

## PEER-REVIEW REPORT

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

**Manuscript NO:** 74896

**Title:** Patient-derived organoids for therapy personalization in inflammatory bowel diseases

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03727688

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Italy

**Manuscript submission date:** 2022-01-17

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-01-18 07:32

**Reviewer performed review:** 2022-01-19 07:43

**Review time:** 1 Day

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No
-------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### **SPECIFIC COMMENTS TO AUTHORS**

The title reflect the main subject of the manuscript. The abstract summarize and reflect the work described in the manuscript. The key words reflect the focus of the manuscript. The manuscript adequately describe the background, present status and significance of the study. But in some paragraphs, there are grammatical errors. Some sentences are not well expressed, and there are a few words misspelled.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 74896

**Title:** Patient-derived organoids for therapy personalization in inflammatory bowel diseases

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05775440

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Associate Research Scientist

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Italy

**Manuscript submission date:** 2022-01-17

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-01-18 01:50

**Reviewer performed review:** 2022-01-27 06:26

**Review time:** 9 Days and 4 Hours

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
-------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## SPECIFIC COMMENTS TO AUTHORS

1 Title. Does the title reflect the main subject/hypothesis of the manuscript? YES 2  
Abstract. Does the abstract summarize and reflect the work described in the manuscript?  
YES 3 Key words. Do the key words reflect the focus of the manuscript? YES 4  
Background. Does the manuscript adequately describe the background, present status  
and significance of the study? YES 5 Methods. Does the manuscript describe methods  
(e.g., experiments, data analysis, surveys, and clinical trials, etc.) in adequate detail? YES  
6 Results. Are the research objectives achieved by the experiments used in this study?  
What are the contributions that the study has made for research progress in this field?  
YES This review gives us a comprehensive description of the application of intestinal  
organoids for IBD therapy, especially the most significant advances in IBD research.  
From this review, we can know that intestinal organoids contribute the IBD-related  
research, such as the genetic/epigenetic regulation, the epithelial barrier, the immune  
cells, the relationship between IECs and microbiota, even the therapeutic targets and  
approaches for IBD. 7 Discussion. Does the manuscript interpret the findings  
adequately and appropriately, highlighting the key points concisely, clearly and  
logically? Are the findings and their applicability/relevance to the literature stated in a  
clear and definite manner? Is the discussion accurate and does it discuss the paper's  
scientific significance and/or relevance to clinical practice sufficiently? YES, YES, YES  
8 Illustrations and tables. Are the figures, diagrams and tables sufficient, good quality  
and appropriately illustrative of the paper contents? Do figures require labeling with  
arrows, asterisks etc., better legends? YES 9 Biostatistics. Does the manuscript meet the  
requirements of biostatistics? YES 10 Units. Does the manuscript meet the



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

requirements of use of SI units? YES 11 References. Does the manuscript cite appropriately the latest, important and authoritative references in the introduction and discussion sections? Does the author self-cite, omit, incorrectly cite and/or over-cite references? YES, NO 12 Quality of manuscript organization and presentation. Is the manuscript well, concisely and coherently organized and presented? Is the style, language and grammar accurate and appropriate? YES 13 Research methods and reporting. Authors should have prepared their manuscripts according to manuscript type and the appropriate categories, as follows: (1) CARE Checklist (2013) - Case report; (2) CONSORT 2010 Statement - Clinical Trials study, Prospective study, Randomized Controlled trial, Randomized Clinical trial; (3) PRISMA 2009 Checklist - Evidence-Based Medicine, Systematic review, Meta-Analysis; (4) STROBE Statement - Case Control study, Observational study, Retrospective Cohort study; and (5) The ARRIVE Guidelines - Basic study. Did the author prepare the manuscript according to the appropriate research methods and reporting? YES 14 Ethics statements. For all manuscripts involving human studies and/or animal experiments, author(s) must submit the related formal ethics documents that were reviewed and approved by their local ethical review committee. Did the manuscript meet the requirements of ethics? YES