



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_59765
Title of the Manuscript:	AN OBSERVATIONAL STUDY ON THE MODE OF ACTION OF FERULIC ACID ON COMMON DENTAL PATHOGENS - AN IN SILICO APPROACH
Type of the 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/journal/10/editorial-policy> )



**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b>Compulsory</b> REVISION comments</p>	<p>This manuscript observed the mode of action of ferulic acid in virulent proteins of <i>Porphyromonas gingivalis</i>, <i>Treponema denticola</i>, <i>Tannerella forsythia</i>, <i>Streptococcus mutans</i> and <i>Enterococcus faecalis</i> using in-silico tools and databases. The study was well designed and is a potential paper to be published, however I suggest some corrections to be considered. The considerations are below.</p> <p>This manuscript observed the mode of action of ferulic acid in virulent proteins of <i>Porphyromonas gingivalis</i>, <i>Treponema denticola</i>, <i>Tannerella forsythia</i>, <i>Streptococcus mutans</i> and <i>Enterococcus faecalis</i> using in-silico tools and databases. The study was well designed and is a potential paper to be published, however I suggest some corrections to be considered.</p> <p><b>INTRODUCTION</b></p> <p>Are there studies that have evaluated the mechanism of action of ferulic acid on oral pathogens in oral diseases?</p> <p>Is this study the first to perform this analysis on the groups of pathogens evaluated?</p> <p>I suggest the description of the results of other studies that evaluated the action of ferulic acid in oral pathogens, in the absence of studies to describe in this paragraph of the introduction.</p> <p><b>RESULTS AND DISCUSSION:</b></p> <p>On page 9, line 4, describes Inhibitory role of ferulic acids against microbes has already been documented in many studies (Kim et al., 2017). However, only one study is cited (Kim et al 2017), describing the other studies.</p> <p>In Figure 1, I suggest increasing the size of the images for better viewing and adding the figure legend.</p> <p>In Figure 2 does not include the images referring to the captions D and E. I suggest improving the resolution and size of the images.</p>	



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	<p><b>CONCLUSION:</b></p> <p>The conclusion must be rewritten, since it is an observational study, it is not possible to infer that ferulic acid promotes combat the infections of oral pathogens, it is necessary to carry out in vitro and in vivo studies to prove these results.</p> <p><b>REFERENCES</b></p> <p>The authors must include most current references in the manuscript.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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