

Reviewer's report

Title: A Whey Protein Supplement Decreases Post-prandial Glycemia

Version: 1 **Date:** 11 June 2009

Reviewer: José Galgani

Reviewer's report:

Petersen et al. observed a decrease in postprandial glycemia in response to ingestion of a glucose solution plus whey protein. In general, the study was well conducted. I have some comments:

1. This study included 7 women. Did they have regular menstrual cycle? Were glucose test performed during follicular, luteal or in both phases? Please discuss this aspect.
2. Control was run twice. Which value was used for analysis, first, second, both or average. Please mention that and report intra-individual CV and intraclass coefficient of correlation.
3. Only after looking Figure 1 is clear that SE was used. Please indicate that in the method section.
4. Please show the correlation plot between protein dose and glucose AUC. You can still show the current figure 1.
5. It would be interesting to see the relationship between the glucose AUC control/20g ratio and BMI. I understand this was not the goal of the study, but still may be relevant to show that.
5. Conclusion in abstract section. Please indicate "oral" before glucose bolus.
6. What was the arginine content? I understand that arginine also enhances insulin secretion.

Level of interest: An article whose findings are important to those with closely related research interests

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'