

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 49334

Title: Cytokine interplay among the diseased retina, inflammatory cells and mesenchymal stem cells – a clue to stem cell-based therapy.

Reviewer's code: 00607640

Reviewer's country: Taiwan

Science editor: Ying Dou

Reviewer accepted review: 2019-06-10 07:53

Reviewer performed review: 2019-06-14 01:33

Review time: 3 Days and 17 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 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

In the manuscript entitled "Cytokine interplay among the diseased retina, inflammatory cells and mesenchymal stem cells – a clue to stem cell-based therapy", the authors reviewed the role of cytokines in stem cell-based therapy for retinal disorders and



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suggest interactions among cytokines and growth factors occurring in the microenvironment of the diseased retina could be critical for the outcome of the stem cell-based therapy for retinal disorders. The title is interesting and suitable for the Journal.

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: 49334

Title: Cytokine interplay among the diseased retina, inflammatory cells and mesenchymal stem cells – a clue to stem cell-based therapy.

Reviewer's code: 03472394

Reviewer's country: Russia

Science editor: Ying Dou

Reviewer accepted review: 2019-07-23 19:24

Reviewer performed review: 2019-07-24 20:15

Review time: 1 Day

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

The problem of the role of MSCs in regeneration of injured retina has high relevance but not well studied. 1 Ethics: This is a review – not an experimental research or clinical trials. 2 Methods: This is a comprehensive review. Authors analyzed the great



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databases of scientific literature by presenting them in a clear form of figures and tables. 3 Results: The obtained results do not cause doubts in their authenticity and quality. But there is no information about interaction between retina cells with neurons of optic nerve and possible role of MSCs in optic nerve injuries. This is a shortcoming for a review on this topic. 4 Figures and tables: Authors provide the good and clear graphs. 5 Biostatistics: Authors don't provide biostatistics data. 6 References: The number of references is 77. 7 Language: The language is OK. 8 Caveats or drawbacks: This study was carried out according to all accepted rules for the review. The conclusions follow directly from the obtained data. Authors prepared their manuscript according to manuscript type and the appropriate category: a Review. The manuscript should be accepted with minor revision. Please, add the information about interaction between retina cells with neurons of optic nerve and possible role of MSCs in optic nerve injuries.

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: 49334

Title: Cytokine interplay among the diseased retina, inflammatory cells and mesenchymal stem cells – a clue to stem cell-based therapy.

Reviewer's code: 03811054

Reviewer's country: Egypt

Science editor: Ying Dou

Reviewer accepted review: 2019-07-23 09:47

Reviewer performed review: 2019-07-26 08:22

Review time: 2 Days and 22 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 checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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		<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

1- There are some linguistic and grammatical errors in the manuscript. 2- Authors must consider the spaces between words. 3- Some paragraphs were written in font 12 and others 11, the authors must unite the font within the text.



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