Reviewer’s report

Title: Topical hydrogel containing Fumaria vaillantii Loisel. extract enhances wound healing in rats

Version: 1 Date: 13 Jul 2019

Reviewer: Dr. Zaridatul Aini

Reviewer's report:

This manuscript is assessing the effect of a plant from fumaria species (Fumariacea) which had been traditionally used in wound healing in Iranian folk medicine. Some of the sentences were highlighted in green, which could be the response to the previous comments by other reviewers.

There are several issues with the results/figures that I would like to point out:

1) For Figure 2, Photographs of macroscopic observation of excision wound on days 6, 10, 14, 21. Why are the photos for day 0 were not included? It would be helpful to have those for making comparisons.

2) For Figure 3c, it looks like there was no different between F. vaillantii and the negative control. what s the statistical analysis for this data and what is the p-value?

3) For Figure 4, the scale bar was not included in the pictures.

The findings can be further validated by performing would healing assay in vitro to further understand the basic cellular and molecular mechanism of this gel.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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