Author’s response to reviews

Title: Investigation of the anti-cataractogenic mechanisms of curcumin through in vivo and in vitro studies

Authors:

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Author’s response to reviews:

Dear editor,

Thanks very much for your work on our manuscript entitled “Investigation of the anti-cataractogenesis mechanisms of curcumin: in vivo and in vitro studies” (ID: BOPH-D-17-00163R2). We have revised it according to the reviewers’ comments. We appreciated so much for their comments that are of great importance to improve the quality of our manuscript. Point-by-point response to their comments are attached below and the manuscript was revised accordingly. Now we would like to resubmit this revised manuscript and hope it can be considered for publication in BMC Ophthalmology.

Point-by-point response to editor and reviewers’ comments

Editor Comments:

1. Please confirm whether your study was submitted to and approved by your institutional ethics committee and include a statement to this effect in your Methods and Ethics approval and consent to participate sections. Please also ensure that the full name of your ethics committee is included in this statement. If the need for ethics approval was waived by an IRB or is deemed unnecessary according to national regulations, please clearly state this, including the name of the IRB or a reference to the relevant legislation.

Response: Thanks very much for your kind suggestion. We confirmed that our study was submitted to and approved by our institutional ethics committee and include a statement to this
effect in our methods and ethics approval and consent to participate sections. We also ensure that the full name of our ethics committee is included in this statement (the institutional animal ethics committee of LinYi).

2. We note that you have included a statement in the ‘Consent for publication’ section in the Declarations. Consent for publication refers to consent for the publication of identifying images or other personal or clinical details of participants that compromise anonymity. Seeing as this is not applicable to your manuscript please state “Not Applicable” in this section.

Response: Thanks very much for your kind suggestion. We have revised it as “Not Applicable” according to your kind suggestion.

3. Please have the text edited by a professional language editing service or a native English speaking colleague. There are some minor issues with grammar, wording, spelling, and/or punctuation that need to be addressed before acceptance for publication.

Response: Thanks very much for your kind suggestion. We have submitted this paper to a native English speaking colleague. We really hope the language is qualified for publication.

4. At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Figures (and additional files) should remain uploaded as separate files.

Response: Thanks very much for your kind suggestion. We will upload the manuscript as a clean version.

Reviewer reports:

Moonsun Jung (Reviewer 1): Dear authors

Thank you for your response. This article became more logical and intuitive through revisions.

I have just minor questions.
1. In discussion 4th page
Selenium caused cell apoptosis and when apoptosis occurred, the expression of Bcl-2 was reduced significantly,
Selenium -> Did you mean selenite? I thought it was your mistake.
Response: Thanks very much for your kind suggestion. We have revised “Selenium” to “Selenite” according to your kind suggestion.

2. postoperative complications of cataract in discussion & conclusion
Did you mean posterior capsular opacity? If that, you'd better change the term more specific.

Thanks.
Response: Thanks very much for your kind suggestion. We have revised “postoperative complications of cataract” into “posterior capsular opacity” according to your kind suggestion.

Hyuk Jin Choi, M.D., Ph.D. (Reviewer 2): The authors responded well to questions raised.
Response: Thanks very much for all your kind suggestions on our research. Hope everything goes well for you.