Dove Medical Press invites you to review a paper for Journal of Experimental Pharmacology Submission ID: 260824

1 message

Mr Ashley Oldham <ashleyoldham@dovepress.com>
Reply-To: Mr Ashley Oldham <ashleyoldham@dovepress.com>
To: wiwied-e@ff.unair.ac.id

Thu, May 21, 2020 at 7:19 PM

Dear Dr Ekasari

We invite you to join our peer review community to complete a review of the following manuscript:

Manuscript title: In-vivo antimalarial activity of Aloe melanacantha leaf latex against Plasmodium berghei in Swiss Albino mice

Article type: Original Research

Author: Mr Gebrehiwot Kiros

Journal: Journal of Experimental Pharmacology
https://www.dovepress.com/journal-of-experimental-pharmacology-journal

Abstract: appears at the end of this email

Our expert reviewers greatly contribute to the high standards of the journal, and we hope that you will be willing to provide your expert assessment on this article. If you agree to review this manuscript, we would appreciate receiving your comments 10 days from accepting the invitation.

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I thank you for considering our invitation.

If you have any questions do not hesitate to contact me.

Yours sincerely

Mr Ashley Oldham
On behalf of Professor Bal Lokeshwar
Journal of Experimental Pharmacology
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Abstract:
Abstract: Malaria is a major health concern in the world in general and developing countries in particular. Nowadays, the control of malaria has ended up steadily more complex due to the spread of drug-resistant parasites. Medicinal plants are the verifiable source of compelling antimalarials. The present study was pointed to assess the in-vivo antimalarial activity of Aloe melanacantha leaf latex against Plasmodium berghei in mice. Four day suppressive model was utilized to investigate the antimalarial activities of the plant. 100, 200 and 400 mg/kg/day doses of the plant leaf latex was administered to evaluate the activity versus distilled water administered mice. Percent parasitemia suppression, packed cell volume, mean survival time and rectal body temperature were the factors utilized to compare the efficacy versus negative control. Mice treated with 100, 200 and 400 mg/kg of the latex appeared a significant parasitemia suppression compared to the bunch of mice treated with distilled water which is 14.86%, 29% and 43.2% chemo-suppression respectively. ANOVA and paired comparison results showed that survival time of bunch of mice treated with 200mg/kg and 400mg/kg has appeared a significant survival time compared to the bunch of mice treated with refined water. Similarly the body weight of groups of mice treated with 100 and 200 mg/kg of the latex and 10 mg/kg chloroquine is significantly reduced compared to the group of mice which took distilled water. The leaf latex of A. melanacantha has showed a significant antimalarial activity against Plasmodium berghei in mice supporting the genuine traditional antimalarial usage of the plant. However, stepping forward for the development of potentially active antimalarial compound/s requires further fractionation and isolation of the active compounds and testing them for antimalarial activity.

Thank you for accepting to peer review

1 message

Mr Oldham <ashleyoldham@dovepress.com>
Reply-To: Mr Oldham <ashleyoldham@dovepress.com>
To: Dr Ekasari <wiwied-e@ff.unair.ac.id>

Thu, May 28, 2020 at 8:53 PM

Dear Dr Ekasari

Thank you for agreeing to review the manuscript:

Manuscript title: In-vivo antimalarial activity of Aloe melanacantha leaf latex against Plasmodium berghei in Swiss Albino mice

Article type: Original Research

Author: Mr Kiros

Journal: Journal of Experimental Pharmacology

We would appreciate receiving your comments by 8 Jun 2020.

To access the manuscript and complete your review, please click on the following link:
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* When you have completed your review, and are ready to submit it to the Editor, click on "Submit."

* Please remember that all communications regarding this manuscript are privileged and confidential.

Many thanks for your assistance with this paper and I look forward to hearing from you.

Kind regards
Mr Oldham
On behalf of Professor Lokeshwar

Thank you for the review

1 message

Jenny Dalton <jennydalton@dovepress.com>
Reply-To: Jenny Dalton <jennydalton@dovepress.com>
To: wiwied-e@ff.unair.ac.id

Tue, Jun 9, 2020 at 5:50 AM

Dr Ekasari

Journal Name: Journal of Experimental Pharmacology
Title: In-vivo antimalarial activity of Aloe melanacantha leaf latex against Plasmodium berghei in Swiss Albino mice
Submission ID: 260824

On behalf of the author(s) and Dove Medical Press I would like to thank you for providing peer review comments for this manuscript. The time and effort that you have put into this review is most appreciated.

You can now view and download your peer-reviewer acknowledgement certificate here (just click on "Journal of Experimental Pharmacology" to view the PDF):
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Regards

Jenny Dalton
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To whom it may concern

Dr Wiwied Ekasari has reviewed 1 submission in the journal *Journal of Experimental Pharmacology* during 2020.

This contribution is greatly appreciated.

Regards

Angela Jones
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