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OPEN PEER REVIEW

Effects of *Pomegranate*, *Myrtle*, *Quercus* Fruit, and *Rhus coriaria L* Extracts on Bleeding Control in Rat

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1 Original submission

2 comments · 29 Oct 2022 – 11 Nov 2022

Reza Azadnasab Reviewer

MAJOR REVISION 29 Oct 2022

Dear Prof.Ramezani
Editor-in-chief Jundishapur Journal of Natural Pharmaceutical Products

The title of this article is well chosen, and in comparison with other studies about this plant, this article offers a particular innovation.

Abstract
Scientific names must be written in italics; unfortunately, this needs to be corrected: "pomegranate (Punica granatum) peel and flower, myrtle (Myrtus communis), acorn fruit (Quercus brantii), and sumac (Rhus coriaria L)".

It is suggested that the word "Rats" be added to the keywords section.

Please state the age of the rats in the manuscript. How many weeks old were they?

Please state in the manuscript the temperature of the place where the rats are kept.

Background
It is suggested that the background section be shortened and unnecessary parts removed if possible.

Methods
It is suggested that the statistical analysis methods be reported in a separate section before the results.
Bleeding time (BT) was observed throughout the text. Its full name should be used once in the Abstract and once in the text, and its abbreviation should be used elsewhere.
What drug and dosage were used for anesthesia?
Abbreviations must be defined before they are used. Please provide the full forms of the abbreviations in the text (PT, APTT, INR, and TT; some of them were defined in Table 1, but this was not enough). Statistical methods were repeated twice (Page 8 and Page 12 Group (D) Control group 2). It is still suggested that they be presented only once, in a separate section before the results.

Discussion
Thrombin time (TT) and partial thromboplastin time (PTT) are defined in the discussion section, while their abbreviations were used before this section.

The authors mentioned a sentence on page 15 of Rossi et al., which lacks a reference.

Please separate the conclusion section from the discussion section.

Use the word “groups” instead of “group” in table 1.

This manuscript still needs major improvement in English syntax and word usage. The authors need to seek the help of someone or a service with expertise in writing scientific articles in English to make the improvements necessary to meet the standards of the Journal.
In my opinion, this manuscript needs major revision.

Editor-in-Chief MAJOR REVISION 11 Nov 2022

Dear Authors,
I have received the review results of your manuscript. The reviewers believe it needs major revision before a final decision can be made. I invite you to revise your manuscript according to the provided comments and upload a revised version along with a point-by-point response or any rebuttal.

With kind regards,
JJNPP EIC

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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.

Response Letter

Dear Editor

Thank you very much for considering our manuscript (Submission ID: 132497) for publication in Scientific Reports. Also, we would like to thank the reviewers for their time and for their valuable comments. Here we have responded to the reviewers' comments point-by-point.
We hope that these improvements will now lead to a full evaluation of our manuscript by your reviewers. If feedback indicates that any elaboration is needed, we will be happy to provide it.

Best regards,
On behalf of the authors,
Ayat Kaeidi, physiologist
The corresponding author

Reviewer 1

Scientific names must be written in italics, which unfortunately needs to be corrected "pomegranate (Punica granatum) peel and flower, myrtle (Myrtus communis), acorn fruit (Quercus brantii), and sumac (Rhus coriaria L)"
Thank you for the reviewer's attention to this important point. We made the requested changes and the Scientific names was changed. The changed parts are yellow highlighted.
It is suggested to add the word "Rats" to the keywords section
It added to the keywords section.
Please state the age of the rats in the manuscript. How many weeks were they?
The age of the rats added in the manuscript. The changed parts are yellow highlighted.
Please state the temperature of the place where the rats are kept in the manuscript?
The state the temperature of the place was added to the manuscript.
Background: It is suggested to reduce the background part and remove unnecessary parts if possible.
The Background section was corrected.
Methods: It is suggested to report the statistical analysis method section separately before the results.
The methods section was corrected.
Bleeding time (BT) was observed throughout the text. It should be mentioned that you should use its full name once in the Abstract and once in the text, and use its abbreviation in other sections.
The methods section was corrected.

What drug and dosage were used for anesthesia?

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Drug and dosage were used for anesthesia added to the methods.

Before using abbreviations, they must be defined. Please report the full name of the words in the text (PT, APTT, INR, and TT you mentioned some of them in Table 1 but it wasn't enough) Statistical methods were repeated twice (Page 8 and Page 12 Group (D) Control group 2). It is still suggested to bring only once separately and before the results
The abbreviations and table and statistical methods were corrected.

Discussion: Thrombin time (TT) and partial thromboplastin time (PTT) are defined in the discussion section, while their abbreviations were used before this section.
It was corrected.

The authors mentioned a sentence on page 15 of Rossi et al., which lacks a reference.
It was corrected.

Please separate the conclusion part from the discussion part.
Conclusion part was separated.

Use the word “groups” instead of “group” in table 1.
It was corrected.

This manuscript still needs major improvement in English syntax and word usage. The authors need to seek the help of someone or a service with expertise in writing scientific articles in English to make the improvement necessary to meet the standards of the Journal.
The article was edited by a native.

Reviewer 2

Abstract: Key words: check them in Mesh (Pub Med)
We thank the reviewer for pointing out these. The Key words was corrected.

Introduction: Please write the introduction more briefly.
The introduction was changed. The changed parts are yellow highlighted.

The practical purpose of the study should be stated for example (The purpose of this study was …)
Yes, thank you. We added practical purpose to the Background.

Discussion: Your aim in this part is repeated. Please check this.
The Discussion was changed.
Please separate the conclusion of the article.
The conclusion was separated.

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References: Using more updated references.
The some of the References was updated.

We thank the reviewers for their curiosity, honesty and accuracy, and for such encouraging comments.

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2 Revision 1

1 comment · 4 Mar 2023

Referee 1 Reviewer

ACCEPT 4 Mar 2023

It seems that the corrections requested by the reviewers have been made by the author(s).