

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 50603

**Title:** Vitamin C Ameliorated Cardiac Autonomic Neuropathy in Type 2 Diabetic Rats

**Reviewer's code:** 02446387

**Position:** Editorial Board

**Academic degree:** MHSc, PhD

**Professional title:** Professor

**Reviewer's country:** United States

**Author's country:** Nigeria

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2019-09-04 19:05

**Reviewer performed review:** 2019-09-04 19:35

**Review time:** 1 Hour

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 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 checked="" 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 experimental study of the beneficial effect of Vitamin C on CAN of rates. The

primary hypothesis was empirically tested. The result for testing this hypothesis has confirmed the hypothesized effect of Vitamin C on cardiac health. Implications are drawn from this animal study. Although the causal mechanism for CAN is explored, the paper tends to overgeneralize its findings in the complex relationship between Vitamin C and CAN. Perhaps, the limitations of this study are related to single out Vitamin C as the primary determinant for CAN and cardiac functions. Thus, it is necessary to insert additional information in the concluding section to specify the limitations of this study. For instance, the authors could identify an alternative hypothesis that Vitamin C may exert both direct and indirect effects on CAN. Future research should perform multivariate analysis or modeling to tease out the influences of confounding or mediating factors between Vitamin C and CAN/physiological functions. Lastly, the paper needs careful edits. For example, "exact" should be exert in the abstract.

## **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 Diabetes

**Manuscript NO:** 50603

**Title:** Vitamin C Ameliorated Cardiac Autonomic Neuropathy in Type 2 Diabetic Rats

**Reviewer's code:** 00505246

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Academic Research

**Reviewer's country:** United Kingdom

**Author's country:** Nigeria

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2019-09-04 19:53

**Reviewer performed review:** 2019-09-08 20:54

**Review time:** 4 Days and 1 Hour

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 type="checkbox"/> Grade C: Good	polishing	<input 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 type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Well performed work



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## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

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

### *BPG Search:*

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