

ANSWERING REVIEWERS



Dear Editor,

Please find enclosed the edited manuscript in Word format

Title: Effect of hesperidin on galactose-induced oxidative stress in the eye lens of Wistar rats

Author: Ramar Manikandan, Arumugam Munuswamy

Name of Journal: *World Journal of Ophthalmology*

ESPS Manuscript NO: 14239

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated.

2 Revision has been made according to the suggestions of the reviewer.

3 References and typesetting were corrected.

Thank you again for publishing our manuscript in the *World Journal of ophthalmology*.

Sincerely yours

R. Manikandan

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Answering the reviewers

Dear Editor

Please find the attached the corrected manuscript in word format.

Titel: **Anticataractogenic effect of hesperidin in galactose-induced cataractogenesis in Wistar rats**

Authors: **Ramar Manikandan, Arumugam Munuswamy**

Name of Journal: *World Journal of Ophthalmology*

ESPS Manuscript NO: 14239

The manuscript has been modified according to the reviewers' suggestions.

1. The manuscript contains too many references...

Ans: We have edited the references to remove those which we do not deem necessary.

2. The number of animals per group should be given.

Ans: We have already provided this information in the manuscript as six animals in a five groups each.

3. The author(s) should describe in more detail the...

Ans: In the previous peer review evaluation, we were advised to revise the protocol to remove the details. We however can provide the specifically requested data if needed.

4. The number of animals in the group is small and non-parametric tests should be used in comparison...

Ans: We have used the non-parametric testing in our statistical analyses.

5. Two of the animals failed to show cataract formation... Do the biochemical indices support this notion?

Ans: We have not performed the biochemical characterization for the two animals in the galactose induced group (Group II) separately.

6. How does the author explain the hypoglycemic properties of hersperdin...

Ans: It is already known the hyperglycemic effect exerted by galactose administration also elicits an oxidative environment conducive for promoting ROS induced cellular damage and the two mechanisms cannot be seen in isolation, especially in the in vivo setting. Hesperdin has been documented for both its anti-oxidant and hypoglycemic effects and we, through this manuscript, have highlighted the role of hesperdin in amelioration of galactose induced cataract.

7. Figure1: MDA levels in serum and eye lens

Ans: Now included corrected version figure 1A and B.

Thanking you gain for publishing our manuscript in the World Journal of Ophthalmology

Thanking you

Yours sincerely

R. Manikandan