

## **ANSWER TO THE REVIEWERS**

**Name of journal:** World Journal of Gastroenterology

**ESPS manuscript NO:** 26342

**Title:** Pathophysiological role of guanylate binding proteins in gastrointestinal diseases

We would like to thank the reviewers for their fast and positive reports, as well as for their useful comments. We addressed all suggestions and our answers are listed below the reviewers' reports. In addition, the language of the manuscript has been revised (see language editing certificate), and CrossCheck analysis has been performed.

### **COMMENTS TO AUTHORS**

Congratulations on a well written, thorough review of the role of guanylate binding proteins in gastrointestinal pathology.

### **ANSWER:**

We thank the reviewer for this positive comment.

## **REVIEWER 2:**

### **COMMENTS TO AUTHORS**

Overall, this is a well-written, concise summary of the field. It is well organized and flows nicely. The figures nicely summarize the pathways without becoming too complicated. I have a few clerical suggestions for increased readability:

1. Manuscript page 2, line 1: Suggest inserting abbreviation "GBPs" immediately after first mention of "Guanylate-binding proteins".

**ANSWER: The abbreviation has been inserted according to the reviewer's suggestion.**

2. Review text for consistency of abbreviations. For instance, on manuscript page 2, line 17, "GBP1" is referenced, while throughout most of the manuscript it is listed as "GBP-1".

**ANSWER: The text has been proof-read for consistency of abbreviations and corrected accordingly.**

3. Manuscript page 4, line 28: Phrase reads: "...specimens of both active CD and IBD..." Was this supposed to mean "specimens of both active CD and UC..."?

**ANSWER: This error has been corrected and the text now reads as follows: "specimens of both active CD and UC".**

4. Manuscript page 5, line 4: Suggest spelling out "DSS" at first mention.

**ANSWER: The spelling of DSS "Dextran sulfate sodium" has been introduced in the manuscript (page 6, line 3 in the revised version of the manuscript ).**

5. Manuscript page 9, line 4: Suggest spelling out "ISGs" for readability.

**ANSWER: The change has been made according to the reviewer's suggestion.**

6. Copy edit references for consistent formatting. Some journal titles are listed by their full name (e.g. "World journal of gastroenterology" in reference 50), while others are listed by their NLM catalog abbreviation (e.g. "Mol Biol Cell" in reference 49). Also, some article titles are written in title case (e.g. "Integrative Analyses of Colorectal Cancer Show Immunoscore Is a Stronger Predictor of Patient Survival Than Microsatellite Instability" in reference 30), while most are in sentence case (e.g. "Role of cytokines in inflammatory bowel disease" in reference 39).

**ANSWER: References have been edited according to the reviewer's request. All articles are now written in sentence case and journals are listed by their NLM catalog abbreviation.**