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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 32974

Title: The Effects and Mechanism of Adenovirus-Mediated PTEN Gene on Collagen Deposition in Rat Liver Fibrosis

Reviewer's code: 03305757

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 checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input checked="" 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	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

What was the point of setting up Ad-PTEN group (wild-type PTEN transfection) and Ad-G129E group (mutant PTEN transfection) simultaneously with there were no significant differences in both groups? Except ALT and AST, other relevant serum markers of liver fibrosis such us the procollagen III N-terminal peptide (PIIINP), collagen type IV, hyaluronic acid (HA), and laminin (LN) should also be detected in all groups at the same time to confirm the PTEN's protective effect, indicating that it can alleviate liver fibrosis of CCl4-induced rats. In addition, hydroxyproline is a major component of the protein collagen and plays a key role in collagen stability, thus hydroxyproline content could estimate the collagen amount in fibrotic livers and should be detected. Due to the great toxicity of CCl4, liver fibrosis in rats can lead to irreversible cirrhosis and thereby results in death with continuous administration. Were there animals died during the experimental period? If yes, how many? In view of the importance of mechanism, further information about signaling pathways and the



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relationship between them are needed in Introduction and Discussion section. The manuscript was not composed at a level that can be published. It needs to be edited to the native English level before it can be published.