Author's response to reviews

Title: Salivary pellicles on titanium and their effect on metabolic activity in Streptococcus oralis.

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Author's response to reviews:

Dear Dr Foote,

Thank you for your mail regarding our manuscript MS: 7500766629541239 entitled

‘Salivary pellicles on titanium and their effect on metabolic activity in Streptococcus oralis’ by Marjan Dorkhan, Gunnel Svensäter and Julia R Davies. We thank the referees for their comments which we have now addressed as follows:

Reviewer 1
1. We have now added two sentences to the Discussion section stating the limitations of the study.
2. The Background has been condensed as requested.
3. We have clarified the origin of the fresh bacterial isolate used in the study.
4. We have inserted information regarding the ethical approval obtained for this study.

Reviewer 2
1. We have rechecked the grammar and made the appropriate changes.
2. We have revised the sentence in question to make clearer the link between microbial biofilms and peri-implantitis.
3. We have added details regarding the design of the flow-chamber model and explained the rationale for our choice of parameters.
4. We have made some changes to the Results section to avoid describing results presented in the Figures/Tables in such detail.
5. Since adhesins on S. oralis are poorly characterized, it was not possible for us to say to which salivary protein(s) the bacteria bound and thereby could be involved in mediating the effects on metabolic activity. We have therefore chosen not to speculate further on this matter since this will form the basis for future studies.
The changes we have made are highlighted in yellow. We hope that the manuscript will now be acceptable for publication in BMC Oral Health.

Best Wishes
Dr Julia R. Davies, Professor and co-authors.