



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_21645
Title of the Manuscript:	Antimalarial Potentials of Leaf and Stem Bark Methanol Extracts of Diospyros mespiliformis on Plasmodium Berghei (Nk65) Infected Mice
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/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	I have looked through the manuscript and offer the following comments; - Title: Several works have been carried out on the plant with respect to the title of the paper e.g. (a) Ebbo AA, Mammam M, Suleiman MM, Ahmed A, Bello A (2014) Preliminary Phytochemical Screening of <i>Diospyros Mespiliformis</i>. Anat Physiol 4:156. doi: 10.4172/2161-0940.1000156 (b) B Adzu, OA Salawu Screening Diospyros mespiliformis extract for antimalarial potency. International Journal of Biological and Chemical Sciences, Vol. 3, No.2, 2009 - In view of i above and since several bioactive compounds have been isolated from the plant, therefore phytochemical screening without further isolation is not a germane enough for consideration - In view of i above, the antimalarial screening seems to be a repetition of previous studies as exemplified in i above - The Introduction lacks several information related to the plants such as the ethnomedical uses of the plant, several biological studies previously carried out on the plant, volatile and non-volatile constituents previously characterized from the plant e.t.c. as could be seen above and below - The Methodology also lack new concepts even if previous research is to be repeated	The manuscript had been corrected , which include: Introduction Methodology Discussion Style of journal



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	vi. The discussion was limited to only the present data without comparison with previous data or elicit the mechanism by which they occur and advance evidence for compounds that may elicit such behavior vii. The manuscript was not prepared in accordance with the style of the journal i.	
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<u>Minor</u> REVISION comments	Some previous information which should have been included in the manuscript i. Isolation and analgesic property of lupeol from <i>Diospyros mespiliformis</i> stem bark Journal of medicinal plant research 9(30):813-819 ii. B. A. Lajubutu¹, R. J. Pinney², M. F. Roberts^{2,*}, H. A. Odelola¹ and B. A. Oso. Antibacterial activity of diosquinone and plumbagin from the root of <i>Diospyros mespiliformis</i> (Hostch) (Ebenaceae). Phytotherapy Research. Volume 9, Issue 5, pages 346–350, August 1995 iii. Adewale Adewuyi^{1,2} and Rotimi Ayodele Oderinde. Fatty Acid Composition and Lipid Profile of <i>Diospyros mespiliformis</i>, <i>Albizia lebbek</i>, and <i>Caesalpinia pulcherrima</i> Seed Oils from Nigeria. International Journal of Food Science Volume 2014 (2014), Article ID 283614, 6 pages. http://dx.doi.org/10.1155/2014/283614 iv. Ietidal E. Mohamed¹, El Bushra E. El Nur^{1*}, Muhammad I. Choudhary. and Shamsun N. Khan. Bioactive Natural Products from Two Sudanese Medicinal Plants <i>Diospyros mespiliformis</i> and <i>Croton zambesicus</i>. <i>Rec. Nat. Prod.</i> 3:4 (2009) 198-203 v. S. M. Zhong, P. G. Waterman and J. A. O. Jeffreys (1984). Naphthoquinones and triterpenes from African <i>Diospyros</i> species. <i>Phytochemistry</i> 23, 1067-1072. i. A. L. Fallas and R. H. Thompson (1968). Ebenaceae extractives- 111-binaphthoquinones from <i>Diospyros</i> species. <i>J. Chem. Soc. (C)</i>. 18, 2279-2282.	Some of these references were introduced in the manuscript.
<u>Optional/General</u> comments		