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Mon, Jan 28, 2019 at 9:44 AM

To: Retno Widyowati <rr-retno-w@ff.unair.ac.id>

Turkish Journal of Pharmaceutical Sciences

Ref.: Ms. No. [TJPS-57805], [The Effect of Rusa unicolor Antler Extracts from East Kalimantan in Bone Turnover Cell Models]

Dear Retno Widyowati,

Your manuscript entitled 'The Effect of Rusa unicolor Antler Extracts from East Kalimantan in Bone Turnover Cell Models' has received this reference number: TJPS-57805.

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About your manuscript (Major revision)

1 message

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Sun, Mar 24, 2019 at 10:29 PM

To: Retno Widyowati <rr-retno-w@ff.unair.ac.id>

Kime: Retno Widyowati (rr-retno-w@ff.unair.ac.id)

Bilgi: tjps@journalagent.com

Konu: About your manuscript (Major revision)

Ref: TJPS-57805

Baslik: The Effect of Rusa unicolor Antler Extracts from East Kalimantan in Bone Turnover Cell Models

Dear Dr. Retno Widyowati

The editorial board and reviewers have now evaluated your paper. The manuscript will be acceptable after major revision.

The reviewer comments located at the online submission system Turkish Journal of Pharmaceutical Sciences should be taken into account when revising the manuscript. Along with your revised manuscript, you will need to supply a covering letter (Revision Note) in which you list all the changes you have made to the manuscript, and in which you detail your responses to all the comments passed by the reviewer(s) and Editor. Should you disagree with any comment(s), please explain why.

To submit a revision, go to [<http://journalagent.com/tjps/>] and log in at the "Manuscript submission" button. You will find your submission record there. By selecting your manuscript you can delete obsolete items and add revised items. Figures and tables may be left undisturbed, but please check the order and numbering.

IMPORTANT NOTE: You should send your revised manuscript within 60 days. If the revised article is submitted after 60 days, your manuscript will be evaluated as a new submission with new reviewers.

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We look forward to receiving your revised manuscript. Please do not forget to include the Revision Note.

Yours sincerely,

Editorial Board

[\[http://turkjps.org/home/\]](http://turkjps.org/home/)

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The Effect of Rusa unicolor Antler Extracts from East Kalimantan in Bone Turnover Cell Models

[Retno Widyowati](#)¹, [Suciati Suciati](#)¹, [Dewi Hariyadi](#)², [Hsin-I Chang](#)³, [IPG Ngurah Suryawan](#)⁴, [Agung Widi Utama](#)⁴

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INTRODUCTION: Osteoporosis is a disease described by a skeletal degradation of bone tissue domination to increase risk of fracture. Traditionally, Rusa unicolor antler from East Kalimantan is used to treat many kinds of diseases, and one of them is disease related to bone turnover. The present research aims to analyze the effects of 70% ethanol and aqueous extracts of Rusa unicolor antler from East Kalimantan on nitric oxide inhibition, osteoblast differentiation, and mineralization related to bone turnover.


METHODS: The nitric oxide inhibition of the extracts in LPS-stimulated RAW 264.7 cells were evaluated by Griess reagent while osteoblast differentiations of extracts were evaluated by measuring alkaline phosphatase in p-nitrophenyl phosphate and their mineralization was determined using Alizarin Red Staining method.

RESULTS: The 70% ethanol and aqueous extracts inhibited cells inflammation (40% and 80%) and stimulated osteoblast differentiation (65% and 52%), respectively. In mineralization test, the aqueous extract showed two times higher effect than that of 70% ethanol extract.

DISCUSSION AND CONCLUSION: The extracts can be considered to successfully reduce expression of inflammatory markers on osteoblasts and maintain osteoblast functions.

Keywords: Antler, Rusa unicolor, alkaline phosphatase, mineralization, NO inhibition

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Original Files			
	Main Text	Main text - Retno Widyowati It contains the main text, references and figures	18.01.2019 04:58:37 1.608 KB
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 Ethics Committee Approval	Ethics committee approvals the author didnt use animal experimental	28.01.2019 02:32:47 31 KB
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Details

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Message to Editor (Confident to editor)

This article explored bone turnover activity of Rusa unicolor deer, this deer originates from eastern Kalimantan and has never been published.

Thank you very much for reviewed our article and we already revised belong to reviewers comments.

First reviewer:

The paper reported that the effect of Rusa unicolor Antler extracts in bone cell models. Generally, the paper idea is good and suits in the journal. I suggested some corrections before publications.

1. Results section in the abstract should be improved.

Done

2. The authors should be given the prevalence of osteoporosis in the World at introduction section.

Done

3. Page 5, line 143, please check. It should be microgram (100 µg/mL)

Thank you for your correction.

4. Page 5, line 149 " calibration curves (which concentration???)

Thank you for your correction, the sensitivity and range value are 2.5 and 20-100 µM

5. Page 6, line 179, please check.

Done, thank you

6. Page 6, line 184," several countries(Reference???)

Done, I already added references from china, taiwan and korea. Thank you

7. The authors should be deleted "from East Kalimantan" in text. This could be just in title, abstract and material section.

Thank you for your suggestion.

