Author's response to reviews

Title: Effects of Hypericum Perforatum, in a rodent model of periodontitis.

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Author's response to reviews: see over
November 4, 2010

Editor-in-Chief,
BMC complementary and alternative medicine

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Dear Editor

I’d like to thank you for your email of the 27 October 2010. Please find enclosed the revised version of the above-referenced manuscript. According to the suggestions we rearrange the manuscript. The changes made in the revised manuscript are indicated in yellow in the revised version of the manuscript. If possible we will like to reproduce the figure in black and white.

I would like to thank the Editor and the Referee for their skillful comments that improved the quality of our paper.

Sincerely yours,

Salvatore Cuzzocrea Ph.D.

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Author’s Reply to Referee #1

We wish to thank this referee for taking the time to read our paper. We have the following comments:

Abstract

1. As suggest by the referee we delete the words “Since polyphenolic compounds have high antioxidant propriety”.

2. As suggested by the referee we review the sentences “the recruitment of other inflammation” “production of a range of inflammatory mediators” “tissue damage” “apoptosis and disease” “potent anti-inflammatory effects”

3. As suggested by the referee we have now changed Nitrotyrosine with nitrotyrosine Interleukin with interleukin.

4. As suggested by the referee we have now changed Hypericum with Hypericum perforatum; injury, events associated with injury associated.

Introduction

1. As suggested by the referee, we have give a brief information and the related references about Nitrotyrosine, iNOS, P-selectin, ICAM, IL-1, lkB-#, NF-kB p65, Bax, and Bcl-2

2. As suggested by the referee we have now changed: In recent years with In recent years; antidepressant effect with antidepressant effect.; model of periodontitis, with model of periodontitis.; of action we >> of action, we; apoptosis >> apoptosis.

Results

1. As suggested by the referee we have now added p values or mention (< p or >p) for the significant or non significant differences.

Methods

1. As suggest by the referee we have now mentioned a kind of laboratory food we used in this work.

2. As suggest by the referee we have now added more information about the control site in the experimental group section.

3. As suggest by the referee we have now added more information about IL-1β at page 7 line 1-13.
Discussion

1. As suggest by the referee we have now changed gingival with gingival; periodontal with periodontal tissue; process (18) with process (18); ligation with ligation.; nitrosative stress” with nitrosative stress”.; In conclusion this with In conclusion, this

2. As suggest by the referee we now added new reference at page 16 line 3-4

3. As suggest by the referee we now deleted the sentence at page 16 line 1-4 from the bottom.

4. As suggest by the referee we now deleted the sentence at page 17 line 5-6.

5. As suggest by the referee we now added new reference at page 17 line 4

6. As suggest by the referee we now made change in the Figure 3, 3a1 and 3b1; in the figure 6 a; in the figure 7 a and b; 7 a1 and b1.

7. As suggest by the referee we explained, in the discussion section, why this study did not examined the effects of Hypericum perforatum on bacterial pathogens in the periodontium.

We strongly believe that the quality of our manuscript has substantially improved. We feel that we have addressed most of the queries raised by this referee and hope that the paper is now acceptable for publication in *BMC Complementary and Alternative Medicine*. 