

## PEER-REVIEW REPORT

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

**Manuscript NO:** 64970

**Title:** Liver and inflammatory bowel disease: a review

**Reviewer's code:** 05601692

**Position:** Peer Reviewer

**Academic degree:** BPharm, MS

**Professional title:** Academic Research, Pharmacist, Research Scientist, Senior Scientist, Teaching Assistant

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

**Author's Country/Territory:** Portugal

**Manuscript submission date:** 2021-02-25

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-03-29 16:15

**Reviewer performed review:** 2021-04-01 00:07

**Review time:** 2 Days and 7 Hours

<b>Scientific quality</b>	[ <input checked="" type="checkbox"/> ] Grade A: Excellent [ <input 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 ] Grade E: Do not publish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 checked="" type="checkbox"/> ] Grade A: Priority publishing [ <input 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 type="checkbox"/> ] Accept (General priority) [ <input checked="" 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**

Inflammatory bowel disease (IBD) is a term for two conditions (Crohn's disease and ulcerative colitis) that are characterized by chronic inflammation of the gastrointestinal (GI) tract. Prolonged inflammation results in damage to the GI tract. IBD arises due to a defective immune system, and in IBD, the immune system reacts incorrectly to the environmental triggers which causes inflammation in the GI tract. IBD patients exhibit several hepatic abnormalities, this includes liver and biliary track diseases. Common manifestations include fatty liver, and sclerosing cholangitis, however, IBD is also associated with cholelithiasis, granulomatous hepatitis, portal vein thrombosis, IgG4-related cholangiopathy, pyogenic liver abscess, hepatic amyloidosis and primary biliary cirrhosis. In this review paper, the authors have comprehensively reviewed the literature on IBD, symptoms of IBD, drugs that are used in the treatment of IBD and associated liver dysfunctions because of the drug toxicity. The sections on drugs used in IBD medications are extensively covered. Overall, this a very nicely written review paper. Comments: The quality of review will be significantly improved if the authors include a section on naturally available anti-inflammatory compounds with minimal side effects that have been suggested to improve the conditions of IBD in patients in-light of recent reports. In this context Kesharwani et.al demonstrated that curcumin local delivery to GI tract has the potential to treat IBD ( Site-directed non-covalent polymer-drug complexes for inflammatory bowel disease (IBD): Formulation development, characterization and pharmacological evaluation, J Control Release, 2018 Nov 28;290:165-179). The link to the paper is provided. <https://pubmed.ncbi.nlm.nih.gov/30142410/>. This reference along with other reports if available should be cited.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 64970

**Title:** Liver and inflammatory bowel disease: a review

**Reviewer's code:** 04737676

**Position:** Peer Reviewer

**Academic degree:** MBBS

**Professional title:** Assistant Professor

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

**Author's Country/Territory:** Portugal

**Manuscript submission date:** 2021-02-25

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-03-30 10:31

**Reviewer performed review:** 2021-04-02 09:17

**Review time:** 2 Days and 22 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 type="checkbox"/> Accept (General priority) <input checked="" 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**

In this review article on "Liver and inflammatory bowel disease: a review" authors nicely reviewed the hepatobiliary manifestations of IBD. This review will enhance the knowledge on liver manifestation of IBD. This manuscript needs some minor spelling and grammatical corrections.