



SDI Review Form 1.6

Journal Name:	British Microbiology Research Journal
Manuscript Number:	Ms_BMRJ_29262
Title of the Manuscript:	EVALUATION OF ANTIMALARIAL EFFICACY OF BERGENIA CILIATA (SAXIFRAGACEAE) LEAF EXTRACT: AN IN VITRO AND IN VIVO STUDY
Type of the Article	Original Research Article

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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.

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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	Introduction: - There are very few references, most of which are not current. There are several statements that require referencing. Materials and methods: - There is no section to outline the method used for statistical analysis. - Under the in vivo section, the author did not mention the standard suspension vehicle for treatment administration. As well as the way the drug/extract was administered. With reference to the previous article published June 2013 on the Parasitology Research Journal (reference 5 in the current article), the current study compared to the previous article is similar in terms of the following: aim, objectives and conclusion. It appears as not a continuation of the previous study but a replica with minor differences which could have been included in the previous article i.e. Walter NS et al. Antimalarial activity of <i>Bergenia ciliata</i> (Haw.) Sternb. Against <i>Plasmodium berghei</i>. Parasitol Res. 2013; 112: 3123-3128.	Introduction: - More recent references have been included in the introduction. Materials and Methods: - Section 2.10 for statistical analysis has been included in the manuscript. The statistical analysis was performed using sigmaplot software for calculation of IC₅₀ and graphpad software for the 't' test. - As suggested, standard suspension vehicle and the route for the drug/extract administration has been included in the <i>in vivo</i> section. The present study is not similar to previous one in terms of aim, objectives and conclusion. The current study aims to test the activity of the extract against <i>Plasmodium falciparum</i> and its antimalarial potential as a preventive and curative remedy against <i>P. berghei</i> infection. Further the study reports the safety of the extract on liver and kidney function of the rodent host. In the previous study, the <i>in vitro</i> activity was tested against <i>P. berghei</i> and its <i>in vivo</i> suppressive activity was assessed. So present study is not a replica of the original work rather it reports <i>in vitro</i> activity of the extract



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		against CQ sensitive (MRC-2) and resistant (RKL-9) strains of human malaria parasite <i>P. falciparum</i> along with its preventive and curative potential against rodent malaria parasite.
Minor REVISION comments		
Optional/General comments		