

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 56536

Title: Treatment Repurposing for Inflammatory Bowel Disease using Literature-Related Discovery and Innovation.

Reviewer's code: 04046744

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2020-05-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-06 13:16

Reviewer performed review: 2020-05-08 07:25

Review time: 1 Day and 18 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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 Grade E: Do not publish
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is a relatively cutting-edge paper. How can this paper ensure the comprehensiveness and feasibility of retrieval? And science and rationality? What do you think of the application prospect of probiotics / engineering bacteria / fecal bacteria transplantation technology in the field of IBD in the future?

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 56536

Title: Treatment Repurposing for Inflammatory Bowel Disease using Literature-Related Discovery and Innovation.

Reviewer's code: 00004011

Position: Associate Editor

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Greece

Author's Country/Territory: United States

Manuscript submission date: 2020-05-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-06 07:10

Reviewer performed review: 2020-05-09 10:34

Review time: 3 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	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

It is an interesting and well written manuscript

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 56536

Title: Treatment Repurposing for Inflammatory Bowel Disease using Literature-Related Discovery and Innovation.

Reviewer's code: 02519674

Position: Peer Reviewer

Academic degree: MD

Professional title: Postdoc

Reviewer's Country/Territory: Slovakia

Author's Country/Territory: United States

Manuscript submission date: 2020-05-05

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-06 09:13

Reviewer performed review: 2020-05-11 13:40

Review time: 5 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is a very interesting manuscript with original findings based on extensive literature search and analysis. The hypothesis of treatment repurposing and repositioning is scientifically valid and previously proved effective. The authors present a potent treatment repurposing engine applicable to IBD as well as virtually any other disease with overlapping pathogenesis. As such, the presented results could serve as a basis of future animal experiments and clinical studies in IBD, with the advantage of having been previously proved for safety in the literature. This concept is original and the work meets high methodological standards. The literature search mechanism includes extensive and comprehensive queries to retrieve the desired information. The results are appropriately summarized and the conclusion is clear. The study contributes to the problem of novel drug discovery, which is often obstructed by commercial interest of the companies. It also helps to search for novel candidate drugs without the need of time and resources-consuming research. The limitations include the fact that no further experimental work has been conducted based on the results of literature search, although it is clear that this was not the aim of the work. The authors have properly stated what are the next future directions and how the results can be exploited. The impact on basic and clinical science is unclear, but the potential is high.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 56536

Title: Treatment repurposing for inflammatory bowel disease using literature-related discovery and innovation

Reviewer's code: 00004011

Position: Associate Editor

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Greece

Author's Country/Territory: United States

Manuscript submission date: 2020-05-05

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-07-27 11:21

Reviewer performed review: 2020-07-27 18:40

Review time: 7 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	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 authors covered the revision issues.