

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 63117

Title: RAGE axis and COVID-19 in Inflammatory Bowel Diseases. A Dangerous Liaison?

Reviewer's code: 02520845

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: Chile

Manuscript submission date: 2021-01-24

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2021-01-25 11:53

Reviewer performed review: 2021-02-04 16:29

Review time: 10 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 Grade E: Do not publish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 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

ESPS Manuscript NO: 63117 Title: RAGE axis and COVID-19 in Inflammatory Bowel Diseases. A Dangerous Liaison? This review demonstrates an update in the risk and handling of SARS-CoV-2 infection in inflammatory bowel disease (IBD) focusing on the RAGE axis activation and cross-talk with the renin-angiotensin system. The authors systematically listed and described at first the RAGE axis and its activation in IBD, further they described the renin-angiotensin system and RAS imbalance and finally the RAGE axis activation and RAS imbalance in IBD patients with SARS-CoV-2. The review is readable and presentable. The text is accompanied by the appropriate figure which illustrates the proposed prone mechanism activated in IBD patients with COVID-19. In the reference list, recent researches are listed concerning this topic. In conclusion, this is a very interesting review which provides insight into the inflammatory response SARS-CoV-2 infection in IBD patients including the RAGE axis activation and cross-talk with the renin-angiotensin system. These findings could help in understanding the mechanism of adverse outcomes SARS-CoV-2 infection in IBD patients.