

Format for ANSWERING REVIEWERS



January 21, 2013

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 7796-review.doc).

Title: A multispecies probiotic protects gut barrier function in experimental models

Author: Mylene Ndot-Vivinus, Cherryl Harkat, Hanene Bziouche, Christel Cartier, Raffaella Plichon-Dainese, Lara Moussa, Helene Eutamene, Dorsa Pishvaie, Sophie Holowacz, Christian Seyrig, Thierry Piche and Vassilia Theodorou.

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 7796

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

1 Format has been updated

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

Reviewer 1

(1) **The title** has been modified as suggested: A multispecies probiotic protects gut barrier function in experimental models

(2) **Abstract ad abbreviations:** LPS has been defined as suggested

(3) **Material and Methods:**

P7: "adding" instead of "addins"

P13: "Bonferroni" instead of "Bonferronni"

(4) **Results:** p15 one of the two consecutive LT has been deleted

(5) **Discussion:**

P18: The following sentence "Co-incubation of colonic biopsy conditioned medium (IBS-CM) with T84 monolayers resulted as expected to a significant increase of T84 cells permeability and this effect was prevented **in a significant way** in presence of LT." has been modified as suggested.

Reviewer 2

(6) The two references of reviews quoted by the reviewer have been added to the introduction as ref 3 and 4.

(7) **Section: Expression of the junction proteins ZO-1 and occludin was increased in T84 monolayers cultured with LT:** experimental details already described in Material and Methods section have been removed as suggested.

(8) **Section: LT inhibits the augmentation of permeability induced in T84 confluent monolayers by IBS colonic biopsy conditioned medium.** Citations of previous work have been removed as suggested and only new results are described.

(9) Figure legends have been shortened by removing experimental details already described in the Material and Methods section as suggested

(10) The quality of the figures has been improved.

3 References and typesetting were corrected

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

Sincerely yours,

Thierry PICHE, MD, PhD
Department of Gastroenterology
CHU de Nice
Hôpital l'Archet
Route Saint Antoine de Ginestiere
06200 - Nice
France
Fax: +33 492036075
E-mail: piche.t@chu-nice.fr