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PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

Manuscript NO: 39479

Title: A Unique Interstitial miRNA Signature Drives Fibrosis in a Murine Model of ADPKD.

Reviewer's code: 00503014

Reviewer's country: Taiwan

Science editor: Li-Jun Cui

Date sent for review: 2018-04-23

Date reviewed: 2018-05-07

Review time: 14 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection	Peer-Review: [Y] Anonymous [ ] Onymous Peer-reviewer's expertise on the topic of the manuscript: [ ] Advanced [Y] General [ ] No expertise Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I would like to thanks for the opportunity to review the interesting article. In general, the draft had been written well. I have just minor comments for the authors: 1. Cyst volume could be related the renal function progression, beside fibrosis. Are there any

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correlation between miRNA and the cyst volume of the ADPKD? 2. The study needs positive control with fibrosis tissue, non-ADPKD, to clarify the specified expression of miRNA for the ADPKD fibrosis tissue.

INITIAL REVIEW OF THE MANUSCRIPT

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PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

Manuscript NO: 39479

Title: A Unique Interstitial miRNA Signature Drives Fibrosis in a Murine Model of ADPKD.

Reviewer's code: 02876552

Reviewer's country: Australia

Science editor: Li-Jun Cui

Date sent for review: 2018-04-23

Date reviewed: 2018-05-07

Review time: 14 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection	Peer-Review: [Y] Anonymous [ ] Onymous Peer-reviewer's expertise on the topic of the manuscript: [Y] Advanced [ ] General [ ] No expertise Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript describes the expression of miRNAs using both whole and focal renal tissue (acquired by LCM) in a hypomorphic model of ADPKD. The Introduction, Methods and Conclusions generally well written. The data in the Results are interesting

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for researchers in the field. Some minor suggestions for the authors to consider: - the description of the Results is very brief and could be improved - some brief justification for the sample size (n=3 at each timepoint) should be provided in the Methods (and if needed, a comment in the Discussion might be useful) - do the authors feel that data from whole kidney of wild-type mice is required? (if needed, a comment in the Discussion might be useful)

INITIAL REVIEW OF THE MANUSCRIPT

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[Y] No

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