Author’s response to reviews

Title: Analysis of Molecular Networks and Targets Mining of Chinese Herbal Medicines on Antiaging

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Author’s response to reviews:

point-by-point response letter

Editorial comments:

- We note that an author has been added to your manuscript during the review process. While we are able to accept changes to the authorship of your manuscript such as this, we do require approval from all authors for this change in order to proceed. We must therefore ask you to please complete the attached 'change of authorship' form, to obtain the signatures of all manuscript authors, and to then return this form to us. We would also ask you to please ensure that details of this additional author are uploaded into our online submission system.

- We still feel that your manuscript requires improvements in the quality of English used. We would therefore again strongly suggest that you ask a native English speaking colleague to assist you in copyediting it. If this is not possible then you may wish to employ the services of a professional copyediting company.
Response:

Dear Editor,

Thank you very much for your comments.

1. We have completed the attached 'change of authorship' form and return this form to you as an attachment in this revised edition. And details of this additional author have been uploaded into online submission system.

2. In this revised edition, we have rechecked and improved expressions of sentences with the help of a native English speaking colleague, and give a clean version of our manuscript.

3. In this revised edition, a declarations section which includes the mandatory sub-sections has been supplemented and improved. We consider that some of the raw data in this study is not publicly accessible because we are doing another study using the same raw data, we hope that these data will not open until we complete another study, so we have wrote “Some of the datasets used during the current study available from the corresponding author on reasonable request.” in the 'Availability of data and materials' section. However, general results data in this study can be available from supplementary files. And we have changed the “Additional file” section.

Best wishes,

Qi-yu Jiang.

Reviewer #2(Junguk Hur, Ph.D.):

1. The readability of the manuscript has substantially improved and the authors addressed many of my previous comments. I still see some grammar errors and awkward expressions, which need to be addressed. Otherwise, I have the following minor discretionary comments.
* The main tables have been updated to indicate the numbers of 'other targets'. However, tables with complete lists would better be given as Supplementary Tables.

* Table 3 would be too big even though complete lists are given in the main table.

* Figure legends are to be given towards the end of the manuscript (usually after References) as a separate section, not within the main text.

* Supplementary Table S1: I don't think it would be that difficult to search the databases again with only 28 herbs to get the appropriate IDs, which will be very helpful to other users.

* Supplementary Tables S2-S3: Consider giving Gene IDs (Entrez IDs or Ensemble IDs), gene symbol, and description all together. Currently, either gene symbol or description are given. This would help others to use your compiled data easily. Matching by gene descriptions, which frequently change over time, is not recommended.

* Supplementary Tables S4-S5: Consider adding the column headers.

Response:

Dear Junguk Hur,

Thank you very much for your comments.

1. In this revised edition, we have rechecked and improved expressions of sentences with the help of a native English speaking colleague, and give a clean version of our manuscript.

2. In this revised edition, Tables with complete lists have been given as Supplementary Tables. (see Table S2 and Table S3) in supplementary files.
3. In this revised edition, Figure legends have been given after References as a separate section.

4. In this revised edition, the cbm ids and pubmed ids of 28 herbs have been added in Table Q1 in supplementary files.

5. Tables S2-S3 in last version giving Gene (protein) symbols and Gene (protein) full names, but not the gene descriptions. We consider keeping this style. Thank you very much for your good advice, and we will add these column fields in the future researches.

6. In this revised edition, Tables S4-S5 have added the column headers.

Best wishes,

Qi-yu Jiang.