



PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 65062

Title: Neural stem cell therapy for brain disease

Reviewer's code: 05818515

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2021-02-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-01 09:07

Reviewer performed review: 2021-03-12 07:27

Review time: 10 Days and 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

This review discusses Neural stem cell therapy for various brain diseases, which is interesting. However, there are some concerns need to be addressed before publication, as below:

1. Please double check whether the singular and/or plurality is correct in the manuscript. Some should be “were”, but not “was”.
2. The sentence, such as “Previous studies have suggested that repair and regeneration after the central nervous system (CNS) may be very challenging due to the following reasons” is puzzling. Please check and revise carefully.
3. In the part of Introduction, the authors mentioned cellular therapy. It would be better to make it clear what they mean about “cellular therapy”.
4. In the end of Introduction, it would be better to add a summary and illustrate the purpose and significance of the review article.
5. Some words is misspelling, such as “injuty”. The authors are strongly encouraged to check the spelling and grammar throughout the manuscript.
6. It would be gratifying to see the figure to summarize and illustrate NSC therapy for each type of brain disease to make people better understand.



PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 65062

Title: Neural stem cell therapy for brain disease

Reviewer's code: 05728141

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2021-02-27

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-11 09:21

Reviewer performed review: 2021-03-25 09:40

Review time: 14 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

1. This article has variety of big topics including traumatic brain injury, hypoxic-ischemic brain injury, Alzheimer disease and Parkinson disease. And the weight is not distributed very evenly. Most of the author's focus is on traumatic brain injury and hypoxic-ischemic brain injury. You should add more content to the other two topics (Alzheimer disease and Parkinson disease), or reduce the content of the brain injuries. 2. Suggest adding more citations of this journal. 3. Some of the contents listed in the table did not appear in the text of this manuscript. It is recommended that this needs to be explained clearly.



PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 65062

Title: Neural stem cell therapy for brain disease

Reviewer's code: 02446177

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2021-02-27

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-11 16:43

Reviewer performed review: 2021-03-30 09:21

Review time: 18 Days and 16 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

The authors provide a review about neural stem cell therapy in brain disease. Unfortunately, this review does not provide any new insights or a good overview about the current status, problems or future perspectives. While covering e.g. NSC related aspect in Alzheimer, Hypoxic or Parkinson disease the details remain more or less superficial. General and very important aspects which are major problems for translation of NSC therapies to the clinic such as the definition, generation and quality control of NSCs are completely missing. Table I provides an overview of listed NSC based trials. However, the informational value is limited since e.g. details about the cells and the trial aims are missing.