Reviewer's report

Title: Experimental assessment of antidiarrheal and antisecretory activity of Zehneria scabra in mice

Version: 2 Date: 6 July 2014

Reviewer: Kishor Mazumder

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Major compulsory revision is required,

- need revision of background statement, for instance, "Diarrheal disease........................................developing countries (3)" , "This is particular.............. seen" this statement seem inconsistent and can be excluded.

- Beside leaf, fruit and flower of the plant also been used traditionally so these also can be included in the present experiment.

- percentage of purity should be me mentioned for all chemicals and drugs used in this study

- more elaborate description of all phytochemical screening needed to be included both in method and result sections and screening for flavonoids should be included.

- As author mentioned that the antidiarrheal activity could be due to anti E. coli activity so E. coli induced antidiarrheal activity must be included to get more insight of mechanism of action.

- need to explain why mean stool score of dose 200 mg/kg was greater than 400 mg/kg dose.

- Table-1 needed to improve by elaborating the presence of phytochemicals by "+,, ++, +++"

- however, the interpretation of data seem OK other then the above mentioned points.

The present research has importance to establish the scientific basis of the traditionally use of the plant. So it will suitable for the publication after revision

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:

I declare that I have no competing interests