

Answer to the reviewers

Dear reviewers, thank you for your comments. I am pleased to provide the answers below.

To Reviewer 1:

1. The possible mechanism for the prevalence of bacterial complications in patients with cirrhosis should be intensively discussed.

The exact mechanism for the development of bacterial complications is not yet known, and what is known was briefly discussed in the manuscript and highlighted.

2. Bacterial complications in cirrhotic patients with different etiology should also be compared.

There is a great deal of clinical evidence that the incidence and course of bacterial complications do not differ substantially between patients with different etiologies of liver cirrhosis. This statement was highlighted in the text. However, the incidence of bacterial complications is related to the severity of cirrhosis. The more advanced the cirrhosis, the higher the risk of bacterial complications.

To Reviewer 2:

1. Figures are recommended to illustrate the pathways and mechanisms of antibiotic resistance.

The illustration of antibiotic resistance pathways has been added to the text of the manuscript.

2. Are there clinical models to predict the presence of bacterial complications?

Thank you for raising the issue! There is no such model yet, but it would certainly be useful to have.