Author's response to reviews

Title: In vitro metabolism studies of erythraline, the major spiroalkaloid from Erythrina verna

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Author's response to reviews:

Dear editor,

The revised version of our manuscript was submitted. All the editorial requirements suggested were done and we are presenting the changes and answers, as the following:

*For research carried out on animals we encourage all authors to comply with the "Animal Research: Reporting In Vivo Experiments" (ARRIVE) guidelines. Relevant information should be included in the appropriate section of the article as outlined in the guidelines, paying particular attention to the Methods section. In addition the full details of any ethical approval granted for the study should be included within the methods section including the name of the body which gave approval, with a reference number where appropriate.

Answer of authors: There are not experiments in vivo in the manuscript submitted. In addition, it is important to highlight that the pig cecum model experiments were conducted with intestinal part of these animals, which are obtained by commercial source and so they are the leftovers (junk) of the process. They animals are used to human diet consume.

*Abstract: please format your abstract according to the guidelines for authors <http://www.biomedcentral.com/info/ifora/abstracts>. Potential referees will be asked to review the manuscript having seen only the title and abstract, so it is important that these are both informative and concise.

Answer of authors: The abstract was rewritten.

*Please include details in your manuscript on any steps that were taken to identify and authenticate the plant material used in your study.

Answer of authors: The species Erythrina verna was acquired by a commercial
source, so we bought the plant material from a Brazilian company. This plant material is the same used by industries to produce medicines in Brazil and these phytomedicines are widely used in the therapeutic to treat anxiety disorders. So we did not identify the plant material and we relied on information provided by the company in a technical report, because we wanted to analyze the same material used in the production of herbal medicines used by the population. For this reason, we did not collect plant material in the nature and bought from a company.