Reviewer's report

Title: Immunomodulatory factors gene polymorphisms in chronic periodontitis: An Overview

Version: 2 Date: 31 Dec 2018

Reviewer: Vettriselvi Venkatesan

Reviewer's report:

Authors have complied the published works on various cytokine gene polymorphisms and CP, the paper has good data on various studies from different countries. Though the manuscript is well written it requires some minor corrections.

1. The title of the manuscript is cytokine gene polymorphism and the authors have included vitamin D receptor in the review, authors have to justify on what basis Vitamin D polymorphisms in included.

2. Line 31 - The sentences -" Polymorphisms have sophisticated relationships with each other" makes no meaning it can be deleted

3. Line 96 - "+2018" explain?

4. Line 98 - authors have mentioned ......d is in linkage disequilibrium with IL-1α+4845G/T polymorphism in exon 5 (more than 99%), there is no reference for more than 99%.

5. Through out the manuscript the authors have used the word carriage rate , does it mean frequency?

6. Line 147 - have an important effect on immunization nd must be considered can be deleted.

7. Line 160 - Explain - 174R allele

8. How the SNPs can change the signaling pathways of Wnt/b-catenin, p53 and JAK/STAT and induce CP, has to explained in detail. (Line 374)
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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