



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 42244

**Title:** Cancer Stem Cell impact on clinical oncology

**Reviewer's code:** 03947685

**Reviewer's country:** Saudi Arabia

**Science editor:** Ying Dou

**Date sent for review:** 2018-09-13

**Date reviewed:** 2018-09-14

**Review time:** 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer's expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

Toledo-Guzmán ME et al. have submitted an interesting mini-review about impact of Cancer Stem Cells on clinical oncology. Supported by an up to date bibliography, it is a fluently written manuscript which provides some basic information regarding CSCs to the reader. My one suggestion to break the monotony of continuous text is that the



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authors should consider to provide some information in the form of small tables such as table for surface markers, a summary of CSC characteristics etc. This will help the readers to keep their focus.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

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- Plagiarism
- No



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 42244

**Title:** Cancer Stem Cell impact on clinical oncology

**Reviewer's code:** 02446223

**Reviewer's country:** Italy

**Science editor:** Ying Dou

**Date sent for review:** 2018-09-13

**Date reviewed:** 2018-09-18

**Review time:** 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

The manuscript by Toledo-Guzman et al is a minireview on Cancer Stem Cells and their role in clinical oncology. The title is appropriate and it well reflects the subject of the paper, as well as both the abstract and the keywords. The review is exhaustive and well written, with authoritative references. The subjects is really interesting, with a detailed



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and up to date part on cancer stem cells markers and overall the current approach to target these cells. The reviewer just has a few suggestion: - Schematic diagrams and/or tables would be helpful for the reader, so the suggestion is to include them into the review. - Although the English is acceptable, the review should be revised according to a more formal style (it is vs it's).

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**PEER-REVIEW REPORT**

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

**Manuscript NO:** 42244

**Title:** Cancer Stem Cell impact on clinical oncology

**Reviewer's code:** 03471268

**Reviewer's country:** Japan

**Science editor:** Ying Dou

**Date sent for review:** 2018-09-13

**Date reviewed:** 2018-09-21

**Review time:** 7 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
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			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

Authors review the CSC research history, characteristics and application for cancer therapy. Actually, CSC is new concept and critical for the cancer management nowadays and future, and we can take this message from this review. I suggest some points needed to be corrected. <Major points> I think that both 2 figures which authors created is



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very important in this review, because this is just overview of 2 main parts, “CSC CHARACTERISTICS WITH CLINICAL RELEVANCE” and “CSC IDENTIFIED IN PATIENTS: PHENOTYPE AND TYPE OF STUDIES”. So that citation of Fig.1 should be written before the detail of “Surface marker” and “Functional markers”. Moreover, key concept of Fig.1 should be explained. It may be following things. i) One marker is found in different organ cancer. ii) Several markers are positive for one type of cancer In case of Fig.2, there is no citation in the document. Citation and explanation of this figure also should be written in the main document. <Minor points> • In the last paragraph of INTRODUCTION, authors wrote that, “Despite the well-documented role of CSC...” Purpose of this review to explain the CSC character and its meaning. Therefore, I think it is not suitable to use “well-documented” here without detail explanation. • In the first paragraph of “CSCs AND THRAPPY RESISTANCE”, authors wrote “...they have been found over expressed...” I think the word “overexpressed” is normal.

## INITIAL REVIEW OF THE MANUSCRIPT

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**PEER-REVIEW REPORT**

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

**Manuscript NO:** 42244

**Title:** Cancer Stem Cell impact on clinical oncology

**Reviewer's code:** 01213078

**Reviewer's country:** China

**Science editor:** Ying Dou

**Date sent for review:** 2018-09-13

**Date reviewed:** 2018-09-21

**Review time:** 8 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

In the manuscript, the author reviewed the phenotype of cancer stem cells and the therapeutic strategies to target cancer stem cells for cancer treatment. The manuscript focuses on the clinical relevance of cancer stem cell and is well-organized with up-to-date information. The abstract summarized the main points of the manuscript



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but could be more concise

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