

## PEER-REVIEW REPORT

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

**Manuscript NO:** 66640

**Title:** Effect of a specific E. coli Nissle 1917 strain on minimal/mild hepatic encephalopathy treatment

**Provenance and peer review:** Invited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03660289

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Surgeon

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

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

**Manuscript submission date:** 2021-03-31

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-05 08:11

**Reviewer performed review:** 2021-04-08 16:48

**Review time:** 3 Days and 8 Hours

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

In this prospective randomized study, the authors investigate the role of Escherichia coli Nissle 1917 in the treatment of hepatic encephalopathy. EcN was more effective than lactulose. The topic may be of interest and overall the manuscript is clear, well-structured, and well-written. I have the following issues: - The title and the abstract should state that the study was conducted on patients with minimal/mild HE. - In the Results the authors say that the baseline demographic and clinical characteristics did not significantly differ between groups. They should provide these data in a table. Please also include the etiology of cirrhosis. - The IRB approval and the informed consent should be accompanied by an English translation.