

# Response to reviewer comments

---

## SPECIFIC COMMENTS TO AUTHORS

The authors report data on FFAR2 and FFAR3 and cell proliferation in colorectal cancer cell lines. The topic is of interest. The manuscript requires extensive revision before publishing.

Reviewers Comments 1: The authors could try to simplify the manuscript (ex by simplifying sentences) and by focusing on the main original findings.

Response: The necessary changes have been made to simplify the manuscript

Reviewers Comments 2: The aims of the study (without methods or results) should be noted at the end of the Introduction.

Response: The aims of the study have been added at the end of the introduction and the changes highlighted.

Reviewers Comments 3: The authors should clearly note when referring to human colorectal tumours and normal tissues and when to cell lines.

Response: The necessary changes have been made throughout the manuscript

Reviewers Comments 4: Figure 5 could be mentioned before or in the beginning of the Conclusion. The figure could be briefly explained/described.

Reviewers Comments 5: The authors could also detail informations in the figure, for example note which cell lines, similar. The references' format should be revised (uniform format for all references, ex note page numbers).

Examples of words/phrases to revise "The site of this cancer is also the location for processing of food aided by the gut microbiota." "There is no definitive study" "While

some patients had reduced FFAR3 gene expression, collectively we did not observe"  
"All patients were consented before sample collection." for sample collection and use?  
"All ethical consent and permission were obtained as mentioned in our previous  
publication (23)." the permissions and consents were obtained according to the journal's  
guidelines? Standards accepted by F6Publishing? Other? "We also found to be slightly  
affected with 32% reduction in expression" "confirms its efficacy" confirmed the efficacy  
"especially in colorectal cancer where high fat diet has been strongly correlated."  
"Shown to mediate cancerous activity" "favourable molecules" "Using this data we  
interrogated the expression profile of short chain free fatty acid receptors." "Our data"  
our results? The results of this study? "We could not implicate FFAR2 and FFAR3 in  
glucose metabolism" "provide evidence to suggest" "Medical research centre" Medical  
research Centre

## **Response**

We would like to thank the reviewer for taking time to suggest changes in the manuscript. These suggestions have been very helpful. We agree with all the suggestions and have made necessary changes in the manuscript.