Author’s response to reviews

Title: Caffeoylquinic acid derivatives Rich Extract from Gnaphalium pensylvanicum willd. Ameliorates Hyperuricemia and Acute Gouty Arthritis in Animal Model

Authors:

Yan Jiang (jiangyan1983@163.com)
Yan Lin (zanghongjian_zj@126.com)
Yi-Juan Hu (huyijuan604@163.com)
Xiao-Jun Song (sxjqy@163.com)
Hong-Hua Pan (panhonghua96@sina.com)
Hong-Jian Zhang (jian871211@sina.com)

Version: 3 Date: 09 May 2017

Author’s response to reviews:

Dear Ph.D. Suengmok Cho,

Thank you for your kind letter regarding our manuscript entitled “Caffeoylquinic acid derivatives Rich Extract from Gnaphalium pensylvanicum willd. Ameliorates Hyperuricemia and Acute Gouty Arthritis in Animal Model” (Ref: BCAM-D-17-00368R2). The authors have carefully revised the manuscript based on the editor and reviewers’ comments and “revision request”. Our response to every point raised by the editors and reviewers’ comments and “revision request” are listed in the following pages. And we submit the revised manuscript with changes marked as Supplementary Material.

We hope that the revision is acceptable, and we look forward to your favorable decision.

Best wishes,

Yours sincerely,

Hong-Jian Zhang

Key Laboratory of Research and Development of Chinese Medicine of Zhejiang Province
Responses to Comments

First, we would like to thank the reviewers and the editor for the positive and constructive comments and suggestions.

Some major changes made in this revision and our responses to each point raised by the reviewers and the editor are as follows:

Xiaoming Jin (Reviewer 1)

1. The manuscript needs to be further and heavily revised and improved in writing. There are many errors in sentence structures and grammar, which greatly affect result interpretation and the quality of the paper. For example, every acronym (such as mGLUT9, mOAT1 and mURAT1) should be spelled out at the first time it appears in Abstract and in the text.

A: We appreciate the valuable suggestion and have corrected the errors in the entire manuscript. Meanwhile, we have added the abbreviations in the last of entire manuscript.

2. The second and third paragraphs of the Discussion should be moved to the Introduction, because they justify why these tests on OAT1, GLUT9 etc. and TNF and IL-1b were done.

A: Thank you for the suggestion. We have recomposed the paragraphs to make the paper more readable.

3. In Figure 5, the "Paw Thickness (CM)" was between 2.4-3.0 cm. 3 centimeters is about two-finger width. Should this be mm? Also, were the researchers blinded to group assignment and treatment condition?

A: Thank you for your question. The "Paw Thickness (CM)" was the width of joints and the unit (cm) was correct. The researchers were blinded to the animal groups and drug treatments during the entire process and analysis of the joints.
Patrick Amoateng, PhD (Reviewer 2)

1. Line 16-17: Please change 'antitussive' to 'cough.'

A: Thank you for the valuable suggestion. We have corrected it in the entire manuscript.

2. Lines 28-31, 33-36: Please revise the sentences

A: Following the meaningful suggestions of the reviewer, we have rephrased these sentences and we have corrected other errors in the entire manuscript.

3. Line 59: What is the meaning of "sur"?

A: The sur is the mean of serum uric acid. And the all of the abbreviations are listed in the last of entire manuscript.