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OPEN PEER REVIEW

The Effect of *Xanthium strumarium* Root Extracts on Growth Inhibition of Epithelial Ovarian Cancer SK-OV-3 Cell Line: A Metabolomics-Based Study

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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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Contents

1 Original submission Editor-in-Chief 2
2 Revision 1 3
Authors' reply to reviewers 4
Reviewer and editor comments 6

1 Original submission

1 comment · 20 Feb 2023

Editor-in-Chief

MINOR REVISION 20 Feb 2023

Dear Authors,
Our expert has reviewed your manuscript and believes it is suitable for publication in JJNPP after minor revision. Please revise your manuscript according to the provided comments, and upload a point-by-point answer or any rebuttal with the revised manuscript. Do not forget to highlight changes.

All the best,
JJNPP EIC

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.

Answers to the respected Reviewers and Editors

Reviewer 1:
The current article titled “The effect of Xanthium Strumarium Root extracts on growth inhibition of epithelial ovarian cancer SK-OV-3 cell line: A Metabolomics- Based Study”, deals with an important subject. Little revision is only needed for the language of this article and in ***Table 1, the authors should add reference standard to illustrate the potency of the xanthium strumarium root extracts.***

- ✓ ***Reference standard was added to table 1 accordingly***

Reviewer 2:
Following the review of the manuscript entitled "The effect of Xanthium Strumarium Root extracts on growth inhibition of epithelial ovarian cancer SK-OV-3 cell line: A metabolomics-based study."
Firstly, I would like to congratulate the manuscript's authors on their well-constructed and detailed research.
Everything has been described in detail; the following points are only to improve the quality of the manuscript:
Lines 92 and 96 appear to have the powers of the numbers incorrectly positioned.

- ✓ ***Lines 92 and 96 Text were corrected in manuscripts***

In the results section, please provide details regarding how the IC 50 was determined for the extract.

- ✓ ***Details of IC50 determination was mentioned in material and method section***

Ensure that NMR spectra and images at the end of the manuscript are of a high quality.

- ✓ **All figures were replaced with better quality figures**

> Associate Editor's Comments:

Associate Editor 1:
-The linguistic and grammar of the Ms needs more work.

- ✓ ***File was checked with Grammarly software***

Please pay more attention in subscripts in IC50 or superscript in 1HNMR.

- ✓ ***All IC50 and 1HNMR were corrected***

- In table 1, just cell viability was reported. The exact IC50 should also be reported in this Table.

- ✓ ***IC50 was added in table***

2 Revision 1

0 comments

No public comments in this round.