

February 21, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: ESPS 7341 revised.doc).



**Title:** Bowman-Birk inhibitors from legumes as colorectal chemopreventive agents

**Author:** Alfonso Clemente, Maria del Carmen Arques

**Name of Journal:** *World Journal of Gastroenterology*

**ESPS Manuscript NO:** 7341

Dear editor,

Thank you for your letter and reviewers' comments on the above paper submitted for intended publication in **World Journal of Gastroenterology**. We appreciate the positive and constructive comments made by the reviewers that overall we feel do improve the manuscript. We have incorporated changes based on the reviewers' suggestions, which are all highlighted in the revised text. Below are our replies to the valuable comments from reviewers 1 and 2 and editorial office. We hope this revision is satisfactory and thank you for your assistance in dealing with our manuscript.

Yours sincerely,

Dr. Alfonso Clemente

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## **Editorial comments**

Author contributions and professional title of the corresponding author have been included.

Regarding the English language editing, as editorial board member I support such idea in order to improve the overall quality of the manuscript. However, in the case of manuscript 7341, I do not consider it strictly necessary. Although I am non-native speaker of English, I lived in UK for more than five years and I have written more than 80 manuscripts in relevant journals as Journal of Nutrition, British Journal of Nutrition and Molecular Nutrition and Food Research, among others.

## **Reviewer 02440197**

“More details on the therapeutic targets and action mechanism of BBI should be discussed”.

We agree with this pertinent comment. Unfortunately, it is clear that little information regarding the action mechanism of BBI proteins as therapeutic agents is currently available. We have carefully gone through this and consider that all relevant literature, when available, has been included in the text. Currently, our lab is focused on understanding the action mechanism of BBI as anti-carcinogenic and anti-inflammatory agents within the gastrointestinal tract by using a number of –omics platforms but also trying to identify serine proteases as potential therapeutic targets.

## **Reviewer 00068527**

In Page 2 Lines 2-4, the statement “BBI can survive both acidic conditions and the action of proteolytic enzymes within the stomach and small intestine, permitting physiologically relevant amounts to reach the large intestine where they may exert anti-carcinogenic and anti-inflammatory properties” was indeed not clear enough and has been modified accordingly as follows: *BBI can resist both acidic conditions and the action of digestive enzymes, permitting significant amounts to reach the large intestine in active form.*

As requested, English grammar errors have been corrected throughout the text.