



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2015_BJAST_17520
Title of the Manuscript:	The Role of Reactive Oxygen Species in Initiation and Progression of Periodontal Diseases
Type of the Article	Review Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



SDI Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	1- In abstract section , Please provide the study design in terms , objective , materials ,results as well as conclusion. 2- This is a review article , Please mention in its introduction ,How you searched as well as where you searched for database? 3- Regarding Fig 1 , Please provide its citation . 4- Please , Provide schematic presentation of Production of ROS in the host defense system 5- Please , provide a table of ROS species 6- Please , provide a table of diseases associated with oxidative stress 7- Please , provide a table of ROS mechanisms in periodontal tissue destruction 8- Please , provide schematic presentation of ROS in periodontal disease 9- Please , Provide schematic presentation of Degradation of extracellular matrix components by ROS. 10- Please , Provide schematic presentation of Degradation of periodontal tissues components by ROS 11- Please , provide a table of antioxidants 12- In conclusion section , Please provide key message (s).	The Authors are acknowledging the reviewer concerns and comments, but, are disagreeing due to followings: <u>Answer for Comments 1 and 2</u> 1- The manuscript is a (Review Paper), we reviewed biological facts, processes and events of authors views published previously. In these views there were no results based averages or percentages as these views are biological processes. 2- We used Pubmed database <u>Answer for Comments 3 to 11</u> Although providing schematic presentation is a good idea, the information available in the text is clear and simple and easy to understand. <u>Answer for Comments 12</u> Conclusion section is already stating the message addressed to reader Thank you



SDI Review Form 1.6

<u>Minor</u> REVISION comments	In reference Section ,Please , explain why this reference not involved in this study : Dahiya P, Kamal R, Gupta R, Bhardwaj R, Chaudhary K, Kaur S. Reactive oxygen species in periodontitis. J Indian Soc Periodontol 2013;17:411-6	We missed this reputable reference, however the seventy five references we used are also highly reputable and mostly having impact factors
<u>Optional/General</u> comments	The study should provide a new scientific addition to the literature.	Yes, this is exactly one of our aims in publishing this Review Paper. The paper is explaining (to the reader) how the free radicals are affecting the mouth and gum condition.