

26th August 2019

Dear Editor,

Sincerest thanks for the reviewer's comment on our manuscript, entitled "**3D Cell Culture Systems as an In Vitro Platform for Cancer and Stem Cell Modeling**". We have carefully modified the paper in response to all reviewer comments. Please find our responses to the comments below.

SPECIFIC COMMENTS TO AUTHORS

1. Nipha Chaicharoenaudomrung and the other authors made a review on three-dimensional (3D) culture systems and its possible applications. The review is comprehensive and has good illustrations. My suggestions are that the authors should ask an expert in English editing. Besides grammatical problems, make it concise.

Answer: The article were already grammatically edited by a native English editor. The certificate of editing was attached.

2. The manuscript is well written and contains a lot of valuable information regarding 3D cultures. I consider it for being published in this journal upon authors deal with the following small changes. 1. In my opinion the initial part is redundant, and I am afraid that not many interesting information is provided. After line 152, the authors focus on the real topic of the manuscript; therefore, the manuscript gains on interest; so, Could authors summarize the information contained in the manuscript until that point?). The fact that they perform a comparison between 2D and 3D culture types is in my opinion the most interesting point in their manuscript. In addition, they present a lot of examples where 3D culture has been actually applied, which may help other scientists to take the decision to move into this new methodology. 2. Author should carefully revised the manuscript looking for typo mistake. For instance, cite number [1] in the text should be superscript. Many times authors introduce a space before the full stop, instead of after full

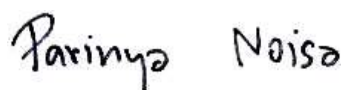
stop.

Answer: 1) Authors already summarized the information of the “**Cell cultures as a research model**” section, as presented in line 93-113.

2) Authors corrected the cite number and full stop mistakes as suggested.

As a current form of the manuscript, we feel confident that we have been able to address all the reviewers' comments and concerns in a satisfactory manner. We hope that the editors will find the amended version of the manuscript to be of sufficient merit to be considered for publication in ***World Journal of Stem Cells***. We are looking forward to hearing from you.

Sincerely Yours,



Parinya Noisa, Ph.D,

Assistant Professor, Corresponding author

School of Biotechnology, Institute of Agricultural Technology,

Suranaree University of Technology, Nakhon Ratchasima, Thailand, 30000

Email: p.noisa@sut.ac.th

Tel: +66-6162-66390

9th October 2019

Dear Editor,

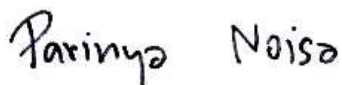
Sincerest thanks for the reviewer's comment on our manuscript, entitled "**3D Cell Culture Systems as an In Vitro Platform for Cancer and Stem Cell Modeling**". We have carefully modified the paper in response to all reviewer comments. Please find our responses to the comments below.

Response to Editor' Comments

1. Authors already edited the manuscript throughout according the CrossCheck report, especially Page 6, and 15-18. All changes were marked as red color.
2. Authors depicted all images ourselves by the ADOBE ILLUSTRATOR software. Authors submitted all images in an editable and movable format in an ai format.
3. Authors extended the legend of Figure 3 as:
"Figure 3 Potential applications of three-dimensional cell culture systems. The invention of 3D cell culture systems could be applied into various aspects, for instance anticancer drug screening, tissue engineering, cancer biology, and clinical uses."

As a current form of the manuscript, we feel confident that we have been able to address all the reviewers' comments and concerns in a satisfactory manner. We hope that the editors will find the amended version of the manuscript to be of sufficient merit to be considered for publication in **World Journal of Stem Cells**. We are looking forward to hearing from you.

Sincerely Yours,



Parinya Noisa, Ph.D,

Assistant Professor, Corresponding author

School of Biotechnology, Institute of Agricultural Technology,

Suranaree University of Technology, Nakhon Ratchasima, Thailand, 30000

Email: p.noisa@sut.ac.th

Tel: +66-6162-66390