

## PEER-REVIEW REPORT

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

**Manuscript NO:** 53881

**Title:** Therapeutic advances in non-alcoholic fatty liver disease with a microbiota-centered view

**Reviewer's code:** 02702057

**Position:** Editorial Board

**Academic degree:** BSc, MSc, PhD

**Professional title:** Associate Professor

**Reviewer's country:** Italy

**Author's country:** China

**Manuscript submission date:** 2019-12-31

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2019-12-31 12:42

**Reviewer performed review:** 2019-12-31 18:44

**Review time:** 6 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			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**

Manuscript titled "Therapeutic Advances in Non-alcoholic Fatty Liver Disease with a Microbiota-centered View" deals an important issue of NAFLD. In this review, the authors summarized the most recent advances in gut microbiota-targeted therapies against NAFLD, including antibiotics, probiotics, prebiotics, synbiotics, fecal microbiota transplantation, and the gut microbiota-derived components and metabolites. The work is great and complete. Moreover, there are some minor concerns that need to be addressed before recommending publication. Please stated better the aim of your study in the abstract and in the introduction section. Please specify the kind of review made (narrative, systematic, meta analyses and so on). The first paragraph of the introduction section is without adequate references, please provide to quote adequate reference as follow or other similar: Early effects of high-fat diet, extra-virgin olive oil and vitamin D in a sedentary rat model of non-alcoholic fatty liver disease. *Histol Histopathol.* 2018 Nov;33(11):1201-1213. doi: 10.14670/HH-18-008. Echocardiography and NAFLD (non-alcoholic fatty liver disease). *Int J Cardiol.* 2016 Oct 15;221:275-9. doi: 10.1016/j.ijcard.2016.06.180. 4Ps medicine of the fatty liver: the research model of predictive, preventive, personalized and participatory medicine-recommendations for facing obesity, fatty liver and fibrosis epidemics. *EPMA J.* 2014 Dec 7;5(1):21. doi: 10.1186/1878-5085-5-21. eCollection 2014. Review. Please improve the introduction section, it is too poor. Please add a sentence regarding Fatty liver disease, nutrition and lifestyle: Please quote adequate reference as follow or other similar: Fatty liver disease and lifestyle in youngsters: diet, food intake frequency, exercise, sleep shortage and fashion. *Liver Int.* 2016 Mar;36(3):427-33. Nonalcoholic fatty liver disease (NAFLD) prevention: role of Mediterranean diet and physical activity. *Hepatobiliary Surg Nutr.* 2019 Apr;8(2):167-169. doi: 10.21037/hbsn.2018.12.05. Comments to authors:



**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

Regarding the additional references suggested by me, please feel free to add only those that you deem appropriate in the context of your work. It is by no means mandatory to include these references for the revision to be reconsidered for publication. This is only a suggestion to improve the paper.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 53881

**Title:** Therapeutic advances in non-alcoholic fatty liver disease with a microbiota-centered view

**Reviewer's code:** 01806467

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

**Reviewer's country:** South Korea

**Author's country:** China

**Manuscript submission date:** 2019-12-31

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-01-02 09:29

**Reviewer performed review:** 2020-01-06 07:17

**Review time:** 3 Days and 21 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			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**

Minor Comments: 1) Description of the association between the pathogenesis of NAFLD and gut microbiota is lacking. I recommend to the authors to briefly summarize the mechanism of gut microbiota (in immune point and metabolite point) on the pathogenesis of NAFLD between the “introduction” and “antibiotics” section. 2) More than 130 clinical studies are currently ongoing targeting NAFLD. Among these, I would like to recommend the authors to organize the clinical research (centered on phase 2 or phase 3) that targets the gut microbiota into a new table other than FMT.

## **INITIAL REVIEW OF THE MANUSCRIPT**

### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No