

## Format for ANSWERING REVIEWERS

September 12, 2014

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 12879-revised.doc).

**Title:** Neural stem cells as a therapeutic material for age-related neurodegenerative diseases

**Author:** Sarawut Suksuphew, Parinya Noisa

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

**ESPS Manuscript NO:** 12879

### **Reviewer 1 Comments for the Authors.**

The manuscript structure is a Review. It addresses neuronal stem cells, their properties and possibilities for therapeutic approach as transplantation in clinical trials of neurodegenerative diseases such as Alzheimer's, Parkinson's, and Huntington's diseases. We thank Reviewer #1 for her/his comments. We now improved the quality of the manuscript by following reviewer's comments as below.

#### **Minor remarks:**

1. Grammar and style should have minor revision.

**Authors:** We have revised grammar and style of the manuscript. We hope that the current version will reach standard of the journal.

#### **Technical errors:**

2. References are not uniformly presented, line 152 – reference number should be at the end of the sentence.

**Authors:** The format of references is now uniformly presented, in which reference number is put at the end of the sentence.

3. Line 193 – capital letter W after Furthermore should be small.

**Authors:** The stated error is now amended.

4. Line 245 – reference/s are missing.

**Authors:** The missing reference is now updated.

5. Line 291 – unknown word.

**Authors:** We have corrected the unknown word.

#### **Major remarks:**

6. The authors should change the title of the manuscript in order to connect neurodegenerative diseases with the neuronal stem cells?

**Authors:** We agree with the point of reviewer; therefore, we change the title of the manuscript to "*Neural stem cells as a therapeutic material for age-related neurodegenerative diseases*". We feel that this new title will appropriately emphasize the connection between neural stem cells and neurodegenerative diseases.

7. In part 2, genetic background for the PD and AD is missing.

**Authors:** More details of genetic background for PD and AD have been included into part 2.

8. In part 2, diagnostic criteria for HD are missing.

**Authors:** Diagnostic criteria for HD are now added into part 2.

9. I expected more current clinical treatment discussion.

**Authors:** More current clinical treatments for Parkinson's, Alzheimer's and Huntington's diseases are now mentioned in part 3.

**Reviewer 2: Comments for the Author.**

This is an interesting well-described review that explores the mechanisms of neurodegenerative diseases and their current clinical treatment.

We thank the reviewer #2 for her/his constructive comments. We have modified the manuscript as suggested, which you can find below.

**Minor revisions:**

1. Figures and tables are missing. Concerning neurodegenerative diseases, add a figure to explain main mechanisms and future potential treatments.

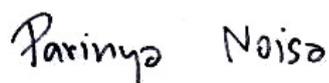
**Authors:** Figure 1 is added into the manuscript. Figure 1 shows Neural stem cells as a therapeutic material for neurodegenerative diseases.

2. Add a table which summarizes characteristic and actual treatment of each neurodegenerative disease. Principal clinical trials must be mentioned in a table according to clinicaltrials.gov website.

**Authors:** Table 1 is added into the manuscript. Table 1 highlights the currently available treatments for Parkinson's, Alzheimer's and Huntington's diseases.

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

Sincerely yours,



Parinya Noisa, PhD,  
Corresponding author

School of Biotechnology, Institute of Agricultural Technology,  
Suranaree University of Technology,  
Nakhon Ratchasima, 3000, Thailand

Email: p.noisa@sut.ac.th

Tel: +669-2664-1118, Fax: +66-4422-4154