

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 46636

Title: Induced pluripotent stem cells throughout the animal kingdom: Availability and applications

Reviewer's code: 02931898

Reviewer's country: France

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-04-01 10:28

Reviewer performed review: 2019-04-03 06:56

Review time: 1 Day and 20 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 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 authors reviewed the generation of iPSCs throughout the animal kingdom. This compilation is extensive and well organized, reviewing for each major species the various related publications. Although I recommend the publication of this interesting



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article, I have just one remark: In the introduction, the last sentence of the first paragraph says that "in regards to culturing ESC ... undefined culture conditions present the first hurdle". I think that this affirmation should be tempered because, besides human, mice and rats, many other species successfully gave rise to the generation of ESCs, see for review Savatier et al., Stem Cell Res 19 (2107) 104-112.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 46636

Title: Induced pluripotent stem cells throughout the animal kingdom: Availability and applications

Reviewer's code: 02495033

Reviewer's country: South Korea

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-04-06 09:58

Reviewer performed review: 2019-04-13 05:46

Review time: 6 Days and 19 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input 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

The review is very sound and extensive, and may provide readers and investigators with good information. I recommend the manuscript should be published in WJSC.



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- ☐ No