Reviewer's report

Title: Genetic variants associated with circulating MMP1 levels near matrix metalloproteinase genes on chromosome 11q21-22 in Taiwanese: interaction with obesity

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Reviewer: Dimitrios Papazoglou

Reviewer's report:

In this manuscript Hsuan-Li Huang et al. examine the association between polymorphisms around matrix metalloproteinase genes with levels of MMP-1 and other 13 inflammatory markers. They also performed an interaction analysis for obesity.

This is an interesting and well designed study. The manuscript is well written and the results are thoroughly discussed.

I have to suggest only a couple of minor revisions.

1. Introduction should be shortened.

2. Page 13, 2nd line geneotypes

3. The paragraph titled “Association of MMP1 gene promoter SNPs and levels with diseases” in Discussion has not any direct relation with the study results and could be omitted.

I recommend the acceptance of the study.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

'I declare that I have no competing interests'