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OPEN PEER REVIEW

Zinc Transporters in the Livers of Healthy Male Wistar Rats: An Investigation of the Effects of Aerobic Exercise and Supplementation with Pumpkin Seed and White Pea

Ali Dashti Khavidaki, Abbass Ghanbari-Niaki, Khadijeh Nasiri, Mohammad Hasan Dashti Khavidaki

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17 Jun 2023	16 Aug 2023	21 Aug 2023	10.5812/zjrms-137982

About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

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1 Original submission

3 comments · 10 Jul 2023 – 11 Jul 2023

Referee 1 Reviewer

MAJOR REVISION 10 Jul 2023

Dear Authors
Your manuscript has been evaluated. It needs fundamental changes and corrections. You can find my comments in the attached file.

Associate Editor

MAJOR REVISION 11 Jul 2023

No comment.

Editor-in-Chief

MAJOR REVISION 11 Jul 2023

Major Revision

2

Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Greetings and regards,

With thanks to the respected Editor and the esteemed reviewers for reading the text of the present article and providing their valuable comments, the corrections are marked in green and the related explanations are given below:

Corrections requested by the respected Editor/first and second reviewers:

- *The topic and abstract should be corrected.*
  The title and all sections of the abstract of the article were corrected and substantially rewritten.

- *Correct the study method.*
  Corrected.

- *At what dose were the research supplements used?*
  The preparation method and the doses used for both supplements were added.

- *The Introduction section should be corrected.*
  The Introduction section was reviewed and corrected.

- *The gene expression section should be shortened.*
  The gene expression section was reviewed and corrected.

- *The training protocol section should be shortened.*
  The training protocol section was reviewed and corrected.

- *Table 2 should also be drawn in the form of a chart.*
  Table 2 was also added in the form of a chart.

- *The results should be corrected.*
  The Results section was reviewed and corrected.

- *The conclusion at the end of the article should be based on the article's own findings.*
  The Conclusion section was reviewed and corrected.

2 Revision 1

1 comment · 15 Aug 2023

Editor-in-Chief

MINOR REVISION 15 Aug 2023

Dear author,
Your manuscript was scrutinized by reviewers. Some modifications have to be made before your manuscript is accepted.
Regards

3

Revision 2

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Greetings and regards,

With thanks to the respected Editor and the esteemed reviewers for reading the text of the present article and providing their valuable comments, the corrections are given below:

Corrections requested by the respected Editor/reviewers:

1. ***What is meant by the Tuckey post hoc test? Was the Tukey test used?***

The spelling of the Tukey post hoc test was corrected.

2. ***To show significance, (P) is used in some cases and (p) in others. Is there a difference between these two?***

The spelling of all instances of p was corrected.

3. ***This manuscript needs to be read carefully once, and its writing and spelling errors corrected.***

The entire text of the article was revised and corrected for spelling and writing errors.

4. ***In the Discussion section, cite a reference for the sentence "The zinc clearance observed during exercise recovery".***

A reference was added.

5. ***In the paragraph "We previously found that PS increased IL-6 levels", psychological stress (PS) is mentioned, whereas nothing like this was observed in the Methods and Results sections.***

The sentence structure was corrected and highlighted in green.

6. ***What is Table 2 meant to show? What does the chart show? Between which groups does the P-value shown indicate a significant or non-significant difference?***

In Table 2, the mean ± standard deviation of the expression of the respective genes under the ANOVA test is given, and the P-values relate to the between-group significance of the ANOVA test.

After significance of the ANOVA test was established, the Tukey post hoc test was performed on the data to determine significance, and this was reported in the form of a chart.

7. ***Introduce the devices used in the Methods section (model, company, country).***

The treadmill model was added and highlighted in green.

3 Revision 2

2 comments · 20 Aug 2023 – 21 Aug 2023

Associate Editor

ACCEPT 20 Aug 2023

Dear Author(s)
It is a pleasure to inform you that your manuscript has been accepted by our reviewers.

Editor-in-Chief

ACCEPT 21 Aug 2023

Dear Author(s)
We would like to inform you that the manuscript has been accepted.

Kind Regards