

21 June 2022

Respected Sir/Madam

Reference#: 77512

Title: Human-Induced Pluripotent Stem Cell-Atrial Specific Cardiomyocytes (hiPSC-aCMs) and Atrial Fibrillation

I am hereby giving points response to your comments;

Reviewer #1

Comment #1: Would recommend to highlight the salient points from the mentioned studies in a table format.

Author answer: I already added a table as your suggestion.

Reviewer #2

Comment #1: Some readers (including me) may not familiar with IKACH, IK1, IKs, IKr, and INa. A figure explaining these action potentials may be helpful to understand them like Figure 1 in reference [60] and Figure 1B in reference [61].

Author answer: I already added Figure 4 regarding your suggestion.

Comment #2: Please use abbreviations properly. For example, I think that APD, APs and iCell etc. were not defined. "sarcolipin" in page 13 was already defined as "SLN" in page 8. List of abbreviations might be helpful.

Author answer: I already added the abbreviations at the end of manuscript.

Comment #3: I feel that it would be better that the study by Benzoni et al [63] is included in the paragraph of "Personalized regenerative medicine for AF". On the other hand, is the study by Xie et al [72] using rat aCMs related with "Personalized regenerative medicine for AF"? The study by Gharanei et al [5] could also be included in the paragraph of "Isolation of hiPSC-aCMs".

Author answer: I already 1 paragraph of Benzoni et al [63]'s study in "Personalized regenerative medicine for AF". For the study by Xie et al [72], they investigated in both rat aCMs and hiPSC-aCMs, and the results could be applied for "Personalized regenerative medicine for AF". For the study by Gharanei et al [5], I already added the citation as your suggestion.

Language polishing requirement:

Comment #1: Authors are requested to send their revised manuscript to a professional English language editing company or a native English-speaking expert to polish the manuscript further. When the authors submit the subsequent polished manuscript to us, they must provide a new language certificate along with the manuscript.

Author answer: I already submitted the manuscript to be edited by [TM editing©](#) and already received the English Language Certificate.

Best regards,

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