PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 80576

Title: The role of noncoding RNAs in liver fibrosis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06275221

Position: Peer Reviewer

Academic degree: MD

Professional title: Director

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2022-10-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-04 20:38

Reviewer performed review: 2022-10-04 21:27

Review time: 1 Hour

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

| statements | Conflicts-of-Interest: [   ] Yes   [Y] No |

SPECIFIC COMMENTS TO AUTHORS

Great summary of current knowledge on various pathways of fibrosis, specially TGF-Beta. Also very analytic approach to possible use of the information in preventing liver fibrosis.

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

statements	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Liver fibrosis is a key link in the progression of liver cirrhosis and even liver cancer. Exploring early diagnostic markers and effective therapeutic targets of liver fibrosis is still a difficult problem in clinical practice. In this review, the authors discussed the role of noncoding RNAs (ncRNAs), including miRNAs, lncRNAs, and circRNAs, in regulating the signal pathways involved in the formation and regression of liver fibrosis. The authors have included non coding RNAs related to the regulation of liver fibrosis in recent years into this article to elaborate, with a broad and comprehensive view, so that readers can understand the value of ncRNA in liver fibrosis related research as a whole, especially its limitations, challenges and prospects in the diagnosis and treatment of liver fibrosis.