Reviewers report

Title: Anti-inflammatory and nephroprotective activity of Juglans mollis against renal ischemia–reperfusion damage in a Wistar rat model

Version: 0 Date: 10 Feb 2019

Reviewer: Houshang Najafi

Reviewers report:

In this study, the authors investigated the protective effect of Juglans mollis extract against IR induced ARF. Administration of Juglans mollis extract improved the function of Kidney, decreased the levels of proinflammatory factors, and resulted in reduced oxidative stress and tissue injuries.

Overall, data well support their hypothesis but manuscript is not well written. Nevertheless, following comments need addressed before publication.

1. Phytochemical analysis is necessary for Juglans mollis extract.

2. The manuscript is poorly written and contains too many grammatical errors and typos. The English definitely needs some work.

3. In materials and methods, it should be noted that unilateral or bilateral ischemia has been used?

4. In figures 2-C, TNF incorrectly typed.

5. For statistical analysis: 1. What kind of analysis of variance has been used? 2. data on histopathologic damages are nonparametric and they can not be analyzed by parametric test.

6. In materials and methods, what are the humane endpoints of the study?

7. In all figures, it is better to use two symbols. a. Comparison with the sham group. b. Comparison with IR group.

8. The discussion is unreliable and requires general rewrite.
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.

Yes

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

Yes

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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