

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Transplantation

**ESPS manuscript NO:** 32367

**Title:** Intra-islet endothelial cell and  $\beta$ -cell crosstalk: Implication for islet cell transplantation

**Reviewer's code:** 00504316

**Reviewer's country:** China

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 17:23

**Date reviewed:** 2017-01-07 22:18

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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 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

Basically, this is a good paper which well demonstrated the crosstalk between intra-islet endothelial cells and  $\beta$ -cells. Schematic photography is appreciated if possible to make the crosstalk relationship more clear.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Transplantation

**ESPS manuscript NO:** 32367

**Title:** Intra-islet endothelial cell and  $\beta$ -cell crosstalk: Implication for islet cell transplantation

**Reviewer's code:** 00070310

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 17:23

**Date reviewed:** 2017-01-16 07:58

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

This paper reviews small implication for islet cell transplantation. This paper is interest, and well written and appropriate. It will be acceptable for publication except one. Please show how to select papers in this review.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Transplantation

**ESPS manuscript NO:** 32367

**Title:** Intra-islet endothelial cell and  $\beta$ -cell crosstalk: Implication for islet cell transplantation

**Reviewer's code:** 00503542

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 17:23

**Date reviewed:** 2017-01-17 15:27

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 checked="" 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 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

This review article focuses on crosstalk between intra-islet endothelial cells and beta-cells. Recent advances are concisely summarized and informative for readers. However, a few small problems may remain to be solved as follows. 1. A section of "The endocrine effect of islet ECs on bet-cells" (page 5) may need reference(s). 2. In "when co-transplanted (23) or coated (24) with ECs in diabetes induced mice," (page 3), reference #23 seems to use diabetic rats. 3. In "(KDR in humans and Flk-1 in mouse)" (page 4), "mouse" may be written in plural form. 4. The last reference (#173) does not seem to have relevance to islets. If any, it should be mentioned. 5. Careful proof reading may improve some details. For example, "Beta-cell" is found on page 3. In the title of reference 24 (page11), the first letter of a word is capitalized.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Transplantation

**ESPS manuscript NO:** 32367

**Title:** Intra-islet endothelial cell and  $\beta$ -cell crosstalk: Implication for islet cell transplantation

**Reviewer's code:** 02993037

**Reviewer's country:** Brazil

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 17:23

**Date reviewed:** 2017-01-21 19:50

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"/> [ Y] Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> [ Y] Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> [ ] High priority for publication
<input checked="" type="checkbox"/> [ Y] 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"/> [ Y] 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"/> [ Y] No	

## COMMENTS TO AUTHORS

This is an interesting review which explores important mechanisms involved in islet cell hemostasis. Further clinical intervention strategies should be based in the concepts presented by the authors. However, better comprehension of the whole pathophysiological processes might be achieved with a schematic diagram.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Transplantation

**ESPS manuscript NO:** 32367

**Title:** Intra-islet endothelial cell and  $\beta$ -cell crosstalk: Implication for islet cell transplantation

**Reviewer's code:** 00073640

**Reviewer's country:** Slovenia

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2017-01-07 17:23

**Date reviewed:** 2017-01-23 17:44

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 subject of the review is very interesting and topical. The manuscript is very good structured and concise. However, to improve the manuscript the schematic representation (or table) of the involved molecules and their roles are highly recommended.