



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**Manuscript NO:** 56548

**Title:** A Review: Pathogenesis of Cholestatic Liver Diseases

**Reviewer's code:** 00742373

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** United States

**Manuscript submission date:** 2020-05-06

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-08 02:50

**Reviewer performed review:** 2020-05-09 03:06

**Review time:** 1 Day

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

The manuscript titled “A review: pathogenesis of cholestatic liver disease” discussed cholangiocyte biology and pathogenesis mechanism involved in the common four intrahepatic cholestatic liver disease. It reviewed and focused on the dysfunction of mitochondria, immunogenetic and epigenetic setpoints, and matrix re-arrangements and fibrogenesis in these diseases. It will reinforce the understanding of the core concepts of cholestatic liver disease pathogenesis which may impact clinical managements. CLD pathogenic features are unveiled, this review on the translational research achievement, especially on the relationship of FXR agonists, synthesis of FGF19 and metabolism expression and cell survivall, inhibitors of the FGF19/FGFR4 pathway, will helpful in the development for the treatment of cholestatic liver disease. In general, the topic is focusing on the common disease of CLD, the writing is organized very well, references are used updated, and the conclusion is helpful for clinicians. However, reviewer feel the discussion need to improve for more detail and combined with the translational use for the clinical practice.