

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 41763

Title: miRN Y5a-Cdc42 signaling pathway in pathogenesis of pediatric inflammatory bowel disease

Reviewer's code: 01220198

Reviewer's country: United Kingdom

Science editor: Ruo-Yu Ma

Date sent for review: 2018-09-04

Date reviewed: 2018-09-04

Review time: 12 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input checked="" 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 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

This is an excellent study with robust methodology and clear analysis . The results which while previously reported adds to the existing literature



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INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 41763

Title: miRN Y5a-Cdc42 signaling pathway in pathogenesis of pediatric inflammatory bowel disease

Reviewer's code: 01589311

Reviewer's country: Brazil

Science editor: Ruo-Yu Ma

Date sent for review: 2018-09-18

Date reviewed: 2018-09-20

Review time: 1 Day

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
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		<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

This study aimed to determine whether cell division cycle (Cdc)42 was regulated by miRNAs in pediatric inflammatory bowel disease (IBD) development. The investigators studied miR-15a-Cdc42 signaling in pediatric IBD, and found that miR-15a negatively



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regulated Cdc42 in IBD, both correlated with the severity of inflammation. Moreover, the study provides evidence that Cdc42 is the target gene of miR-15a, and this possibly provides an important clue for the understanding of IBD development. Specific comments to Authors: The study is interesting, focusing on a relevant subject for understanding mechanisms underlying intestinal inflammation. Figures are usually well prepared, and the quality of the immunofluorescence is good and mostly clear. Nevertheless, the text of the abstract presents some minor mistakes and is not quite clear. Moreover, the manuscript needs to be carefully revised for language mistakes and style.

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