

Subject: [BDS] Editor Decision

Dear Jessilene Ribeiro Rocha, Mila Roselaine Lima de Assunção, Talita Raquel Almeida Portella, Erika Sales Lopes, Gilvan Cortês Nascimento, Rossana Santiago de Sousa Azulay, Maria Carmen Fontoura da Cruz, Vandilson Rodrigues:

Your submission Distinct salivary cytokine signatures are associated with short- and long-term glycaemic markers in adults with type 2 diabetes to Brazilian Dental Science, has been revised and according to reviewers' comments, there are questions to be addressed and/or points to be clarified/corrected.

Please answer the reviewers considerations point-by-point in a separate document and also please make all the corrections in the text highlighted in yellow.

Deadline: 30 days

Thank you for considering Brazilian Dental Science for publishing your research. We are looking forward the revised version of you manuscript.

Sincerely,

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Reviewer A:

The manuscript addresses a relevant topic and presents interesting findings regarding the association between salivary cytokines and glycaemic markers in type 2 diabetes. The methodology is generally appropriate, and the manuscript is well structured. However, some issues should be addressed before publication.

Major comments:

- The sample size is relatively small, which may limit the generalizability of the findings.
- The absence of oral health and periodontal status assessment is an important limitation, since periodontal inflammation may influence salivary cytokine levels.

- The manuscript would benefit from clearer discussion regarding the clinical applicability of salivary cytokines as biomarkers for glycaemic control.

Minor comments:

- Some grammatical and stylistic revisions are recommended to improve language clarity and readability.

Recommendation: Minor Revision.

Recommendation: Revisions Required

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Reviewer C:

Dear authors:

Firstly, I would like to appreciate your work. The topic is clinically relevant and timely, addressing an important aspect of oral-systemic health. The study addresses an emerging topic in diabetes research by exploring saliva as a non-invasive source of inflammatory biomarkers and by investigating the relationship between salivary cytokine profiles and glycaemic control.

The manuscript has several strengths, including the simultaneous assessment of multiple cytokines using multiplex technology and the evaluation of both short-term (FBG) and long-term (HbA1c) glycaemic markers. The concept of using salivary inflammatory signatures as potential biomarkers for metabolic monitoring is innovative and of potential clinical importance.

However, several methodological and statistical concerns should be addressed before the manuscript can be considered for publication.

Recommendation: Revisions Required

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