

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 50536

Title: Metabolic Syndrome attenuates Ulcerative Colitis: correlation with IL-10 and Galectin-3 expression

Reviewer's code: 01557050

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's country: Japan

Author's country: Serbia

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-07-26 05:51

Reviewer performed review: 2019-08-02 15:00

Review time: 7 Days and 9 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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 checked="" 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

1) General comments Dr. Jovanovic and Dr. Markovic, et al. investigated 'Metabolic syndrome attenuates ulcerative colitis: correlation with IL-10 and Galectin-3 expression' The article is informative and well presentation. The reviewer has some comments. Comments 1. The authors described clinically and histologically milder disease with MetS in UC. Then, cytokine levels were different between with and without MetS in UC. The reviewer would like to know serum levels of cytokines or fecal levels of Galectin-3 between with and without MetS in especially same clinical, endoscopic or histological activity index or scores in UC. Then, we know the correlation between UC and cytokine levels with or without MetS. The authors should calculate serum cytokine levels and fecal Galectin-3 levels in the same clinical, endoscopic or histological index or scores with and without MetS in UC.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 50536

Title: Metabolic Syndrome attenuates Ulcerative Colitis: correlation with IL-10 and Galectin-3 expression

Reviewer's code: 02964460

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's country: Spain

Author's country: Serbia

Reviewer chosen by: Ruo-Yu Ma

Reviewer accepted review: 2019-08-19 08:31

Reviewer performed review: 2019-08-23 15:46

Review time: 4 Days and 7 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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 checked="" 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

This is an interesting article about the influence of the metabolic syndrome on the severity of ulcerative colitis. To evaluate this possible association, the authors analyze the fecal and serum cytokines levels, as well as the colon infiltrating cells. Their main conclusion is that local dominance of Gal-3 and IL-10 over pro-inflammatory mediators in patients with metabolic syndrome may present a mechanism for limiting the inflammatory process and subsequent tissue damage in ulcerative colitis. - Title: It is adequate - Introduction: It is interesting and easy to read. - M&M: In this section the authors have included aspects that should appear in the section of results (i.e. Laboratory findings and clinical features of all patients (52 male and 37 female) are presented in Table 1). Analyzing inflammatory parameters would have been desirable to include references to smoking (is it possible?). Did anyone receive statins? - Results: In this section the authors have included aspects that should appear in the section of M&M (i.e. according to these criteria, for the diagnosis of the metabolic syndrome, it is necessary that patients have at least 3 of 5 disorders: disglycemia (fasting plasma glucose higher than 5.5 mM and/or 2h-post load plasma...). Because the authors have employed clinical, endoscopic and histological scores, these should be taken into account for analyzing at least the fecal and serum cytokines levels. - Discussion: It is not easy to read. The new discussion should include the data that have been previously requested - Bibliography: It is adequate - Figure/Graphics: Should be modified according to the previous suggestions.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism



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[Y] No

BPG Search:

[] The same title

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[] Plagiarism

[Y] No