

## PEER-REVIEW REPORT

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

**Manuscript NO:** 58438

**Title:** Origin and genomic characteristics of SARS-CoV-2 and its interaction with AC Y receptors, focusing on gastrointestinal tract

**Reviewer's code:** 05418778

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2020-07-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-07-23 10:36

**Reviewer performed review:** 2020-07-30 09:32

**Review time:** 6 Days and 22 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<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



**Baishideng  
Publishing  
Group**

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

#### **SPECIFIC COMMENTS TO AUTHORS**

I suggest to publish the Mini-Review article after minor polishing Abstract and conclusion. Rich information, challenges & issue not much covered, language OK, reference OK, in short, original and up to the mark as a Mini-Review.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 58438

**Title:** Origin and genomic characteristics of SARS-CoV-2 and its interaction with AC Y receptors, focusing on gastrointestinal tract

**Reviewer's code:** 02441737

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Senior Scientist, Professor

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

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

**Manuscript submission date:** 2020-07-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-07-22 16:19

**Reviewer performed review:** 2020-08-04 02:07

**Review time:** 12 Days and 9 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<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



**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>

## **SPECIFIC COMMENTS TO AUTHORS**

Comments to the manuscript: The origin and genomic characteristics of SARS-CoV-2 and its interaction with ACE2 receptors, focusing on gastrointestinal tract, by the authors Galanopoulos M et al. The aim of this review was to analyze some key elements about the SARS-CoV-2 genome and its general characteristics, in addition to the role of ACE2 receptor in SARS-COV-2 replication and pathogenesis, especially in the GI tract. It is an article of great scientific interest due to the topicality of the subject, and due to its application to the problem experienced worldwide (Pandemic by COVID-19). Furthermore, the study of ACE2 receptor in SARS-COV-2 replication and pathogenesis, especially in the GI tract, makes it particularly original. Title: It is appropriate. Abstract: It is appropriate Background: The introduction is adequate and allows a proper understanding of the problem of study and the first-degree hypothesis (verification hypothesis). Methods and Results: Authors are recommended to present a clearer description of the following aspects: 1. The sources of information they used. 2. The inclusion and exclusion criteria of the scientific articles that were consulted to carry out this review. 3. The total number of articles that were consulted, and the number of articles that did not meet the inclusion criteria, and finally the number of articles on which they based the current review. Results Figure 2 is very interesting, although authors are recommended to make a clearer description of it in the section: Transmission of SARS-CoV-2 In the section on ACE2 and gastrointestinal lumen, authors are encouraged to submit more information (more scientific articles) on ACE2 expression in the epithelial cells of the gut for maintaining ecology of the gut microbiome.