OPEN PEER REVIEW

Open Peer Review (OPR)

As a new feature for progressing towards transparency, we decided to open a new window for all of our editors as well as authors titled "**Open Peer Review**". We hope by this new facility, our reviewers will be more motivated and authors will be more satisfied with the review process. We believe that publishing our peer review reports could make a transparent and clear environment for all our efforts within a journal, but not all reviewers tend to publish their comments.

What is "Open Peer Review" process?

An "Open Peer Review" process is making the details of all review process (including reviewers, associate editors, and EICs comments) as "Public" as it is agreed by EIC, Authors, and reviewers.

Advantages of "Open Peer Review" process

- More transparency, constructiveness and tactful comments of the peer review process: leads to an increase in the quality of reviews
- More motivations for all involved roles in the review process
- Authors' satisfactions from the review process: Increases honesty between authors and reviewers
- Education of both authors and new students
- Prevents reviewers from following their individual agendas and leading to the detection of reviewers' conflicts of interests

You can find out more at:
https://sites.kowsarpub.com/kowsar/knowledgebase/category/tree.html#opr.html

Archives of Clinical Infectious Diseases
Article DOI: 10.5812/archcid.97734
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Peer Review Report for "Increased Expression of *Caspase* Genes in Colorectal Cancer Cell Line by Nisin"

Author(s): Sareh Sadat Hosseini, Bahareh Hajikhani, Ebrahim Faghihloo, Hossein Goudarzi

Review Timeline:

Submit Date: 2 Sep 2019
Revised Date: 18 Jan 2020
Accepted Date: 1 Feb 2020

Revision (0)

Here, you can see the **Reviewers**, **Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

REFEREE: Reviewer | **Revision** (0) — 22 Dec 2019

Dear AE,
Thank you so much for considering me as a reviewer in your journal. This manuscript is about “Increased expression of caspase genes in colorectal cancer cell line”. This manuscript needs to minor revision.
Comments
The English of the manuscript needs to improve.
Results
1- Authors should be written the level of the gene expression of target genes before and after treatment by nisin. How many times or how many folds genes show increasing or decreasing of expression in the target gene after treatment by nisin?
Sincerely,

REFEREE: Reviewer | **Revision** (0) — 5 Jan 2020

Dear AE,

The submitted manuscript presented data related to apoptotic effect of Nicin at different concentration in treated colorectal cancer cell line. Nicin is an antimicrobial components producing by Lactococcus lactis. This product is used as food preservative, and study on its safety is valuable.

- The study is designed, performed and written in good manner. However, link of the study with scope of the journal (Clinical infectious diseases) is weak. If the scope is not an issue, please request the authors to present fold changes in mRNA expression levels of targeted genes after two-time point treatments in a Table in reference to untreated cells. To decrease numbers of figures, some of them could be presented in 2 or 4 panels schema. Name of genes also should be written in correct format throughout the manuscript.

Sincerely yours,

Bita Pourkaveh: Associate Editor | **Revision** (0) 12 Jan 2020

Dear EIC,

The manuscript is studied, and there are some comments which should be addressed by the author. According to the comments, the document needs major revision.

Kind regards,

Masoud Mardani: EIC | **Revision** (0) 12 Jan 2020

Dear Author,

The reviewers' comments are mentioned. Please correct the details as mentioned above carefully according to reviewers' request.

Thanks.

OPEN PEER REVIEW

Revision (1)

Reply to Reviewers

Ideally, the reviewing process can significantly improve the submitted manuscripts by allowing the authors to take into account the advice of reviewers. Author(s) must reply to all reviewers' comments in a separate Word file, point by point. A "**Reply to Reviewers**" document is submitted along with revised manuscript during submission of revised files, summarizing the changes that the authors made in response to the reviewers' comments. The responses to reviewers' comments specifies how the authors addressed each comment the reviewers made.

You can read the authors' responses to the reviewers' comments in the next page.

Dear Reviewer 1 :

Q1: Authors should be written the level of the gene expression of target genes before and after treatment by nisin. How many times or how many folds gene show increasing or decreasing of expression in target gene after treatment by nisin?

R1: Thank you very much for your comment. Table 1 was added according to the nice comment. fold changes in mRNA expression levels of targeted genes treatment by nisin compared to untreated cell were shown in table 1.

Sincerely

Dear Reviewer 2:

Q1: please request the authors to present fold changes in mRNA expression levels of targeted genes after two time point treatments in a Table in reference to untreated cells. To decrease numbers of figures, some of them could be presented in 2 or 4 panels schema. Name of genes also should be written in correct format throughout the manuscript.

R1 : Thank you very much for your comment. Table 1 was added according to the nice comment. fold changes in mRNA expression levels of targeted genes treatment by nisin compared to untreated cell were shown in table 1.figures are edited according to the nice comment. The names of the genes were corrected throughout the manuscript.

Sincerely

OPEN PEER REVIEW

Revision (1)

Here, you can see the **Reviewers**, **Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

REFEREE: EIC | **Revision (1)** 1 Feb 2020

Dear Author,
The document is reviewed carefully by the reviewers. According to their comments and your revisions as requested, this manuscript is accepted.
Thanks.