

April 18, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 9861-review.doc).

Title: The interplay between intestinal alkaline phosphatase, diet, gut microbes and immunity

Author: Daniella DeCoffe, Mehrbod Estaki and Deanna L. Gibson

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 9861

The manuscript has been improved according to the suggestions of the reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

(1) a) A section on inflammation, pH, ulcerative colitis and IAP has been added on **page 5 lines 17-22 under "IAP and chronic inflammatory diseases"** (see highlighted section).

b) A section about the IAP inhibitor was added on **page 6 lines 18-19 under "IAP, microbiota, and intestinal homeostasis"** (see highlighted section).

c) A section on administration of IAP to prevent digestion in the intestine was added on **page 8 lines 11-15 under "IAP as a therapeutic agent"** (see the highlighted section).

(2) No revisions requested.

(3) a) The abbreviation for "Inflammatory bowel disease" has been included in the **abstract on page 2 line 6**.

b) Reference No. 8 on **page 3** and reference No. 24 on **page 4** has updated formatting.

(4) a) A section has been added on **page 6 lines 30-31** in the section "**The interplay between Food and IAP**" regarding lipid absorption and IAP (see highlighted section).

b) A section has been added on **page 6 lines 11-14** in the paragraph "**IAP, microbiota and intestinal homeostasis**" regarding IAP regulation of pH (see highlighted section).

c) A section on RvE1 and omega-3 PUFA has been added on **page 4 line 32 and page 5 lines 1-5 under "IAP's role in regulating inflammation"** (see the highlighted section).

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'Deanna L. Gibson', with a stylized, flowing script.

Dr. Deanna L. Gibson (Assistant Professor)

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