

Responses to the reviewer and editor comments

We wish to thank the editorial board and the reviewers for their overall positive tone regarding our manuscript. Specific answers to the reviewer and editor comments are given below.

Editor

In order to improve language quality, the manuscript has been carefully revised by our co-author Professor McCole, who is a native English speaker.

The conflict-of-interest statement is now included in the title page of the manuscript and the format of the title page has been adapted to the sample text.

Blank spaces between references and preceding words have been removed and all figure files are attached as PowerPoint slides.

Reviewer

1. The reviewer requested revision of the language in the document. Our co-author Prof. McCole – a native English speaker – thoroughly revised the text for grammatical and linguistic issues.
2. In the “PTPN2 controls adaptive immune functions” part, a section addressing PTPN2 in adaptive immune cells during intestinal inflammation has been added (pages 17-19) to emphasize the functional consequences of loss of PTPN2 in adaptive immunity during colitis. As in the conclusion part we mostly emphasize on the role of PTPN2 in innate and epithelial barrier functions, we do not think that the conclusions are overstated with respect to PTPN2 functions in adaptive immunity.