

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Cardiology Research</a>
Manuscript Number:	Ms_AJCR_123690
Title of the Manuscript:	Assessment of Cardiovascular function in Periodontitis and Diabetes Mellitus induced Rats Treated with Black Seed Oil
Type of the Article	Original Research Article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1-reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1-reviewerhub.org/peer-review-comments-approval-policy/>

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This article is very important for the community because black seed oil is used in daily life worldwide, it is essential for scientist to explore, understand and provide clear effects of black seed oil. Examining how black seed oil affects cardiovascular health in relation to diabetes mellitus and periodontitis may lead to the discovery of novel, natural therapies that lower systemic inflammation, enhance cardiovascular outcomes, and provide fresh perspectives on the relationship between oral and systemic health.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is not suitable and can be modified to this: <b>Assessment of Cardiovascular function in Black Seed Oil-treated Rats with Diabetes Mellitus and Periodontitis</b>	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Some abbreviations are not consistent like NS and N. sativa are used alternatively for one meaning ( Nigella sativa) . Other abbreviations are not explained.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript is scientifically robust and technically sound because diabetes mellitus and periodontitis are two known risk factors for cardiovascular disease. Due to its active component, thymoquinone, black seed oil has gained widespread recognition for its immunomodulatory, antioxidant, and anti-inflammatory properties. Perhaps black seed oil could reduce the detrimental cardiovascular effects observed in patients with diabetes and periodontitis by lowering oxidative stress and systemic inflammation.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	Some more reference can be added in the discussion part, specifically the 2 <sup>nd</sup> and 3 <sup>rd</sup> paragraph.	
<b>Minor</b> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	The language should be improved and appropriate terms should be used for example used disease instead of illness.	
<b>Optional/General</b> comments	<p>Authors should correlate the objective in the abstract with the objective stated in the introduction of the manuscripts. Authors should choose to use the term "Black Seed Oil" or "Nigella sativa oil" either way one should be used. In the experimental animal the word" numbering 48" should be corrected and may use 48 adult Wistar rats were used.....</p> <p>In the discussion section the sentence The current study's <b>data</b> should be replaced by The current study's <b>result</b> because data and result are two different things.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<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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