Reviewer's report

Title: ACE-Inhibition, but not weight reduction restores cardiomyocyte response to beta-adrenergic stimulation in the Metabolic Syndrome

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Reviewer: Nassos Manginas

Reviewer's report:

In this interesting paper the authors used a clear model of mouse metabolic syndrome, and examined in vitro the effects of diet and ACEI on Ca handling and beta-adrenergic stimulation. They concluded that weight loss, although extreme, did not affect the attenuated response to extracellular Ca nor restored the response to beta-adrenergic stimulation. In the contrary the latter was improved by ACEI.

Minor comments:

1. The authors rightly acknowledged the significant weight loss as a confounding factor. Would the results change with a moderate weight change?
2. Please give your comments on the reason the effect of ACEI on Ca handling was not studied.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests