



# BAISHIDENG PUBLISHING GROUP INC

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## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 22715

**Title:** Role of adipose-derived stromal cells in pedicle skin flap survival in experimental animal models

**Reviewer's code:** 02528832

**Reviewer's country:** Spain

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2015-09-22 16:30

**Date reviewed:** 2015-10-20 00:30

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 checked="" type="checkbox"/> No	<input 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

In general well written. Perhaps it would be necessary a reference after the third sentence of the introduction. Perhaps authors could comment some comparative studies in which the results with adipocytes and bone marrow stem cells are compared.



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### ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 22715

**Title:** Role of adipose-derived stromal cells in pedicle skin flap survival in experimental animal models

**Reviewer's code:** 00742195

**Reviewer's country:** United States

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2015-09-22 16:30

**Date reviewed:** 2015-11-02 22:55

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 checked="" 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 mini-review: "The role of adipose-derived stromal cells in pedicle skin flap survival in several experimental models in animals" was written by Drs. Pericles Foroglou et al. Using animal models, several authors reported that the adipose-derived stromal cells promote pedicle skin flap survival although the detail mechanisms are not well known. They found that several growth factors such as VEGF, bFGF, TGF-beta secreted from the adipose derived stromal cells may play important roles for the flap growth and survival. Although the article is mini-review, the authors try their best to let readers familiar to this field. In particular basic mechanisms how the adipose derived stromal cells are benefit pedicle skin flap. Also, there are any disadvantages. Has this method been used in the clinic trial? In discussion part, on line 4, after "adipose-derived stem" may be added "cells".



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## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 22715

**Title:** Role of adipose-derived stromal cells in pedicle skin flap survival in experimental animal models

**Reviewer's code:** 02567328

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2015-09-22 16:30

**Date reviewed:** 2015-11-06 23:10

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"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
		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

In this review the authors report the use of adipose-derived stem cells in pedicle skin flap survival in several experimental animal models. The topic is interesting and the text is concise but some points must be clarified: - The authors have organized the manuscript in introduction, discussion and conclusion. I think it would be more appropriate not to include the paragraphs "Effect of ADSCs on viability of random pedicle skin flaps", "Effect of ADSCs on viability of axial pedicle flaps", "Effect of ADSCs on viability of prefabricated pedicle flaps" under the heading discussion because the authors only report and don't discuss the data presented about the topic object of the manuscript. Please modify the manuscript organization. - In the review there are no images or figures or tables that could facilitate the reading of the manuscript to non-expert. Please add. - I would change the title in "The role of adipose-derived stromal cells in pedicle skin flap survival in experimental animal models" -The manuscript is a review or a mini-review? I believe that the mini-review format is better



**ESPS PEER-REVIEW REPORT**

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

**ESPS manuscript NO:** 22715

**Title:** Role of adipose-derived stromal cells in pedicle skin flap survival in experimental animal models

**Reviewer's code:** 00503695

**Reviewer's country:** Germany

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2015-09-22 16:30

**Date reviewed:** 2015-11-08 14:47

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 checked="" 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 type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

**COMMENTS TO AUTHORS**

Dear Ladies and Gentlemen, the manuscript ' the role of adipose-derived stromal cells in pedicle skin flap survival in several experimental models in animals' summarizes the studies and their results regarding the use of adipose-derived stem cells for skin flaps in animal models in the last decade. The animal studies are promising for further use in humans. The manuscript needs revision before publication. 1. The most relevant publications should be summarized in a table. 2. There is no data regarding the animal studies. Data should be mentioned, when available. 3. The conclusion should be shortened and no further studies introduced in it. 4. The Keywords should be added: stem cell, skin defect, reconstructive surgery. 5. The current state of the research regarding stem cells derived from human skin tissue should be mentioned. 6. further points: a) Abstract, line 4: Please change to 'most common is necrosis'. b) Discussion, line 2: Change to 'by Lu et al. in 2008'. c) Explain the abbreviation ICR mice (mice originating from a Swiss mice strain from Institute for Cancer Research in Philadelphia) d) Explain the abbreviation DiI-labeled: chemical used for labeling cell membranes and hydrophobic structures. e) Discussion, 2nd page, line 2: Change to 'blood vessel regeneration in vivo'.



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Sincerely,