

ROUND 1

Answer to the Reviewer's comment

Specific Comments to Authors: The aim of the article entitled „Fusobacterium nucleatum infection is associated with decreased survival of Helicobacter pylori-positive gastric cancer patients” was to determine the impact of F. nucleatum on the process of gastric carcinogenesis and to determine the influence of this bacterium on the survival of patients infected with H. pylori. I believe that original articles of this type, which deal with the subject of the participation of microflora components in pro- or anti-tumorigenic processes, are very important.

Below I would like to present a list of amendments, the introduction of which, in my opinion, will improve the quality of the manuscript: -

1. I would strongly suggest that Fusobacterium is a component of the microflora and for this reason the Authors should change the term "infection" to "colonization" or other expression similar in meaning -> please change in all places in the article where this phrase is used

Answer: We have followed the instruction and change the wording throughout the manuscript.

2. “Fusobacterium nucleatum was frequently increased in the gastric cancer-associated microbiota ...” -> The increased amount of Fusobacterium nucleatum was more frequently detected in the gastric cancer-associated microbiota ...

Answer: We have followed the instruction and change the sentence.

3.“ It has been previously observed that the abundance of H. pylori in gastric cancer-associated microbiota frequently decreases” -> Some research articles indicate an increased amount, others a lower. Please add one-two sentences related to this topic and add more relevant references.

Answer: We have followed the instruction to revise the manuscript and add necessary references.

4.“ Genomic instability is likely mediated by the metabolites produced by F. nucleatum.” -> Please list the most important examples of these metabolites.

Answer: We have followed the instruction to revise the manuscript and add necessary references.

5.“ Detection of Fusobacterium DNA using polymerase chain reaction (PCR) facilitates screening of colorectal cancer by increasing the sensitivity of the standard fecal immunochemical test [9].” -> please delete the paragraph after this sentence (one-sentence paragraph does not look good, otherwise it links to the next one by topic)

Answer: We have followed the instruction to revise the paragraph.

6.“ In our previous metagenomic analysis, we discovered that F. nucleatum colonized and became enriched in gastric cancer-associated microbiota.” -> please add reference.

Answer: We have added the reference.

7.“ The clinical data confirmed that F. nucleatum infection is frequently observed in patients.” -> which type of patients? Please add.

Answer: We have rewritten the sentence and clearly indicates the gastric cancer patients and add necessary references.

8 In the two paragraphs starting with “The risk of F. nucleatum infection was ...” and ending with “... infection may adversely impact the treatment outcome.” there is a lack of references to statistics, please add “p value = ...” after different sentences.

Answer: We have added the p values to the end of sentences where statistical results are mentioned.

9. “F. nucleatum is a pathogen resident in oral microbiota.” -> F. nucleatum is an opportunistic pathogen residing mainly in oral cavity.

Answer: We have followed the instruction to rewritten the sentences.

10. “Other inflammatory pathogens, such as H. pylori ...” -> Other inflammation-inducing pathogens, such as H. pylori ...

Answer: We have followed the instruction to rewritten the sentences.

11. There are no references in the Discussion at all. Please add them in all relevant places, i.e., where the Authors refer to the data of other researchers.

Answer: We have followed the instruction to add necessary references.

ROUND 2

August 19, 2021

Dear Yung-Yu Hsieh,

Thank you for choosing American Journal Experts. This manuscript titled “Fusobacterium nucleatum colonization is associated with decreased survival of Helicobacter pylori-positive gastric cancer patients” is very interesting. The paper was edited for grammar, phrasing, and punctuation. In addition, many edits were made to further improve the flow and readability of the text. Below, we highlight the areas of this paper that we focused on in our edit.

Certain edits were made to remove redundant, repetitive or unnecessary phrasing and to present the information in a more straightforward manner.

In cases where the meaning of the text was not clear, revisions were made to convey the information with increased clarity and reduced ambiguity.

Some terms and phrases were changed to better reflect field-specific language and conventions.

Comments were left if further clarification would be helpful or confirmation of the meaning of the text was necessary. Please review these comments and all our changes carefully for more detailed suggestions, as well as to ensure that the final version of the manuscript is fully accurate.

Thank you again for using our editing services; we wish you the best of luck with your submission.

Best regards,

Alyson M.
Senior Editor
American Journal Experts