

PEER-REVIEW REPORT

Name of journal: *World Journal of Stem Cells*

Manuscript NO: 90578

Title: Unlocking the versatile potential: Adipose-derived mesenchymal stem cells in ocular surface reconstruction and oculoplastics

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03813908

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2023-12-07

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-12-17 23:54

Reviewer performed review: 2023-12-20 07:57

Review time: 2 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 type="checkbox"/> Minor revision <input checked="" 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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This manuscript reviewed the use and potential use of adipose-derived MSCs in ocular surface reconstruction and oculoplastics. The review is beneficial to researchers in this field. However, some concerns need to be addressed. 1. Although the author claims to be a native speaker. The language still needs polishing. There are many distinguishable language mistakes. 2. The author tried to review the use of adipose-derived MSCs. However, many conclusions or references are not limited to adipose-derived MSCs. I suggest the author to change the subject to MSCs and add more data, thus changing the manuscript to REVIEWS. Alternatively, they can keep the structure, and just add a section to refine and discuss other kinds of MSCs. 3. The serial numbers of subtitles are in a mess. 4. The readers also care about the clinical use status of adipose-derived MSCs. The author should add a section to discuss it and provide suggestions on how to accelerate the clinical use of adipose-derive MSCs. 5. It is better to discuss more in the CONCLUSION section. For example, the limitations of the research.