

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 41688

Title: Dental Pulp Stem Cells: Novel Cell-Based and Cell-Free Therapy for Peripheral Nerve Repair

Reviewer's code: 03811054

Reviewer's country: Egypt

Science editor: Ying Dou

Date sent for review: 2018-09-12

Date reviewed: 2018-09-21

Review time: 9 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Minor revisions: 1- There are some spelling/grammar/formatting errors in the current version of the manuscript. Please correct them carefully. 2- Abstract: Please provide a clear hypothesis to be noted in this review in this section of the manuscript. 3- In this



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article: A literature search was performed at September 2018 in the PUBMED database. The following keywords were used; dental pulp stem cells[Title/Abstract] AND nerve repair[Title/Abstract] that retrieved 6 results and searching with the following keywords dental pulp stem cells[Title/Abstract] AND nerve regeneration[Title/Abstract] retrieved 12 results.....(Is this a survey of the articles in which your article's title or an article to review the new in the Dental pulp stem cells and nerve repair? If it is a survey of previous articles, it is best to change the title of your article). 4- What are the disadvantage or side effects of this novel therapy? 5- The similarities (plagiarism) of this article with others reach to 26% and this percentage considered as high and not acceptable.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 41688

Title: Dental Pulp Stem Cells: Novel Cell-Based and Cell-Free Therapy for Peripheral Nerve Repair

Reviewer's code: 03671529

Reviewer's country: Russia

Science editor: Ying Dou

Date sent for review: 2018-09-12

Date reviewed: 2018-09-24

Review time: 12 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The title, abstract and keywords reflect the content of the manuscript. The presented review reflects various aspects of peripheral nerve regeneration. In the literature review, different variants of cell therapy for nerve damage are considered. The positive and



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negative aspects of the application of various cellular products are reflected, as well as the application of cell-free cell therapy based on the injection of stem cell secretion products. It is indicated that dental pulp stem cells are a promising cellular product for stimulating nerve regeneration, since they share a similar origin with Schwann cells and express a number of neural markers. In the literature review, the results of the PubMed database analysis on the use of DPSCs for regeneration stimulation are given.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 41688

Title: Dental Pulp Stem Cells: Novel Cell-Based and Cell-Free Therapy for Peripheral Nerve Repair

Reviewer's code: 02446054

Reviewer's country: United States

Science editor: Ying Dou

Date sent for review: 2018-09-12

Date reviewed: 2018-09-24

Review time: 12 Days

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			Conflicts-of-Interest:
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SPECIFIC COMMENTS TO AUTHORS

See attached review

INITIAL REVIEW OF THE MANUSCRIPT



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