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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 20069

Title: Translational research of adult stem cell therapy

Reviewer's code: 01213026

Reviewer's country: Poland

Science editor: Fang-Fang Ji

Date sent for review: 2015-06-01 08:47

Date reviewed: 2015-06-30 17:51

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

COMMENTS TO AUTHORS

Overall, it may be considered as a good manuscript. I would only suggest some amendments. On page 1 when you state (line 3) on neurohormonal activation - please, spell out what do you exactly mean by that? On page 3, line 5 from the bottom. To what benefits are you referring to stating "18% improvement in function at post treatment?" Also, the tables summing up the effects of trials with MSC/s or CDC/s would be desirable.



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 20069

Title: Translational research of adult stem cell therapy

Reviewer’s code: 02446043

Reviewer’s country: Malaysia

Science editor: Fang-Fang Ji

Date sent for review: 2015-06-01 08:47

Date reviewed: 2015-07-20 20:59

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is a fairly comprehensive scientific review of the potential of stem cell therapy in heart failure. The 2 figures presented presently are more interesting for researchers than to practical clinicians. For the article to be interesting and meaningful for the clinician, authors should i) summarize in table form the results of clinical trials of each of the 3 cell types (mesenchymal stem cell, cardiosphere-derived cell and cardiac stem cell) in heart failure. ii) Summarize in table form the practical therapeutic problems faced presently and the possible manner of overcoming them.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

ESPS manuscript NO: 20069

Title: Translational research of adult stem cell therapy

Reviewer's code: 02446027

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2015-06-01 08:47

Date reviewed: 2015-07-26 11:32

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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 type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

The authors review a various therapeutic approaches of adult stem cells in ischemic heart disease. The authors also review preclinical and clinical applications of the three important of adult stem cells in ischemic heart disease. The topic is of considerable interest since the prevalence of congestive heart is increasing and it is a serious disease for which at present no appropriate therapeutic exists. Therefore, review on the treatment options for this disease, and focuses on adult stem cells MSC, CDCs and CSC in preclinical and clinical applications in treatment of this disorder is a beneficial. Overall the review is complete, and contains up-to-date with the latest and most important information about the three types of adult stem cells, MSCs, CDCs and CSCs, which are involved in the early phase of clinical trials for treatment of this disorders. I believe that the manuscript is suitable for publication in the Journal. Although I recommend acceptance of the manuscript in its present form, but the manuscript has some typo error e.g. Reference # 38 has typo: "iwth" and should change to with. Some more of these examples can be found throughout the manuscript. The authors should go over the entire manuscript for this correction.