February 28, 2013

Dear Editor,

Please find enclosed edited manuscript in Word format (file name: 20130228 Revised text)

**Title:** Sphingolipids in Cardiovascular and Cerebrovascular Systems: Pathological Implications and Potential Therapeutic Targets

**Author:** Masahito Kawabori, Rachid Kacimi, Joel. S Karliner, Midori A Yenari

**Name of Journal:** World Journal of Cardiology

**ESPS Manuscript NO:** 1834

The manuscript has been improved according to the suggestions of reviewers:

Reviewer 02446697: The figure 1 must be concluded

Answer: Do you mean the figure 1 must be included? The figure 1 could not be uploaded at the first submission, so I sent it to the chief editor by e-mail.

Reviewer 00214267: I suggest the author add a recent related paper on this issue. Knapp M, Zendzian-Piotrowska M, Kurek K, B?achnio-Zabielska A.Myocardial infarction changes sphingolipid metabolism in the uninfarcted ventricular wall of the rat. Lipids. 2012;47(9):847-53.

Answer: Thank you for your useful comment. I added the above mentioned reference to the journal and add comments below to the 4.1 S1P in cardioprotection section

Knapp et al. also mentioned the importance of the S1P/ceramide levels ratio which could be responsible for increased apoptosis in the myocardial infarction in the rat

Thank you again for publishing our manuscript in the World Journal of Cardiology

Sincerely yours,

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