

## PEER-REVIEW REPORT

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

**Manuscript NO:** 48174

**Title:** Mucosal healing progression after acute colitis in mice

**Reviewer's code:** 01434943

**Reviewer's country:** Australia

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-04-10 04:53

**Reviewer performed review:** 2019-04-10 05:27

**Review time:** 1 Hour

| SCIENTIFIC QUALITY                                     | LANGUAGE QUALITY   | CONCLUSION                                 | PEER-REVIEWER STATEMENTS                      |
|--|--|--|---|
| <input type="checkbox"/> Grade A: Excellent            | <input type="checkbox"/> Grade A: Priority publishing        | <input type="checkbox"/> Accept            | Peer-Review:                                  |
| <input checked="" type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language             | (High priority)                            | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good                 | polishing  | <input checked="" type="checkbox"/> Accept | <input type="checkbox"/> Onymous              |
| <input type="checkbox"/> Grade D: Fair                 | <input checked="" type="checkbox"/> Grade C: A great deal of | (General priority)                         | Peer-reviewer's expertise on the              |
| <input type="checkbox"/> Grade E: Do not               | language polishing   | <input type="checkbox"/> Minor revision    | topic of the manuscript:                      |
| publish  | <input type="checkbox"/> Grade D: Rejection                  | <input type="checkbox"/> Major revision    | <input checked="" type="checkbox"/> Advanced  |
|  |  | <input type="checkbox"/> Rejection         | <input type="checkbox"/> General              |
|  |  |  | <input type="checkbox"/> No expertise         |
|  |  |  | Conflicts-of-Interest:                        |
|  |  |  | <input type="checkbox"/> Yes                  |
|  |  |  | <input checked="" type="checkbox"/> No        |

### SPECIFIC COMMENTS TO AUTHORS

This is a well conducted and adequately powered mouse study describing the time-course in the resolving phase after DSS-colitis. The description is rather verbose and could be written in a more succinct and scientific way. English grammar requires attention throughout. ABSTRACT: line 56: 'colonic' line 60: a mouse model of... line



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62: How were mice 'given' DSS? line 67: reparatory line 74: a good example of verbosity: 'Similar to normal controls' INTRODUCTION: Logical and appropriate. Requires grammatical attention. METHODS: Appropriate. Well described. RESULTS: A good description. Dot-point format is unusual. Grammar requires attention. DISCUSSION: In the context of growth factors, some reference should be made to prior work on costimulatory molecules/CD-28 (Grose et al) and the impact of exogenous growth factors such as IGF-I on DSS-colitis (Xian-CJ and Read-LC). Should flow well after English grammar editing. Over-use of the word 'the' is distracting. eg sentence starting line 525. FIGURES and TABLES: Good

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 48174

**Title:** Mucosal healing progression after acute colitis in mice

**Reviewer's code:** 02456959

**Reviewer's country:** China

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-04-11 11:20

**Reviewer performed review:** 2019-04-13 03:38

**Review time:** 1 Day and 16 Hours

| SCIENTIFIC QUALITY                                | LANGUAGE QUALITY   | CONCLUSION   | PEER-REVIEWER STATEMENTS                     |
|---|--|--|--|
| <input type="checkbox"/> Grade A: Excellent       | <input type="checkbox"/> Grade A: Priority publishing        | <input type="checkbox"/> Accept                    | Peer-Review:                                 |
| <input type="checkbox"/> Grade B: Very good       | <input type="checkbox"/> Grade B: Minor language             | (High priority)                                    | <input type="checkbox"/> Anonymous           |
| <input type="checkbox"/> Grade C: Good            | polishing  | <input type="checkbox"/> Accept                    | <input type="checkbox"/> Onymous             |
| <input checked="" type="checkbox"/> Grade D: Fair | <input checked="" type="checkbox"/> Grade C: A great deal of | (General priority)                                 | Peer-reviewer's expertise on the             |
| <input type="checkbox"/> Grade E: Do not          | language polishing   | <input type="checkbox"/> Minor revision            | topic of the manuscript:                     |
| publish   | <input type="checkbox"/> Grade D: Rejection                  | <input checked="" type="checkbox"/> Major revision | <input checked="" type="checkbox"/> Advanced |
|   |  | <input type="checkbox"/> Rejection                 | <input type="checkbox"/> General             |
|   |  |  | <input type="checkbox"/> No expertise        |
|   |  |  | Conflicts-of-Interest:                       |
|   |  |  | <input type="checkbox"/> Yes                 |
|   |  |  | <input checked="" type="checkbox"/> No       |

### SPECIFIC COMMENTS TO AUTHORS

Vidal-Lletjós et al (Manuscript Number: 48174) reported the "Mucosal healing progression after acute colitis in mice". Their finding is interesting. Their work further confirms the conclusions of previous studies, and set up a mouse model of inflammatory bowel diseases (IBD). However, there are several weaknesses in this work, which should



