



## PEER-REVIEW REPORT

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

**Manuscript NO:** 60856

**Title:** Lipidome is lipids regulator in gastrointestinal tract and it is a life collar in COVID-19: a review

**Reviewer's code:** 05432496

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Research Fellow

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

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

**Manuscript submission date:** 2020-11-16

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-11-16 13:45

**Reviewer performed review:** 2020-11-18 18:52

**Review time:** 2 Days and 5 Hours

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 Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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



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

The review article discusses the role of the lipidome on viral infections and COVID-19. The manuscript is well elaborated and discusses in-depth the role of the lipidome in know viral infections, immune response, and the possible roles of the lipidome on the SARS-CoV-2 immune response. Although the current knowledge about the topic (lipidome in COVID-19) is limited, the manuscript presents important considerations for the future. The only suggestion is carefully to revise the abbreviations on the text. For example, the use of IL6 but no interleukin (IL) is prior in the text (“...Viral inactivity is controlled by IL6 and IL1B”. On the last paragraph prior to the conclusion is a interleukin-1 (IL1) (“...respiratory function, except the expression in the interleukin-1 (IL1) path...”).



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

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**Academic degree:** PhD

**Professional title:** Research Fellow

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

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

**Manuscript submission date:** 2020-11-16

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2020-12-03 01:15

**Reviewer performed review:** 2020-12-03 01:30

**Review time:** 1 Hour

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

### SPECIFIC COMMENTS TO AUTHORS



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The author provided the required alterations on the manuscript.