

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 48448

Title: miRNA-451 Expression in Eutopic Endometrium Contributes to the Pathogenesis of Endometriosis through Modulation of Epithelial Cell Survival

Reviewer's code: 02440910

Reviewer's country: Brazil

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-06-24 01:23

Reviewer performed review: 2019-07-12 00:25

Review time: 17 Days and 23 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 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

Very interesting study. In this study, the authors evaluated the expression level and role of miR-451 in eutopic endometrium and then predicted possible targets of miR-451 and related signaling pathways. The miR-451 expression in cultured cell lines, and



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pathologic tissues from 40 patients with endometriosis and 20 donors with no history of endometriosis were evaluated. Ectopic overexpression of miR-451 in eutopic cells induced apoptosis and inhibited cell proliferation were found. Overall, the study is well designed and the manuscript is well written. Results are discussed well. And limitations were listed. The figures are very clear and in detail. The figure 4 B, and C should be improved. The words are too small. Some minor language polishing should be revised.

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 Clinical Cases

Manuscript NO: 48448

Title: miRNA-451 Expression in Eutopic Endometrium Contributes to the Pathogenesis of Endometriosis through Modulation of Epithelial Cell Survival

Reviewer's code: 01527248

Reviewer's country: United Kingdom

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-06-24 01:35

Reviewer performed review: 2019-07-12 01:19

Review time: 17 Days and 23 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 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 checked="" 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

SPECIFIC COMMENTS TO AUTHORS

Despite its high prevalence and incapacitating symptoms, the etiology of Endometriosis is not clear. In this study, the authors examined miR-451 expression in eutopic endometrium from women with and without Endometriosis and evaluated the role of



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miR-451 in cell proliferation. The study design is good. Methods are described in detail. Only the figures should be re-provided, words in the figures are too small.

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- ☐ No