8. Page 8, line 241, "They results....." Please explain how sugar lowering inflammatory responses?

Choi HS et al²⁵ concluded that the sugar content in methanol fraction was significantly 3 times higher than hexane fraction which

contributed to increase in DMSO solubility. Methanol fraction significantly reduced NO production in RAW 264.7 cells as a mediator of

the inflammatory response, but hexane fraction with higher hydrophobicity did not inhibit NO production. These data indicated that

molecules containing hydrophilic portion of deer bone oil inhibit the inflammatory response and correlate with higher sugar levels in

methanol playing an important role in suppressing the inflammatory response by controlling pro-inflammatory cytokines and mediators.

9. Figure 6 should be improved.

Thank you for your suggestion.

Second reviewer:

The manuscript aimed to evaluate the effects of ethanol and aqueous Antler extracts on bone mineralization and no production. There are some minor and major issues to be revised in the article:

- The authors research the effect of Antler extract on both osteoblast differentiation and inflammation in different cell lines. The relation of these parameters must be discussed in detail.

Thank you for your suggestion and the author added explanation the relationship between the two cell lines in this study

- On the other hand, in method section only 7F2 cell line has been mentioned, but there is no info about Raw 264.7 cell line. The authors must explain the reason why they chose this cell lines supplemented with literature.

Done

- In results section, in Figure 1 and figure 3 the statistical significant is not shown.

Done

- The discussion of the results seems weak and must be strengthened.

Thank you very much for your suggestion, I already added several paragraphs to make strength discuss.

- In conclusion, the sentences are not clear. The conclusion of the research should be well defined.

Done and thank you very much, you are right.

- The article should be edited for language. There are lots of mistakes and some sentences are not understandable. I already revise it and thank you. Hoping your kindness.

The blue color paragraphs are new paragraph that the author added for making more completed statements.

Thank you very much and looking forward for good decision.

Best Regards,

Retno Widyowati, Ph.D

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1 message

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Thu, May 16, 2019 at 8:11 AM

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Ref.: Ms. No. [TJPS-57805], [The Effect of Rusa unicolor Antler Extracts from East Kalimantan in Bone Turnover Cell Models]

Dear Retno Widyowati,

Your manuscript entitled 'The Effect of Rusa unicolor Antler Extracts from East Kalimantan in Bone Turnover Cell Models' has been received after revision.

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About your manuscript - TJPS-57805

2 messages

Editorial Office TJPS <noreply@journalagent.com>

Thu, May 30, 2019 at 1:42 PM

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Bilgi: tjps@journalagent.com

Konu: About your manuscript - TJPS-57805

Ref.: Retno Widyowati, TJPS-57805,

Title: The Effect of Rusa unicolor Antler Extracts from East Kalimantan in Bone Turnover Cell Models

Authors: [Retno Widyowati](#), Suciati Suciati, Dewi Hariyadi, Hsin-I Chang, IPG Ngurah Suryawan, Agung Widi Utama

Dear Dr. Retno Widyowati,

I am pleased to inform you that your above mentioned manuscript submitted to the "Turkish Journal of Pharmaceutical Sciences" has now been accepted for publication.

Your manuscript will be sent to the publication section of the Journal.

Best Regards,

Editorial Board

Turkish Journal of Pharmaceutical Sciences

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Thu, May 30, 2019 at 7:48 PM

To: Editorial Office TJPS <noreply@journalagent.com>

Dear Editorial Board,

Thank you very much for accepting our manuscript. It is honor for us to contribute in this journal.
Thank you very much.

Best regards,

Retno Widyowati, phd



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About your manuscript

4 messages

Editorial Office TJPS <noreply@journalagent.com>

Fri, Jun 19, 2020 at 4:40 PM

To: Retno Widyowati <rr-retno-w@ff.unair.ac.id>

Kime: Retno Widyowati (rr-retno-w@ff.unair.ac.id)

Bilgi: tjps@journalagent.com

Konu: About your manuscript

Dear Retno Widyowati,

Your manuscript entitled The Effect of Rusa unicolor Antler Extracts from East Kalimantan in Bone Turnover Cell Models, TJPS-57805 is going on the production process. However, the similarity index is 43%. We need you to lower the similarity index down to 15% at most.

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Sincerely,
Editor

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Fri, Jun 19, 2020 at 6:08 PM

To: Editorial Office TJPS <noreply@journalagent.com>

Dear Editorial,

Thank you very much I will do as soon as possible

Best regards,

Retno Widyowati, PhD

[Quoted text hidden]

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Tue, Jun 23, 2020 at 4:09 PM

To: Editorial Office TJPS <noreply@journalagent.com>

Dear Editorial TJPS,

Thank you for the chance to contribute in your journal. Herewith I sent the revision of our manuscript and I tried to make the similarity of manuscript lower than 15%.
Thank you very much and I hope to make other collaborations in the future.


Best regards,

Retno Widyowati, PhD

On Fri, Jun 19, 2020 at 4:40 PM Editorial Office TJPS <noreply@journalagent.com> wrote:

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2 attachments

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2849K

rr retno widyowati <rr-retno-w@ff.unair.ac.id>
To: Editorial Office TJPS <noreply@journalagent.com>, tjps@journalagent.com

Mon, Jun 29, 2020 at 10:05 PM


Dear Editorial,

Herewith I send the revision manuscript again. Before I already sent it on June 23, 2020.
And someone contacted me by email ... He said if he is from galenos yayinevi with phone number +905301773097
Is he your colleague? He asked me to send this manuscript in pinar@galenos.com.tr.

Best regards,

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2 attachments

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