

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 52295

Title: Do Age-associated Changes of Voltage-Gated Sodium Channel Isoforms Expressed in the Mammalian Heart Predispose the Elderly to Atrial Fibrillation?

Reviewer's code: 03722832

Position: Editorial Board

Academic degree: DNB, MD

Professional title: Associate Professor

Reviewer's country: India

Author's country: United Kingdom

Manuscript submission date: 2019-10-26

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2019-10-29 02:35

Reviewer performed review: 2019-10-31 17:10

Review time: 2 Days and 14 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 checked="" 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 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 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



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SPECIFIC COMMENTS TO AUTHORS

Follow the PRISMA checklist to rewrite your review .Provide a comprehensive caption for each of your figure or table. Improve sentence structure

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 Cardiology

Manuscript NO: 52295

Title: Do Age-associated Changes of Voltage-Gated Sodium Channel Isoforms Expressed in the Mammalian Heart Predispose the Elderly to Atrial Fibrillation?

Reviewer's code: 03846820

Position: Editorial Board

Academic degree: FACC, MD

Professional title: Academic Research, Assistant Professor, Doctor

Reviewer's country: Netherlands

Author's country: United Kingdom

Manuscript submission date: 2019-10-26

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2019-10-29 02:57

Reviewer performed review: 2019-11-01 13:13

Review time: 3 Days and 10 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 checked="" 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 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 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



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SPECIFIC COMMENTS TO AUTHORS

Dear author, This paper represents the clinical case which is focused on the age-associated changes of voltage-gated sodium channel isoforms expressed in the mammalian heart that have a potential to predispose the elderly to atrial fibrillation. The article is written with the good English-speaking adduction of the arguments. The article is sufficiently novel and very interesting to warrant publication. All the key elements are presented and described clearly. The most discussable options in the article are: 1) Please correct all your typos and errors throughout the manuscript. I would suggest to use something simple like the free version of Grammarly. 2) You are too focused on two agents such as Ranolazine and Irbesartan in the article. If you make an attempt to provide the reader with the relevant info regarding the medications, please write a proper review with the general vision of the story with all available drugs in the market. For instance, you have mentioned anti-fibrotic effects of Irbesartan, but this is not the only agent with such effects. There must be maybe a table with the main first of all clinically available agents.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title



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[] Duplicate publication

[] Plagiarism

[Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 52295

Title: Do Age-associated Changes of Voltage-Gated Sodium Channel Isoforms Expressed in the Mammalian Heart Predispose the Elderly to Atrial Fibrillation?

Reviewer's code: 02446542

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Honorary Research Fellow

Reviewer's country: Greece

Author's country: United Kingdom

Manuscript submission date: 2019-10-26

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2019-11-01 06:12

Reviewer performed review: 2019-11-14 09:33

Review time: 13 Days and 3 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 checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
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SPECIFIC COMMENTS TO AUTHORS

This review paper is focused on the role of voltage-gated sodium channels in atrial fibrillation. The structure of the paper is in the right context but I would recommend authors to give more data about the effects of those medications in the daily clinical practice.

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