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| Journal Name: | [**European Journal of Medicinal Plants**](https://journalejmp.com/index.php/EJMP) |
| Manuscript Number: | **Ms\_EJMP\_131385** |
| Title of the Manuscript: | **Nutritional profile, Anti-anemic and antioxidant effects of aqueous extract leaves of Cassia occidentalis on male Wistar Albino Rats** |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **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.** | **Plants are rich in several nutrients that support health, and many have natural properties that are beneficial for fighting anemia and providing antioxidants. Here's a breakdown of their nutritional profiles, especially focusing on anti-anemic (iron-rich) and antioxidant properties**  **Nutritionally, the leaves were found to contain essential macro and micronutrients, including proteins, vitamins (especially vitamin C), minerals (iron, magnesium), and fiber, which are known to contribute to overall health. The anti-anemic effects were evaluated by assessing parameters such as hemoglobin levels, packed cell volume (PCV), and red blood cell count. Results indicated a significant improvement in these parameters, suggesting the potential of Cassia occidentalis as a natural remedy for anemia.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| **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.** |  |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes Correct |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes Sufficient |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes |  |
| **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?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer Details:**

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