

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 37613

Title: Spatiotemporal switching signals for cancer stem cell activation in pediatric origins of adulthood cancer: Towards a watch-and-wait lifetime strategy for cancer treatment

Reviewer's code: 00505755

Reviewer's country: Japan

Science editor: Li-Jun Cui

Date sent for review: 2017-12-23

Date reviewed: 2017-12-25

Review time: 1 Day

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 checked="" 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 checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		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

The manuscript describes about the cancer stem cell activation in pediatric origins. It is important to elucidate the origin of cancer and the effect of the targeting of the cancer stem cells in pediatric cancer.

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Name of journal: World Journal of Stem Cells

Manuscript NO: 37613

Title: Spatiotemporal switching signals for cancer stem cell activation in pediatric origins of adulthood cancer: Towards a watch-and-wait lifetime strategy for cancer treatment

Reviewer's code: 01851506

Reviewer's country: Japan

Science editor: Li-Jun Cui

Date sent for review: 2017-12-23

Date reviewed: 2017-12-26

Review time: 2 Days

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

Comment to the author, Major point. In this review the author discussed the concept of Pediatric Origin of Adult Cancer (POAC). While the concept of POAC is potentially interesting, the author failed to address the nature of cells responsible for POAC, in particular, how to identify and target stem cells for POAC in infants or in fetus to trace the development at the single cell level? For example, will it be based on the cell surface marker, cell density, or certain transcriptional or translational features such as genetic mutations? Should the latter a case be, how one can distinguish such a cell from others without destroying tissue? Without such knowledge, it will be impossible to follow the development of a single stem cell even when the technical hurdle to image and monitor cells at the single cell level is resolved. Minor points. (1) There are many



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phrases that the author has cited from the literature without quotation marks. Such a habitude will make the review plagiarism. (2) There are many typographical and grammatical errors. (3) "/" should be avoided, because the readers will readily get confused whether "/" means "or", "and", or both. (4) English should be polished. In some paragraphs, the logic of the story is lost and it is difficult for readers to follow the author's opinion or idea.