

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 | Orginal 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 study highlights the therapeutic potential of different pepper varieties in improving lipid profiles in high-fat diet-fed rats. It offers valuable insights into using pepper as a natural complement to conventional lipid-lowering treatments while emphasizing the need for further research to understand mechanisms and optimize dosing. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title is clear and accurately reflects the study’s content; no changes are needed. | |
| 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, clearly summarizing the study's objectives, methodology, key findings, and conclusions. It provides sufficient detail about the comparative effects of pepper species on lipid profiles. However, it can be further improved by briefly mentioning the statistical significance of key results and highlighting any unexpected findings. No deletions are necessary, but a concise statement on the broader implications for human health would add value. | |
| Is the manuscript scientifically, correct? Please write here. | The manuscript is scientifically sound with a solid methodology, appropriate controls, and clear results supporting its conclusions. The findings align well with existing research on the lipid-lowering effects of peppers. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | The references are sufficient and include several recent studies, ensuring a solid scientific foundation for the manuscript. They cover key aspects of lipid metabolism, dietary interventions, and the bioactive properties of peppers. No additional references are necessary at this point. | |
| Is the language/English quality of the article suitable for scholarly communications? | English quality of the article is very good. | |
| Optional/General comments | | |

Review Form 3

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? | (If yes, Kindly please write down the ethical issues here in details) | |

Reviewer Details:

| | |
|----------------------------------|--------------------------|
| Name: | Sadoon Mohammed Abdullah |
| Department, University & Country | Iraq |