



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

ESPS manuscript NO: 22305

Title: Targeting head and neck tumoral stem cells: from biological aspects to therapeutic perspectives

Reviewer’s code: 02446277

Reviewer’s country: Romania

Science editor: Jin-Xin Kong

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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 type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" 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

In their review “Targeting head and neck tumoral stem cells: from biological aspects to therapeutic perspectives” Méry B and colleagues discuss approaches to targeting CSCs from head and neck tumors. Minor comments: In order to improve the article flow several aspects may be considered:

1. CD44 and ALDH1 are described as main markers of CSC. However, this are not the only one. Other markers as CD133 and “side population” should be mentioned.
2. In the section: CSC-induced immune responses: “In addition to ALDH1, other cancer antigens were found to be preferentially expressed in CSCs”. Please detail.
3. From the text it can’t be understand exactly what is the “immune-suppressive role of CSCs”. Please specify and include some strategies of CSC-driven immune suppression.
4. Include some data on targeting the self-renewal controlling pathways, as stated in the abstract.
5. Please check the English form, because there are minor typographical errors that should be corrected (ex. ex pressed or chemo resistance).
6. The Conclusion section cloud be restricted and more focused.