

## PEER-REVIEW REPORT

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

**Manuscript NO:** 61327

**Title:** Diabetes and inflammatory diseases: an overview from the perspective of Ca<sup>2+</sup>/cAMP signalling

**Reviewer's code:** 00227633

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Portugal

**Author's Country/Territory:** Brazil

**Manuscript submission date:** 2020-12-02

**Reviewer chosen by:** Lian-Sheng Ma

**Reviewer accepted review:** 2020-12-03 10:11

**Reviewer performed review:** 2020-12-03 19:22

**Review time:** 9 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

## **SPECIFIC COMMENTS TO AUTHORS**

The author's purpose of the investigation is very interesting, also for scientists from related research fields. I would recommend the suggestions described below: 1) The title should be short and concise. According to recent studies that would favor future citations to the paper. What is really new in the paper? The role of CCBs? 2) At the end of the intro, it also not clear what is the main message and relevant points of the paper that should be emphasize at this stage. 3) I would like to make the following suggestion: a figure or scheme with the chronology or a timeline of the major events in the field would be interesting and usual for a better understanding of the paper. Moreover, this timeline will also reflect the understanding of the authors about these events. This personal view timeline will be interesting and also pedagogical for the others researchers and professors in the field as well as also for medical scientists. 4)

The review contain about 22% of references in the last 4 years. However this percentage should be higher. For instance, including recent papers about the role of CCBs for preventing calcium disruption due to COVID, among others examples. 5)

Globally conclusions should followed the order of presentation of the paper with partial conclusions first and then global conclusions. It is not clear why the author include in the conclusion a table with CCBs.

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**Reviewer's code:** 03465354

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** Brazil

**Manuscript submission date:** 2020-12-02

**Reviewer chosen by:** Lian-Sheng Ma

**Reviewer accepted review:** 2020-12-02 20:12

**Reviewer performed review:** 2020-12-15 21:50

**Review time:** 13 Days and 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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#### **SPECIFIC COMMENTS TO AUTHORS**

The proposed review manuscript by Bergantin aimed to present an overview of the basic mechanisms and clinical link between diabetes and inflammatory diseases emphasizing the role of  $\text{Ca}^{2+}$ /cAMP signaling. My general opinion on the manuscript is that the review is well written, but some sub-sections of section 2.2. can be extended.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

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**Author's Country/Territory:** Brazil

**Manuscript submission date:** 2020-12-02

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2020-12-30 09:31

**Reviewer performed review:** 2020-12-30 09:39

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

The author was very positive and intelligent regarding the reviewer's comments and also critics not agreeing with all the suggestions. The paper was globally improved upon changes introduced by the author.

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**Manuscript submission date:** 2020-12-02

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2020-12-31 18:09

**Reviewer performed review:** 2020-12-31 18:11

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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