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be revised. 1. The quality of logic and presentation of the key idea is not very good, and this manuscript must be copyedited by native-English speakers before resubmit it. 2. On the section of Materials and Methods, the control groups must match the experimental groups one-to-one (day 0, day 5, day 7, day 10, day 13, and day 28). Results should be expressed as means  $\pm$  SD (not SEM). "All analysis were performed...." should be replaced by "All analysis was performed..." or "All analyses were performed...". 3. On the section of Results, Please delete the redundancy sentences when the tables or figures have clearly showed the same information. Please describe the specific statistical analysis values in the tables or figures, do not use p less than 0.05 to replace them. 4. On the section of Discussion, the main findings, limitations, and authors' recommendations should be present more clearly and comprehensively. 5. The Table, Figure, Reference, and special symbols must fit the journal's requirements or format.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

### *BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 48174

**Title:** Mucosal healing progression after acute colitis in mice

**Reviewer's code:** 00676138

**Reviewer's country:** Brazil

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-04-14 20:10

**Reviewer performed review:** 2019-04-14 20:20

**Review time:** 1 Hour

| SCIENTIFIC QUALITY                          | LANGUAGE QUALITY                                      | CONCLUSION                              | PEER-REVIEWER STATEMENTS              |
|---|---|---|---------------------------------------|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept         | Peer-Review:                          |
| <input type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language      | (High priority)                         | <input type="checkbox"/> Anonymous    |
| <input type="checkbox"/> Grade C: Good      | polishing   | <input type="checkbox"/> Accept         | <input type="checkbox"/> Onymous      |
| <input type="checkbox"/> Grade D: Fair      | <input type="checkbox"/> Grade C: A great deal of     | (General priority)                      | Peer-reviewer's expertise on the      |
| <input type="checkbox"/> Grade E: Do not    | language polishing                                    | <input type="checkbox"/> Minor revision | topic of the manuscript:              |
| publish                                     | <input type="checkbox"/> Grade D: Rejection           | <input type="checkbox"/> Major revision | <input type="checkbox"/> Advanced     |
|   |   | <input type="checkbox"/> Rejection      | <input type="checkbox"/> General      |
|   |   |   | <input type="checkbox"/> No expertise |
|   |   |   | Conflicts-of-Interest:                |
|   |   |   | <input type="checkbox"/> Yes          |
|   |   |   | <input type="checkbox"/> No           |

### SPECIFIC COMMENTS TO AUTHORS

The authors have performed an interesting analyses of intestine inflammation and resolution. The gathered data are cohesive and dense, although some of them could be done at protein levels and with image. Nevertheless, the set of data fulfill a nice history and the conclusions are in accordance.



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## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

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- ☐ Plagiarism
- ☐ No

### *BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 48174

**Title:** Mucosal healing progression after acute colitis in mice

**Reviewer's code:** 02441305

**Reviewer's country:** China

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-04-10 06:03

**Reviewer performed review:** 2019-04-15 09:04

**Review time:** 5 Days and 3 Hours

| SCIENTIFIC QUALITY                          | LANGUAGE QUALITY                                      | CONCLUSION                              | PEER-REVIEWER STATEMENTS              |
|---|---|---|---------------------------------------|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept         | Peer-Review:                          |
| <input type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language      | (High priority)                         | <input type="checkbox"/> Anonymous    |
| <input type="checkbox"/> Grade C: Good      | polishing   | <input type="checkbox"/> Accept         | <input type="checkbox"/> Onymous      |
| <input type="checkbox"/> Grade D: Fair      | <input type="checkbox"/> Grade C: A great deal of     | (General priority)                      | Peer-reviewer's expertise on the      |
| <input type="checkbox"/> Grade E: Do not    | language polishing                                    | <input type="checkbox"/> Minor revision | topic of the manuscript:              |
| publish                                     | <input type="checkbox"/> Grade D: Rejection           | <input type="checkbox"/> Major revision | <input type="checkbox"/> Advanced     |
|   |   | <input type="checkbox"/> Rejection      | <input type="checkbox"/> General      |
|   |   |   | <input type="checkbox"/> No expertise |
|   |   |   | Conflicts-of-Interest:                |
|   |   |   | <input type="checkbox"/> Yes          |
|   |   |   | <input type="checkbox"/> No           |

## SPECIFIC COMMENTS TO AUTHORS

The paper studied the kinetics of molecular and cellular events in association with mucosal adherent microbiota modifications involved in epithelial repair after an acute colon inflammation induced by DSS administration. The research question, the originality, the methods used, the conclusions, and the writing are all sound. Line 167,



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FDA→FD4 ? Line 169-170, 'to evaluate the impact of diet on epithelial reparation kinetics', what does it mean?

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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- ☐ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No