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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Stem Cells

ESPS manuscript NO: 12833

Title: The importance of the stem cell micro-environment for the cell-based therapy in ocular diseases

Reviewer code: 00505049

Science editor: Yue-Li Tian

Date sent for review: 2014-07-28 08:28

Date reviewed: 2014-08-04 17:51

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This manuscript entitled "The important of the stem cell micro-environment for the cell-based therapy in ocular diseases" was to review the interactions of the stem cell micro-environment with the stem cells, and discuss the importance of the stem cell micro-environment for the cell-bases therapy in ocular diseases, and introduce the progress of the stem cell based therapy for ocular diseases. They concluded that how to reconstruct the stem cell micro-environment and strengthen its combination with the transplanted cells are key to the successful cell therapy. This is an interesting review for the cell therapy and well written. However, we can't find the reference cited in full manuscript, I think this is very important to add them on.



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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Stem Cells

ESPS manuscript NO: 12833

Title: The importance of the stem cell micro-environment for the cell-based therapy in ocular diseases

Reviewer code: 00505139

Science editor: Yue-Li Tian

Date sent for review: 2014-07-28 08:28

Date reviewed: 2014-08-08 03:37

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This is a nice and well presented review about stem cells in ophthalmological field. Minor changes should be addressed for publication: 1. A couple of articles could be discussed and cited: a) Schwartz SD, et al. Embryonic stem cell trials for macular degeneration: a preliminary report. Lancet 2012;379:713-20. b) Ksander BR, et al. ABCB5 is a limbal stem cell gene required for corneal development and repair. Nature 2014;511:353-7. 2. Microscopic photographs/schemes or illustrations may improve the manuscript. 3. Language polishing may improve readability.