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PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 51136

Title: Mesenchymal stem cells from different sources and their derived exosomes: a clinical perspective

Reviewer's code: 03471268

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's country: Japan

Author's country: Spain

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2019-10-30 09:57

Reviewer performed review: 2019-11-02 09:42

Review time: 2 Days and 23 Hours

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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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

In this review article, the authors reported that exosomes derived from Mesenchymal stem cells (MSC) could be a novel therapeutic tool in the field of regenerative medicine. This is an emerging field that cellular therapy without cell. In the meantime, this could be interesting to generate exosomes for clinical applications. However, the authors only cited two clinical trials and one of patients died after 7 months. Nevertheless the process of treating patients with exosomes is not described in detail. The mechanism of exosomes function still remains unclear, so the “clinical perspective” could not be positive and linked to the expected clinical application recently. The title is easily to lead to misunderstanding. Also the authors are suggested to rearrange the story logic and re-summarize to help readers to understand well. The current version is not very easy to follow.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 51136

Title: Mesenchymal stem cells from different sources and their derived exosomes: a clinical perspective

Reviewer's code: 02728252

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's country: Egypt

Author's country: Spain

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2019-12-11 07:25

Reviewer performed review: 2019-12-12 08:40

Review time: 1 Day and 1 Hour

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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS



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Really it is an interesting opinion review about clinical perspective of bone marrow, adipose tissue and umbilical cord mesenchymal stem cells-derived exosomes. Surely, I enjoyed reading this review. The shortcomings are in the following: 1. Please add the number of references in your tables, for example (Damania et al., 2018 [23]) as the style of referencing is numerical not alphabetical. 2. Please use one abbreviation for microRNA (miRNA). 3. Could you please extend your paragraph in the core tip section, it is very short. 4. It is well written with good English editing but minor grammatical errors and typos are found.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No



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PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 51136

Title: Mesenchymal stem cells from different sources and their derived exosomes: a clinical perspective

Reviewer's code: 02446215

Position: Editorial Board

Academic degree: BSc, PhD

Professional title: Chief Technician, Research Fellow

Reviewer's country: Italy

Author's country: Spain

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2019-11-28 11:28

Reviewer performed review: 2019-12-12 08:50

Review time: 13 Days and 21 Hours

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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This opinion review is well written and of interest

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

BPG Search:

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