

January 8, 2014

World Journal of Gastroenterology
Dear Editor,

Please find enclosed the edited manuscript in Word format (ESPS Manuscript
NO-7493-edited)

Title: Post-infectious Irritable Bowel Syndrome: Mechanistic insights into
chronic disturbances following enteric infection

Author: Jennifer Beatty, Amol Bhargava, Andre Buret

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 7484

This manuscript has been revised according to the suggestions of reviewers:

Reviewer 3:

a. The spelling of Pi-IBS was unified throughout the paper

Reviewer 1:

- a. IBS was defined according to the Rome III criteria in the introduction, and subtypes were mentioned.
- b. The definition of Pi-IBS was defined
- c. The incidence of Pi-IBS was defined
- d. Genetic factors contributing to IBS were mentioned in section 1.1 and highlighted mutations in genes responsible for epithelial and immunological functionalities.
- e. Recent findings regarding a link between depression and gastric hormone secretion in IBS patients was mentioned
- f. The relationship between increased mast cell numbers and increased serotonin was discussed, along with an expansion of the findings in reference 3 regarding duodenal mast cell infiltration. Suggested literature sources were consulted and included.
- g. Defects in serotonin turnover, due to inadequate SERT, was also mentioned.
- h. Potential contribution of psychological factors to IBS, and Pi-IBS development were expanded upon in the "Considerations" section, and suggested literature sources were consulted and included.

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

Sincerely,

A handwritten signature in black ink, appearing to be 'A. Buret', with a long horizontal stroke extending to the left.

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