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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Stem Cells
ESPS manuscript NO: 12940
Title: Stem cell therapy for retinal diseases
Reviewer code: 02439786
Science editor: Fang-Fang Ji
Date sent for review: 2014-07-29 17:58
Date reviewed: 2014-07-30 10:18

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	BPG Search:	[ ] Minor revision
[ ] Grade E: Poor		[ ] Existing	[ ] Major revision
		[ ] No records	

COMMENTS TO AUTHORS

This is well written manuscript and I recommended for publication. The manuscript have sufficient details about target disease of stem cells in Opnthalmology field and describes well about current situation stem cell therapy in this field . The writing is acceptable.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Stem Cells
ESPS manuscript NO: 12940
Title: Stem cell therapy for retinal diseases
Reviewer code: 00608332
Science editor: Fang-Fang Ji
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	
[ ] Grade D: Fair		BPG Search:	[ ] Rejection
[ ] Grade E: Poor	[ ] Grade D: Rejected	[ ] Existing	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

The authors review the present strategies in retinal therapies based on stem cell strategies. This subject has been reviewed recently by Ng et al World J Stem Cells (2014) 6(2):111-9, although the present review is focused on retinal degeneration, and therefore is timely. The review is clear and well written, although some aspects of the format could be improved. It would be interesting to include tables summarizing the therapeutic strategies discussed and the clinical trials. In key words, the authors should use "Stargardt's disease" instead of only "Stargardt's". When more tan one reference is listed together, the authors should put them under the same brackets i.e. (1,2) intead of (1)(2). Page 5. Hemorraghic. PAge 6. Outer segment. Page 8. Phagocytosis. It would be interesting to include the ligands of MerTK in the retina (Mol Cell Neurosci. 2006 33:96-108; Neuron. 2012 76(6):1123-32). Page 11 induction of photoreceptor damage (or damage of the photoreceptors). Page 12 gestational. Page 13 rhodopsin instead of rhodopsinin. Page 14 promising instead of promissing. Page. 15 enhance not enhace. In the final conclusión of the review, it would be interesting to know the opinión of the authors on the closing of the NIH stem cell programm, as it included clinical trials on retinal pathologies.