvents were used (line 73) and how many extracts did you eventually obtain? Line 95-112: it seems the author used both aqueous and hydro-alcoholic extracts here, then the title of the manuscript and abstract should reflect the two extracts used. Line 127: 'iRBC' should be written in full before abbreviation as it is being used for the first time in the manuscript.	Corrected Corrected Corrected As better results were obtained with hydro-alcoholic extract only hydro-alcoholic extract was used for further studies. Corrected



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	RESULTS AND DISCUSSION Results are usually presented separately from discussion to enhance quality presentation, but in this manuscript because both results and discussion are mixed together, the discussion is almost absent or superficial. Tables 2 and 3: there is no consistency in number of extract used and the dose used for treatment. Lowest and highest dose in table are different from the lowest and highest dose in table 2. The decimal places are also not consistently applied in dose concentration. Line 241: Title of the figure is incomplete and should be below (not above) the figure. Rephrase title as: 'Assay for inhibition of plasmodium falciparum ingress (entry) into RBC'. Line 243: Table 5 is not self-explanatory and appears to be a replication of the information on figure in line 241. Number of groups in experimental design should be uniform/consistent throughout the manuscript	As per journal format Corrected Corrected Corrected Corrected
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		