

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53933

Title: Determining the role for uric acid in non-alcoholic steatohepatitis development and the utility of urate metabolites in diagnosis: An opinion review

Reviewer's code: 00007076

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Director, Full Professor, Senior Scientist

Reviewer's Country/Territory: Italy

Author's Country/Territory: United Kingdom

Manuscript submission date: 2019-12-31

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-14 09:26

Reviewer performed review: 2020-02-19 11:16

Review time: 5 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept	Peer-Review:
<input 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 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
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

This is a well-written review article addressing the potential role of uric acid in NAFLD and NASH. Since the issue of “fatty liver” is booming and the burden for the health system is very consistent, the possibility to have a reliable, inexpensive and easy to access biomarker as US would have been a major breakthrough. Unfortunately and as well described in the review this is not the case. While the overall level of the review is very good, the portion dealing with the basic data is much better structured than the second, clinically-oriented part. It would be better to focus the para “Evidence on NAFLF” by adding to the list of the studies a critical evaluation of what each study suggested. The portion on lean-NAFLD needs to be improved by indicating the limits of the large studies reported.

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: 53933

Title: Determining the role for uric acid in non-alcoholic steatohepatitis development and the utility of urate metabolites in diagnosis: An opinion review

Reviewer's code: 00227403

Position: Editorial Board

Academic degree: MD

Professional title: Chief Doctor, Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: United Kingdom

Manuscript submission date: 2019-12-31

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-22 14:34

Reviewer performed review: 2020-02-22 18:04

Review time: 3 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 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 checked="" 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 checked="" type="checkbox"/> Rejection	<input type="checkbox"/> General
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			Conflicts-of-Interest:
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SPECIFIC COMMENTS TO AUTHORS

In this review/personal opinion the authors discussed on the potential relationship between uric acid and NASH. Reading carefully this work and reading part of the works cited in this review it appears that uric acid is only a component (among others) of NASH but it does not influence disease progression, it does not help in clinical management and it has not a significant relevance in therapeutic approach of NASH. Hence, to report a personal opinion on this association is not relevant in literature.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- ☐ No

BPG Search:

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53933

Title: Determining the role for uric acid in non-alcoholic steatohepatitis development and the utility of urate metabolites in diagnosis: An opinion review

Reviewer's code: 00070897

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United Kingdom

Manuscript submission date: 2019-12-31

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-23 02:33

Reviewer performed review: 2020-02-23 04:25

Review time: 1 Hour

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:
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SPECIFIC COMMENTS TO AUTHORS

The authors reviewed the proposed role of uric acid in the pathogenesis of non-alcoholic steatohepatitis development and the utility of urate metabolites in diagnosis in open way, it is helpful for further investigation the relationship between uric acid and nonalcoholic fatty liver disease.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

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- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53933

Title: Determining the role for uric acid in non-alcoholic steatohepatitis development and the utility of urate metabolites in diagnosis: An opinion review

Reviewer's code: 01436308

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United Kingdom

Manuscript submission date: 2019-12-31

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-22 15:15

Reviewer performed review: 2020-02-24 05:53

Review time: 1 Day 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
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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

SPECIFIC COMMENTS TO AUTHORS

The authors reviewed the role of uric acid in the development and diagnosis of NALFD. The topic is important and interesting, and the manuscript is well-organized. My comments are listed below. 1. All the abbreviations should be defined accurately at their first instance. 2. “elevated uric in those with NAFLD”: did the authors mean “uric acid is elevated in those with NAFLD” in the abstract? 3. “an antioxidant and NOX inhibitor (figure 1A) or by silencing NOX4 (figure 1B)”: The figure is not provided by the authors. 4. The expression of “in Hong-Kong (19.3%) and other Asian-Pacific countries ...” is inappropriate. The authors are advised to express this as follow: “in Hong-Kong, China (19.3%) and other Asian-Pacific countries or regions ...”. 5. Please review all references to make sure they are complete and comply with the World Journal of Gastroenterology requirements.

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53933

Title: Determining the role for uric acid in non-alcoholic steatohepatitis development and the utility of urate metabolites in diagnosis: An opinion review

Reviewer's code: 01555255

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: United Kingdom

Manuscript submission date: 2019-12-31

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-24 19:03

Reviewer performed review: 2020-02-24 19:10

Review time: 1 Hour

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:
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SPECIFIC COMMENTS TO AUTHORS

- Introduction section: i suggest to report prevalence of high blood level of uric acid in NAFLD patients and the role of diet (PMID:30033779) - Discussion section: i suggest to briefly report the treatment options for this condition associated to NAFLD - Figure: a figure that summarize the pathogenetic role of uric acid can be useful - Presentation: the text's style is not in line with the guidelines of the journal. Please revise it

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