

PEER-REVIEW REPORT

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Title: Everolimus halts hepatic cystogenesis in a rodent model of polycystic liver disease

Reviewer's code: 03656599

Reviewer's country: China

Science editor: Ze-Mao Gong

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

In this study, authors have shown that everolimus halts hepatic cystogenesis in a rodent model of polycystic liver disease. They have developed a MRI-based method for accurate determination of liver volume and investigated that everolimus halted cyst growth comparable to lanreotide and reduced the development of fibrosis, mTOR-inhibition should be further explored in PCLD patients especially those that need immunosuppression. The study has been well performed but I have major comments as mentioned below: 1.Liver fibrosis was detected by picrosirius red staining in this study. But loss of stress fibers should be shown using phalloidin/actin stress fiber and α -SMA staining. 2.The gene expression of SSTR2, SSTR5, mTOR and Rptor was analyzed by quantitative RT-PCR in this study. I think that protein expression of these genes should be shown using western blot. 3.Whether authors can add the clinical data of everolimus to this article in PCLD patients.