

October 1, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (Wongtrakoongate Manuscript 12861-review.doc).

**Title:** Epigenetic therapy of cancer stem and progenitor cells by targeting DNA methylation machineries

**Author:** Patompon Wongtrakoongate

**Name of Journal:** *World Journal of Stem Cells*

**ESPS Manuscript NO:** 12861

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated.

2 Revision has been made according to the suggestions of the reviewers

(1) Reviewer 02528139: They should use table to summarize the section of Inhibition of epigenetic pathways in cancer stem and progenitor cells.

I am thankful for the point suggested by the reviewer to include a table describing other epigenetic pathways and their inhibitors. However, since the manuscript focuses on the use of Aza and Aza-dC to target DNA methylation as the means for anti-cancer therapy, I kindly hope that the reviewer would understand and accept not to include other epigenetic pathways in the current manuscript. Otherwise, the manuscript would be out of the focus.

(2) Reviewer 02528139: The Figure legends is necessary to explain their figures.

I am grateful for the caution raised by the reviewer. I have now included the figure legends at the end of the manuscript as highlighted.

(3) Reviewer 00225340: I would like to stress not only the positive activities of such an approach, but it could be useful also discuss about the potential toxicity of the epigenetic treatments. An aspect too much neglected.

I am very appreciated the suggestion given by the reviewer. I have now included several sentences regarding the toxicity aspect of the DNA methylation inhibitors which can be found on page 17.

(4) Reviewer 00225340: Minor problems: Some errors are present in the text (see line 2 pag 7, where the word "organization" is written twice).

I am thankful for the correction by the reviewer. The sentence has been corrected as the reviewer suggested.

3 References and typesetting were corrected

Thank you again for publishing my manuscript in the *World Journal of Stem Cells*.

Sincerely yours,



Patompon WONGTRAKOONGATE, PhD

Department of Biochemistry  
Faculty of Science, Mahidol University  
272 Rama VI Road, Ratchathewi District  
Bangkok, Thailand, 10400

Email: [p.wongtrakoongate@gmail.com](mailto:p.wongtrakoongate@gmail.com)

Lab: +662-201-5594, +662-201-5372

Mobile: +669-8825-0113

Fax: +662-248-0375