

March 1, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 8609-Review.docx).

Title: Neural mechanisms of mindfulness and meditation: Evidence from neuroimaging studies

Author: William R. Marchand, MD

Name of Journal: *World Journal of Radiology*

ESPS Manuscript NO: 8609-Review

The excellent suggests for improvement of the manuscript are greatly appreciated. The manuscript has been improved according to the suggestions of reviewers and editors. Changes have been highlighted in the revised manuscript. A point-by-point response to all the suggestions is provided in bold italicized text below.

Response to the editor:

*** *Country codes have been added to the author's phone/fax numbers.***

*** *A "core tip" section has been added.***

*** *Table 1 has been reformatted as a three-column table as requested.***

Response to the reviewers:

Reviewer 02604367:

This is a description of neural mechanisms of mindfulness and mediation with convincing neuroimaging evidences. The introduction of hypothetic roles of neural mechanisms is clear, concise and well written. In minor, the reference format should be carefully checked according to journal style. I recommend that it can be accepted for publication after technical revision.

*** *The references have been revised as suggested.***

Reviewer 02665787:

The review entitled "Neural mechanisms of mindfulness and meditation: Evidence from neuroimaging studies" by Dr. Marchand covers an interesting and important topic. The coverage on the literature is very good. The manuscript is well organized. One comment is that perhaps the author can think of a graph/figure to better illustrate the problem and the key regions from the fMRI studies and structural imaging studies. For example, the frontal regions and basal ganglia that are mentioned in the conclusion section. This may help non-physicians to have a better grasp on the problem and findings. This is just a suggestion for the author to consider. Some very minor issues: Page 4, line 7 from the bottom, "m" should be capitalized to be consistent; Page 27, the second "fMRI" from the bottom is not aligned with the rest.

**** We agree with the reviewer that a figure or figures could be potentially helpful. However, because it would require multiple illustrations this did not seem feasible. If the editor feels strongly about this, I would be happy to attempt to obtain suitable figures for a subsequent revision.***

**** The suggesting editing changes have been made.***

Reviewer: 02665209:

The manuscript, titled with "Neural mechanisms of mindfulness and meditation: Evidence from neuroimaging studies", has shown an updated progresses of neuroimaging studies on mechanisms for mindfulness and meditation. The paper clearly describes the background and significance of both disorders. The style and overall representation are readily understandable. It is well organized and written in good condition. I recommend that it can be accepted for publication in WJR after minor revision. A few marks are outlined as below: --The formats of the original review article need to be carefully modified. a) the main text should be structured into the following sections: INTRODUCTION, METHODS and etc. the outlines are in capital and without colons. b) The references don't match with the standard format. It is a recurrent error that must be corrected throughout the manuscript, such as pages' numbers. --Standard abbreviations should be defined in the abstract and on first mention in the text. This invited paper is suggested to be accepted after minor revisions.

**** The requested changes have been made.***

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

Sincerely yours,



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