Reviewer's report

**Title:** The higher exercise intensity and the presence of allele I of ACE gene elicit a higher post-exercise blood pressure reduction and nitric oxide release in elderly women

**Version:** 1 Date: 13 July 2011

**Reviewer:** Ai-Hsien Li

**Reviewer's report:**

Major:
1. The authors should explain the reasons of some contradictory data including:
   a. Why the Bp increased in controlled group (Tab. 2)?
   b. Why the NO2 increase in control group (DD group) in Tab. 3, yet also presents with a BP increase (Tab. 2)?
      (Contradictory to the trend of ID/II groups)
2. In this study only enrolling female gender, it will make use doubt the role of gender regarding the post-exercise hypotension. The authors have discuss the differences between this study and other previous ones, but more comprehensive hypothesis could be provided.
3. The conclusion should emphasize the implication could only be applied to elderly female groups (for the same reason as 2.)
4. The authors use the term “cardio-protective”, which might be a non-specific one and should be defined much more clearly. Otherwise, they should use “post-exertional hypotensive”..?

Minor:
5. Spelling error: “Matherial and method” should be “material and method”

**Level of interest:** An article of outstanding merit and interest 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 have no interests of conflict.