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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 90541

Title: Retrospective study of the incidence, risk factors, treatment outcomes of bacterial

infections at uncommon sites in cirrhotic patients

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05929462 Position: Peer Reviewer Academic degree: PhD

Professional title: Research Assistant Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Germany

Manuscript submission date: 2023-12-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-12-11 04:23

Reviewer performed review: 2023-12-17 01:49

Review time: 5 Days and 21 Hours

	[] Grade A: Excellent [Y] Grade B: Very good [] Grade C:
Scientific quality	Good
	[] Grade D: Fair [] Grade E: Do not publish
Novelty of this manuscript	[] Grade A: Excellent [Y] Grade B: Good [] Grade C: Fair [] Grade D: No novelty
Creativity or innovation of	[] Grade A: Excellent [Y] Grade B: Good [] Grade C: Fair
this manuscript	[] Grade D: No creativity or innovation



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Scientific significance of the conclusion in this manuscript	[] Grade A: Excellent [Y] Grade B: Good [] Grade C: Fair [] Grade D: No scientific significance
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) [] Accept (General priority) [Y] Minor revision [] Major revision [] Rejection
Re-review	[]Yes [Y]No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript entitled "Retrospective study of the incidence, risk factors, treatment outcomes of bacterial infections at uncommon sites in cirrhotic patients." identifies and reports typical and atypical bacterial infection in 488 cirrhosis patients. The below lists several suggestions that the authors may need to consider.

1. In Materials and methods section, how were Gram staining experiments performed? How were the bacterial taxa determined at species level?

2. Table 3 was not mentioned in the main text. Maybe the table number was wrongly mentioned. It's better to emphasize the bacterial taxa associated with atypical infection, which will be interesting to readers. And, are the identified bacterial taxa affected by (associated with) antibiotics used during treatment?

3. Is there any mechanism that can be proposed to explain bacterial taxa associated with typical and atypical bacterial infections?