Author's response to reviews

Title: Anti-thrombotic effects of alpha-linolenic acid isolated from Zanthoxylum bungeanum maxim seeds

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Author's response to reviews: see over
Dear Editor,

We are pleased to answer the editor and referees’ questions, the manuscript has been revised according to the comments. The questions were answered as below.

We also appreciated the editor and reviewers’ suggestion which are valuable in improving the quality of our manuscript.

Best regards,

Siwang Wang

Editors’ Comments:

1) Please check in the title for the correct writing word of seeds? in “...Zanthoxylum bungeanum maximum seeds.”

Response: The title has been corrected in the revised manuscript.

2) Cross check the whole MS for other spelling or grammar errors.

Response: The spelling or grammar errors have been corrected in the revised manuscript.

3) Authors must also address concerns raised by the examiners.

Response: The authors report no potential conflicts of interest.

Referees’ comments:

Referee #1:

1. Authors need to have an ethical approval Ref number for animal handling.

Response: The ethical approval Ref number was JMK-2011078 for mice, and JRK-2012113 for rat.

2. Animal maintenance (temperature and humidity) conditions should be mentioned.

Response: Above information about animal maintenance (temperature and humidity) conditions has been added in the revised manuscript.

3. Syntax in some places (degree celcius) should be correctly written.

Response: It has been corrected in the revised manuscript.

Referee #2:

In this manuscript, Yang et al. investigated the antithrombotic activity of #-linolenic acid. Overall activity experiments are well designed and performed. However, some revisions are necessary to improve the results. Comments concerning the paper are as followed.

Minor comments:
1. Material methods are very short; these methods are difficult to understand. Please supplement the experimental details, such as, an exact product source of ‘related kit’ and experimental detail in the description of ‘Hemorrhage and coagulation time’, and the experimental detail for understanding of ‘Thrombus formation analysis’.

**Response:** We have added the additional information according to your above suggestions in the revised manuscript.

2. In Figure legends, please describe the legend of Figure 4.

**Response:** The sequence of figure legends have been changed in the revised manuscript.

3. In Figure 3a-e, please mark significance of all kind of group including aspirin group.

**Response:** We have marked the significance according to your suggestion in the revised manuscript.