



PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 50082

Title: Clonal isolation of endothelial colony forming cells from early gestation chorionic villi of human placenta for fetal tissue regeneration

Reviewer's code: 03810998

Position: Editorial Board

Academic degree: BSc, MPhil, PhD

Professional title: Associate Professor

Reviewer's country: China

Author's country: United States

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2019-07-17 11:11

Reviewer performed review: 2019-07-25 05:51

Review time: 7 Days and 18 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 type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input checked="" 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 checked="" 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



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

This is an interesting study conducted by Dr Wang's group to isolate the endothelial colony forming cells from human chorionic villi, namely CV-ECFCs. Isolation of colony forming cells from chorionic villi is not a new finding indeed and the reviewer will not feel amazing to see the good compatibility of CV-ECFCs inside SIS. Additionally, the reviewer has the following concerns: 1) Mesenchymal stromal/stem cells have been isolated from chorionic villi, what is the difference between MSCs and ECFCs from chorionic villi? 2) How many placentas were used in this study? Whether CV-ECFCs can be isolated from all these specimens? 3) How about the proliferation, growth and differentiation potential of CV-ECFCs? 4) Can the typical CFU assay be used to compare the CFU potential between CD31+ and CD31- cells from chorionic villi? 5) The logic in the Introduction section is not well organized, please rewrite it. 6) English proof-reading is necessary.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- No

BPG Search:

- The same title
- Duplicate publication
- Plagiarism
- No