

Reviewer's report

Title: A Newly Developed Snack Effective for Enhancing Bone Volume

Version: 1 **Date:** 27 April 2009

Reviewer: Rosa Capita

Reviewer's report:

The aim of this paper is to study the effect of a newly developed snack on the bone volume, bone density and bone mineral content in osteoporosis model mice. Overall the paper contains valuable data that should be published. However, some points must be considered before publication.

Major Compulsory Revisions

The low number of samples (6 males and 6 females in each group) limits the validity of the research. A reference to this point should be made in the conclusions of the manuscript.

Minor Essential Revisions

ABSTRACT

- According to the Instructions to Authors the abstract must be structured into separate sections: Methods, Results and Conclusions.
- It would be convenient to include the composition of the newly developed snack.

METHODS

- Gonadectomy was performed for ten mice in each gender? The text suggests that ovariectomy/orchiectomy were carried out for animals in two groups: number 4 and number 5 (12 females and 12 males). Please clarify this point.
- Supplied Diet: defined instead of deifned; include composition of the newly developed snack.

DISCUSSION

- Include CPP (casein phosphopeptide) for the first time in this section.

TABLE 1. Include a footnote for to explain NCD, LCD, SCD and number of animals in each group.

FIGURES 2-5. Significant differences among groups should be included.

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 not competing interests.