

## PEER-REVIEW REPORT

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

**Manuscript NO:** 54329

**Title:** Metabolic inflammation as an instigator of fibrosis during non-alcoholic fatty liver disease

**Reviewer's code:** 04091933

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Senior Researcher

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

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

**Manuscript submission date:** 2020-01-20

**Reviewer chosen by:** Ruo-Yu Ma

**Reviewer accepted review:** 2020-02-26 06:14

**Reviewer performed review:** 2020-03-06 20:21

**Review time:** 9 Days and 14 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

## **SPECIFIC COMMENTS TO AUTHORS**

The review is highly relevant as the incidence and prevalence of NAFLD continues to grow worldwide. The abstract summarizes and reflects the review described in the manuscript. The authors reasonably cite the latest and relevant references. Self-citation was appropriate ( $\approx 5\%$ ). The review can certainly be published in the WJG, but a minor revision is required. First, despite the presence of Figure 1 (Innate immune pathways and mediators involved in the development of liver fibrosis during NAFLD), it is desirable to summarize all described pathways and mediators involved in the development of liver fibrosis during NAFLD in a table, which will make the review more understandable and readable. The link to Figure 1 should be in the text. 2. Although the authors give the correct definition of NAFLD, hereinafter such phrases as “the progression of NAFLD into NASH or cirrhosis”, for example, are found. It may be misleading that NAFLD is steatosis only. Such phrases should be replaced, for example, by “the progression of steatosis into NASH...”. 3. In addition, I would recommend a brief overview of the metabolic interaction of gut microbiota and the liver, discussing some microbial metabolites in the context of their association with NAFLD and its progression. 4. I also propose concretizing the title of the article, for example, “Metabolic inflammation as an instigator of fibrosis during non-alcoholic fatty liver disease”.

## **INITIAL REVIEW OF THE MANUSCRIPT**

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

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



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## PEER-REVIEW REPORT

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

**Manuscript NO:** 54329

**Title:** Metabolic inflammation as an instigator of fibrosis during non-alcoholic fatty liver disease

**Reviewer's code:** 02860849

**Position:** Peer Reviewer

**Academic degree:** DSc, MD, PhD

**Professional title:** Assistant Professor, Research Scientist

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

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

**Manuscript submission date:** 2020-01-20

**Reviewer chosen by:** Jie Wang

**Reviewer accepted review:** 2020-03-15 16:32

**Reviewer performed review:** 2020-03-17 02:01

**Review time:** 1 Day and 9 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 checked="" 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 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



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

This manuscript has a quite good quality, it is interesting and summarizes an important information about role of inflammation and some principal molecules in hepatic fibrosis development. Paper could be published after correction of some typos and language mistakes.

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

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

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- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 54329

**Title:** Metabolic inflammation as an instigator of fibrosis during non-alcoholic fatty liver disease

**Reviewer's code:** 03024603

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2020-01-20

**Reviewer chosen by:** Jie Wang

**Reviewer accepted review:** 2020-03-12 09:34

**Reviewer performed review:** 2020-03-25 10:01

**Review time:** 13 Days

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 checked="" 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 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



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

I revised the manuscript entitled "Metabolic inflammation as an instigator of fibrosis in the liver" The manuscript is well written and interesting. It discusses an important issue regarding the progression of NAFLD into NASH. I recommend its publication as it is.

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

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

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- ☐ No

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

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- ☐ No