

Dear Editor,

First, we thank the reviewers for careful reading of the paper and their very helpful comments. We performed the suggested corrections and improved the relevant sections of the manuscript to address the questions and comments point-by-point. Changes were highlighted throughout the manuscript. So, we hope our responses have the potential to match the questions of the reviewers. Moreover, all parts of the text were thoroughly checked and substantially improved by native English speaker.

Sincerely,

Professor Semir Ozdemir, PhD

Corresponding author

RESPONSE TO REVIEWERS

Reviewer #1:

-As recommended by the reviewer the language of the manuscript was checked and corrected by a native speaker. I hope it is better and satisfying

Reviewer #2:

-As recommended by the reviewer the language of the manuscript was checked and improved by a native speaker. I hope it is better and satisfying

Specific Comments to Authors: This is a good review on changes in cardiac voltage gated channels in patients with diabetes. There are two minor comments: 1. The information related to animal studies can be separated from findings from the clinical studies. 2. Future prospective can be added to the conclusion.

1) Thanks for this contribution, future perspectives section was added.

2) Almost all the collected and discussed findings have obtained from animal studies since they need invasive experimental procedures. They have performed in isolated cells or cardiac tissues. This review aimed to collect and discuss the cellular findings specific to ion channels that may explain the underlying mechanisms of cardiac abnormalities observed in diabetic patients. Therefore, there is not enough data about cardiac ion channels obtained from the human heart to make such classification for animals and humans. In this manner, our manuscript has focused on providing a translational approach for the interpretation of clinical data using experimental findings.

Reviewer #3:

-As recommended by the reviewer the language of the manuscript was checked and improved by a native speaker. I hope it is better and satisfying