Reviewer's report

Title: Acute and chronic antihypertensive effects of Cinnamomum zeylanicum stem bark methanol extract in L-NAME-induced hypertensive rats

Version: 3 Date: 25 September 2012

Reviewer: A Ziyyat

Reviewer's report:

The manuscript shows a clear antihypertensive effect of the stem bark methanol extract of Cinnamomum zeylanicum in acute and chronic treatment with L-NAME. The methods are simple and efficient and the results are clear and conclusive. The originality of the work is that it combines two methods of inhibiting NO synthase in acute and chronic and it offers a full range of biochemical assays namely triglycerides, cholesterol and NO tissue. The authors also conducted a study on the morphological changes of the aorta and heart left ventricle which shows the protective role of this plant against damage caused by hypertension. I suggest to publish this article with some minor modifications.

1) Background:
line 3: replace "Endothelial dysfunction itself" by "which" in order to avoid duplication with the previous sentence
Line 8: correct "anti-hypertrophic agent"

2) Methods: Biochemical analysis
Line 4: correct "other"
line 12 : "by using NaNO2" (delete a)

3) Results: Effects of methanol extract on tissue nitric oxide
lines 5 and 6 "in the aortic and cardiac tissues"
- For all percentages, keep one decimal

4) Discussion: page 13 line 8: correct "managed"

5) Conclusion: The sentence "the acute antihypertensive effects might in part due to vasodilating icts ..." must be removed from the conclusion because you have not realized vascular study in this work. you can put it in the discussion

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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