

## PEER-REVIEW REPORT

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

**Manuscript NO:** 50734

**Title:** Circulating circRNA\_103516 is increased as a novel biomarker in adult inflammatory bowel disease

**Reviewer's code:** 02948419

**Position:** Peer Reviewer

**Academic degree:** MD, MSc, PhD

**Professional title:** Professor

**Reviewer's country:** Ukraine

**Author's country:** China

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-08-22 10:12

**Reviewer performed review:** 2019-08-22 12:05

**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:
<input type="checkbox"/> Grade B: Very good	<input checked="" 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 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

Authors reported good written paper with clear aim and interesting results. the main issue of the study was follow: IBD was well associated with increased circRNA\_103516 due to dysregulation in hsa-miR-19b-1-5p. Authors believe that circRNA\_103516 can be a diagnostic biomarker of IBD. Although this is good written paper I see that there are several items need to be explained. 1. Section "Introduction." Authors should give a little bit more evidence regarding molecular targets of circRNA\_103516 in IBD. 2. Flow chart with clear inclusion / non-inclusion criteria is required to be reported. 3. Section Ethical declaration needs to be moved onto separate paragraph and it should be extended. 4. More information regarding study medication is required. 5. Diagnostic accuracy, positive and negative predictive value, likelihood ratio should be calculated to discuss widely whether circRNA\_103516 has to be a diagnostic marker.

#### **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:** 50734

**Title:** Circulating circRNA\_103516 is increased as a novel biomarker in adult inflammatory bowel disease

**Reviewer's code:** 00004011

**Position:** Associate Editor

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's country:** Greece

**Author's country:** China

**Reviewer chosen by:** Jin-Zhou Tang

**Reviewer accepted review:** 2019-08-26 08:56

**Reviewer performed review:** 2019-08-28 09:25

**Review time:** 2 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 type="checkbox"/> Grade B: Very good	<input checked="" 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 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

it is a well written paper, however a number of issues should be clarified: 1. It is not clear on the Introduction section why the authors focused on circRNA\_103516 and miE-19b-1-5p. They should give more information how they contribute to IBD 2. It is not clear if the patients had active or inactive disease and if there is a difference at the expression levels between active and inactive 3. It is not clear if the patients are naïve or under therapy since therapeutic approaches may influence the expression levels

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

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

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

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

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