

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**ESPS manuscript NO:** 12758

**Title:** Stem cells for the treatment of musculoskeletal pain

**Reviewer code:** 02445899

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-07-25 09:10

**Date reviewed:** 2014-08-01 22:42

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 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 checked="" type="checkbox"/> Grade D: Fair		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

The manuscript of the invited review 'Stem cells for the treatment of musculoskeletal pain' would most likely be of interest to clinicians rather than the scientific community as a whole. There are many typographical errors\* and some issues with language, such that at times it is difficult to know what the authors are trying to say. \* examples include DVP instead of DVT (page 3); hipcoagulability instead of hypercoagulability (page 3); tompography instead of tomography (page 5); agregates instead of aggregates (page 7), etc. In addition { is used instead of ( on a few occasions, for example in the first line on page 1. The manuscript requires some tidying up and attention to details and spellings; for example, on page 8 'Converselly' (conversely) and 'Innitially' (Initially), page 9 'tisses' (tissues), 'moslty' (mostly), etc.etc, page 11 'disbilitating' (debilitating or disabling), etc. The following are missing from the manuscript: 1. Authors' names and affiliations 2. Title page 3. Running title 4. Abstract All quoted references are present in the text and reference list; however, the references are not formatted as per the WJSC author instructions and should be reformatted. On the whole the review is fair, but could be shortened without in any way detracting from its content.

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**ESPS manuscript NO:** 12758

**Title:** Stem cells for the treatment of musculoskeletal pain

**Reviewer code:** 01217232

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-07-25 09:10

**Date reviewed:** 2014-07-28 16:21

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 checked="" 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 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	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

In this manuscript, the authors have reviewed the potential application of MSCs in the treatment of musculoskeletal pain. The review paper is generally interesting and the manuscript has been well organized. However, some spelling grammar errors should be corrected and, the title might be re-edited to focus on mesenchymal stromal cells. Further, it might be appropriate to refer mesenchymal stem cells after culture expansion to mesenchymal stroaml cells.

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**ESPS manuscript NO:** 12758

**Title:** Stem cells for the treatment of musculoskeletal pain

**Reviewer code:** 02520242

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-07-25 09:10

**Date reviewed:** 2014-07-29 08:43

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 checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

In this manuscript, the authors reviewed the treatment of musculoskeletal pain by stem cells. The authors also discussed different types of musculoskeletal-related pain and molecular mechanisms of MSK pain. There are some specific comments as follows: 1)The organization of this review is not quite well. The title of the manuscript is on treatment of MSK pain, however, more than half of the paper focus on description of MSK pain and its molecular mechanism, which is not fit the title well. It is better to cut down the first two parts and put more efforts on the treatment and stem cells (also see comment 3). 2)The three subtitles for treatment are not logic and clear. What's the logic relationship among MSK disease, MSK pain and neuropathic pain? These parts must be re-organized to fit the title. 3)The stem cells are not only MSCs. It is suggested to also discuss other stem cells such as iPS cells etc, and gene-modified stem cells for treatment of MSK pain.