

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 42784

**Title:** Not all arrestins are created equal: Therapeutic implications of the functional diversity of the  $\beta$ arrestins in the heart

**Reviewer's code:** 02634794

**Reviewer's country:** Turkey

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-10-25

**Date reviewed:** 2018-10-25

**Review time:** 2 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 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

In this Editorial article, authors discuss therapeutic implications of the functional diversity of the Barrestins in the heart. Authors have published original article in that field and discuss the potential importance of this issues in cardiology field. The



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references are new and impressive. So, article may be published without any other evaluation.

**AUTHOR RESPONSE:**

We thank this reviewer for his/her kind and good words about the quality of our work.

**INITIAL REVIEW OF THE MANUSCRIPT**

***Google Search:***

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

***BPG Search:***

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 42784

**Title:** Not all arrestins are created equal: Therapeutic implications of the functional diversity of the  $\beta$ arrestins in the heart

**Reviewer's code:** 03905734

**Reviewer's country:** Italy

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-10-25

**Date reviewed:** 2018-10-30

**Review time:** 5 Days

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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

This is an interesting and though inspiring commentary. No plagiarisms have been detected by using different softwares. I have only one comment, maybe the title should state that most of the comments have been made with respect to AR and ATR signaling.



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#### **AUTHOR RESPONSE:**

We thank this reviewer for his/her kind and good words about the quality of our work. The reviewer raises a valid point about potentially modifying the title of our editorial. Our editorial has focused on cardiac ARs and AT<sub>1</sub>Rs, because, unfortunately, almost all (if not all) of the available studies in the literature on cardiac beta-arrestins are in relation to signal transduction by these two types of GPCRs. Therefore, although it would be possible to change our title to reflect this reality, we feel that such a change in the title would limit the scope of our manuscript and thus, make it less appealing to the reader. For this reason, we have chosen instead to add a comment on this at the end of the "Introduction" of our revised manuscript to reflect the fact that all studies we have reviewed in this editorial pertain to ARs and AT<sub>1</sub>Rs, as follows: *"Given that almost all of the in vivo studies on cardiac  $\beta$ arrestins done so far are in relation to the effects of these two proteins on  $\beta$ AR and AT<sub>1</sub>R signaling in the heart, the evidence for cardiac  $\beta$ arrestins` functional diversity reviewed below pertains exclusively to cardiac  $\beta$ ARs and AT<sub>1</sub>Rs"*, p. 6, end of "Introduction" of our revised manuscript (also highlighted in yellow).

We hope this satisfies this reviewer.

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

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

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

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



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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 42784

**Title:** Not all arrestins are created equal: Therapeutic implications of the functional diversity of the  $\beta$ arrestins in the heart

**Reviewer's code:** 02446542

**Reviewer's country:** Greece

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-10-25

**Date reviewed:** 2018-11-04

**Review time:** 10 Days

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

### SPECIFIC COMMENTS TO AUTHORS

There are no specific comments for this Editorial article about the therapeutic implications of the functional diversity of the Barrestins in the heart. The manuscript is well written since the authors have published papers in this field of cardiology.



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- ☐ Plagiarism
- ☐ No