

Dear Professor Lian-Sheng Ma,

Thank you for the quick review of our manuscript (esps No: 3866).

Here are our comments to the reviewer:

Dear Reviewer,

Thank you very much for the extensive review and very useful comment on our manuscript.

According to your suggestion we completed our work.

We pay be very careful when using definition of "gain of function" or "loss of function".

Indeed, granulomatous colitis can occur in a number of primary immune-deficiencies mainly affecting innate immunity: in these cases, the inflammatory phenotype can be view as the compensatory response to a primary deficiency that lead to dysbiosis and abnormal persistence of bacterial products in epithelial cells and/or phagocytes.

All the corrections are indicated by yellow colour in the text.

Thank you again for the quick and useful revision.

We do hope that the changes in the text make our manuscript acceptable for publication.

We attached the revised manuscript to this email.

The original .ppt files of both figures (Figure 1 and 2) are also attached.

Yours Sincerely,

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