

Review Form 3

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_130826
Title of the Manuscript:	Comparative Assessment of Three Common Pepper Species on Plasma and Fecal Lipid Profile of High-fat Diet Fed Wistar Rats
Type of the Article	

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This manuscript is important for the scientific community as it provides valuable insights into the lipid-lowering potential of three common pepper species, contributing to the search for natural alternatives to conventional lipid-lowering drugs. By demonstrating that different pepper species have varying effects on plasma and fecal lipid profiles, this study offers a foundation for further research on dietary interventions for managing dyslipidemia. The findings could have significant implications for nutrition science, functional food development, and the prevention of cardiovascular diseases associated with high-fat diets. Additionally, understanding the mechanisms by which these peppers exert their lipid-lowering effects may lead to the development of optimized dietary strategies for individuals at risk of metabolic disorders	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title, "Comparative Assessment of Three Common Pepper Species on Plasma and Fecal Lipid Profile of High-fat Diet Fed Wistar Rats," effectively conveys the study's purpose but could be refined for better clarity and impact. It is somewhat lengthy and could be more concise while maintaining precision. "Comparative Effects of Three Pepper Species on Lipid Profiles in High-Fat Diet-Fed Wistar Rats"	
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.	The abstract is comprehensive but could benefit from improved readability, a clearer discussion of fecal lipid findings, and a stronger emphasis on clinical implications	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically valid in its methodology and findings .	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The manuscript includes up-to-date references that cover these topics	
Is the language/English quality of the article suitable for scholarly communications?	Yas	
Optional/General comments		

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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>	

Reviewer Details:

Name:	Fayrouz Alzobair Khalid
Department, University & Country	Omar El –Mukhtar University, Libya