

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 57906

Title: Noninvasive In Vivo Cell Tracking Using Molecular Imaging: A Useful Tool for Developing Mesenchymal Stem Cell-Based Cancer Treatment

Reviewer's code: 03810998

Position: Editorial Board

Academic degree: BSc, MPhil, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: South Korea

Manuscript submission date: 2020-06-29

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-09-04 05:59

Reviewer performed review: 2020-09-08 01:55

Review time: 3 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is a very interesting review paper to summarize the current tracking methods for MSC-based cancer therapies. The reviewer has the following minor comments to revise the manuscript. 1) The running title can be changed into “Molecular imaging: tracking for MSC-based cancer treatment”. 2) Please reduce the number of key words. 3) Please do not always list the name of the authors when the reference is cited; so many names were listed in the text which will make the manuscript unreadable. Please rewrite all the sentences extensively. 4) If possible, please add one more combined image to illustrate the MSC after labeling which will make the manuscript more attractive.