

**Title, introduction and the aim:**

The title is clear and to motivate to read the complete article. Nevertheless, it has not relation with the results presented. So, I suggest to change the title or change the redaction of the manuscript focused only in the effect of sweeteners on the lymphocytes of Peyer's patches.

Introduction (Lines 15- 84). The information is clear and important to support the findings. Nevertheless, the information is divided in subtitles. This is unusual in a scientific manuscript. So I encourage to the authors take out this subtitles.

The aim, is related to the title but is not in relation with the results presented. So I suggest change this similar to indicated for title.

**Material and methods:**

I don't have comments on this regard.

**Statistical analysis:**

I don't have comments on this regard.

**Results:**

Lines 140 to 210: Please see the comments included in the right margin of the manuscript.

Tables: in all the tables is indicated as an sweetener "Splenda" but is not previously indicated neither in introduction or material and methods if "Splenda" is a commercial product of sucralose or other sweetener.

Tables 2 and 5, I suggest change this tables by bar figures

**Discussion:**

Lines 213 to 300: Please see the suggestions included in the right margin of the manuscript.

The subtitles included in the discussion are very long. So I suggest change this by others more short.

Lines 214-215 (subtitle suggested) *Changes in body weight and food and water consumption.*

Lines 249-250 (subtitle suggested) *Blood glucose changes.*

Lines 269-271 (subtitle suggested) *Changes in the lymphocyte percent.*

**Conclusions:**

The conclusion if well is in accordance with the aim proposed is not in relation with the results. So I suggest change the redaction of conclusions or change the content of manuscript as suggested for the title.

**Abstract:** I suggest changing the redaction on basis the corrections in the main text