

Dear colleagues,

I am pleased to submit the revised version of the manuscript entitled “The immune pathway through endometriosis to ovarian cancer” (Manuscript NO.: 90870, Review) for consideration for publication in the *World Journal of Clinical Oncology*. Please allow me to express my sincere gratitude for your valuable and pertinent suggestions. We resolved all issues in the manuscript based on the peer review report and here we make a point-by-point response to each of the issues raised in the peer review report.

**Reviewer #1:**

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors:

The review manuscript provides a summary of the literature and interesting perspectives on immune dysregulation in endometriosis leading to ovarian cancer. The review is nicely written and would provide interesting insights for the scientific community. I think it could be acceptable in the current form. However, I would recommend changing the title to make it more meaningful. Also, the figure legends need defining all abbreviations. eg: ECC

**Reply:**

Dear Reviewer #1,

Thank you sincerely for taking the time to review the article. Your thoughtful feedback is greatly appreciated. We politely declined the suggestion to change the article's title and kept the original one. The title was carefully delimited in association with how the work was outlined and constructed, chosen to reflect the path from the immune response in endometriosis to ovarian cancer. As for the image captions, we have made the necessary adjustments based on your suggestion. We deeply value your feedback.

Sincerely,

Fabício Freire de Melo, Ph.D.

Adjunct Professor

Federal University of Bahia, Brazil