

Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_85844
Title of the Manuscript:	In vitro study of Antioxidant, Anti-diabetic and Anti- atherosclerotic activity of Cold and Hot leaf extracts from Trigonella foenum gracecum. L
Type of the Article	Original Research 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:

(<https://journalijbcr.com/index.php/IJBCRR/editorial-policy>)

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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)
Compulsory REVISION comments	<p>The authors should revise their manuscript, including highlighted amendments, before considering it for publication.</p> <ul style="list-style-type: none"> ▪ Overall English language needs improvement. Authors are advised to polish the English language of the manuscript, considering the necessity of using capital letters and terms. ▪ It is advised to be consistent in writing units anti- or anti ...etc. ▪ (Re-write a concise and clear abstract) The authors should reconsider the clarity of the presentation of the results. e.g. Increased glucose level has a causal correlation with atherosclerotic changes in diabetic patients...was repeated. No necessary to mention the words ... in the ... studeis. ▪ In the INTRODUCTION, <ul style="list-style-type: none"> -It is advised to change the word antioxidants to phytochemicals components in Fenugreek also contain many important antioxidants... -The last paragraph should mention the objective and the rationals behind this study. ▪ In MATERIAL AND METHODS, written in an obvious way, BUT, it is advised to add some details): ▪ There are no more details about the use of fresh or dry <i>T. foenum</i> leaves in preparation, such as the herbarium voucher, facilities (model, company, country), filtration method, and rpm used in the study". ▪ Is there a reference for your method of preparation? Why did you use different preparation? How later in the results are you going to discuss them. ▪ I suggest mentioning the preparation of different % by moving "Phytochemical screening was carried out using 10% cold and hot extract of leaves." and "For quantitative analysis of bioactive molecule and in vitro studies 1% and 5% aqueous cold and hot extracts were used. " to Qualitative Analysis of bioactive molecules and Quantitative analysis of bioactive molecules, respectively. ▪ Be consistent with using SI units only in your manuscript. Use the form mL, µL ... (not ml, µl ... etc.) to specify content/weight/time. ▪ What is the source of blood serum used in the study? ▪ Results, all results ▪ In Table 2 and Fig 1, how do you correlate a higher scavenging percentage with 	

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	<p>the lower amount of total phenolic content and the presence of terpenoids in both 1% cold and 5% hot samples? Use this info to conclude your results.</p> <ul style="list-style-type: none">▪ Fig 2 needs to be improved.▪ Explain some similarities and differences from previous reports by adding updated new references to the discussion part.▪ References are outdated; the authors should update and re-arrange the citations accordingly.	
Minor REVISION comments	---	
Optional/General comments	---	

PART 2:

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

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