

The authors of the present submitted manuscript have systematically reviewed biological samples and collection methods used in digestive system microbiota research to inform future strategies. The samples include saliva, endoscopic biopsies, luminal mucosa, luminal fluid, feces, bile, and surgically excised tissues. However, certain aspects require further clarification.

Introduction:

The introduction should provide a more detailed explanation of the sampling methods, as this is the primary focus of the article. This will better prepare the audience to comprehend the subsequent material.

Method:

1. In the Method section, begin by outlining the study design section, including its goals. Additionally, mention the utilization of the PRISMA flowchart and provide the PROSPERO registration code ID.
2. When selecting a search strategy, it is advisable to explore Scopus and Cochrane. Also, expand your keyword selection to ensure comprehensive coverage of potential articles, such as including "biliary." Moreover, clearly outline your sampling method and integrate it with your microbiome-related keywords during the search process.
3. Your article appears to lack a quality assessment section despite concerns raised about research quality. How do you assess the studies included in your article? Do you utilize methods such as the Newcastle-Ottawa Scale?
4. The PRISMA chart should include unrelated articles, such as reviews and editorials, and indicate how many are in a language other than English. Additionally, please provide the rationale for excluding specific articles and summarize accurate statistics about the excluded studies. Your PRISMA chart requires improvement.

Results:

When presenting your findings, it would be beneficial to include a section with general information about your article. This section could categorize relevant information about the included studies. Indeed, it would also be helpful to summarize this information in a separate table, especially since this is a systematic review.

Discussion:

In the Discussion section, avoid resembling a conclusion. Instead, discuss the methods mentioned, outlining their advantages and disadvantages with appropriate references to support your points. It would be better to improve your discussion.