

## PEER-REVIEW REPORT

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

**Manuscript NO:** 46674

**Title:** Induced pluripotent stem cells, a giant leap for mankind therapeutic applications

**Reviewer's code:** 02567328

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-02-25 08:54

**Reviewer performed review:** 2019-03-04 15:38

**Review time:** 7 Days and 6 Hours

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
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

In their manuscript the authors describe the state of art regarding iPSCs. The question on the iPSC is very complex because although they seemed a great alternative for cell therapy in therapeutic field many problems arose as a result of their use. These problems are highlighted in the manuscript but sincerely, although the title asks a question, the



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feeling is that the authors do not take a position in this argument although there are many doubts that they highlight in the iPSCs use. In my opinion after reading their manuscript, the position relative to iPSCs is not favorable because many problems related to their use will have to be solved. If it were possible I would like the authors not to limit themselves to exposing the data reported in literature, but, considering the title, that they make a conclusion paragraph with strenght and weaknesses of iPSCs well highlighted.

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

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

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

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

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 46674

**Title:** Induced pluripotent stem cells, a giant leap for mankind therapeutic applications

**Reviewer's code:** 00008780

**Reviewer's country:** United Arab Emirates

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-02-24 14:11

**Reviewer performed review:** 2019-03-08 12:09

**Review time:** 11 Days and 21 Hours

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 checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input 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 entitled "iPSC, are they a small step or a giant leap for mankind therapeutic applications?" by Bragança and colleagues represents a very interesting review on iPS cells. The title reflects the main subject of the manuscript. The abstract summarizes the work described and the key words reflect the focus of the manuscript.



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The introduction adequately describes the background and significance of IPSC. The topics selected in this are appropriately highlighted and clearly presented. While the figure presented in the conclusion could have been presented earlier in the manuscript. But in a simple diagrammatic way summarized the main topics of the review. This reviewer has noticed several typos that should be corrected.

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

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

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

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

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No