



OSPEDALE POLICLINICO SAN MARTINO  
Sistema Sanitario Regione Liguria



University of Genoa  
School of Medicine

To: Lian-Sheng Ma, Founder and Chief Executive Officer  
Scientific Editor of World Journal of Cardiology

June 19th 2018

Dear Editor,

Please find here our answers to reviewers' comment, we are indebted with the reviewers for their careful evaluation of our work and important suggestions which improved the quality of our manuscript.

**Reviewer 02634794**

Comment: It is a well written article about T cell markers and ACS. There are a lot of spelling and grammatical errors.

Answer: we thank the reviewer for his/her comment. We double check the whole manuscript and correct the errors.

**Reviewer 02919566**

Comment: The manuscript is original and points out the role of T-cells in myocardial infarction. This reviewer has no major comments about it.

Answer: we thank the reviewer for his/her comment.

**Reviewer 03491752**

Comment: Dear The Authors I want to thank you for writing this manuscript, describing the role of immune mediators in ameliorating the effect of acute myocardial infarction as well as the perfusion injury I personally have no concerns about this manuscript.

Answer: we thank the reviewer for his/her comment.

**Reviewer 00397579**

Comment: Liberale et al provided a succinct summary and prospective views on the field of adaptive immunity in ACS in light of the publication by Angelini et al in Eur Heart J. The article is timely and well written. I would commend the authors' effort.

Answer: we thank the reviewer for his/her comment.

Comment: use MMP-9 throughout the text for abbreviation (mixed MMP-9 and MMP9 in current version)

Answer: in this revised version we have corrected MMP-9 misspellings.

Comment: correct typo "Angelini et coll" in the beginning of the paragraph under "Perspectives" and other places as well

Answer: we have corrected this typo.



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Comment: Acute coronary syndrome (ACS) including unstable angina and myocardial infarction (non-ST elevation myocardial infarction and ST elevation myocardial infarction). The text should make this definition clear.

Answer: we thank the reviewer for his/her comment. A clearer definition of ACS as suggested by the reviewer has been added to the revised manuscript as follow (Page 3): "Acute Coronary Syndromes (ACS) –including unstable angina and myocardial infarction (MI)- are the most detrimental atherosclerosis-related complication being the leading cause of mortality worldwide and a considerable source of morbidity [Ref]"

Thank you in advance for your re-consideration.

Yours sincerely,

Fabrizio Montecucco, MD, PhD

*Fabrizio Montecucco*