Reviewer’s report

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

Version: 0 Date: 02 Feb 2019

Reviewer: Yifei Zhong

Reviewer's report:

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In this study, the authors examined the renal protective role of Juglans mollis (JM) in ischemic reperfusion rats (I/R). The authors found that JM attenuated I/R induced renal injury and oxidative and stress markers in the rats. The findings are new for JM and might be helpful as a preventive measure in patients who are susceptible for AKI. However, there are several concerns as below:

1) Since JM was given prior to injury, this study only tested the preventive effects but it would be interesting to determine whether JM still has effects after injury occurs.

2) I am not clear whether JM was given continuously after injury. This needs to be clarified.

3) I don't understand why MDA increased by JM without I/R injury.

4) The resolution of kidney histologic pictures is poor. The pictures of better quality need to be shown.

5) It would be nice to show some kidney staining results on the oxidative and inflammatory markers.

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.

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:

Acceptable

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