

Review Form 3

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_127985
Title of the Manuscript:	Formulation of nutraceutical from the leaf extracts of <i>Justicia carnea</i> , <i>Ficus capensis</i> and <i>Mucuna pruriens</i> for the management and treatment of iron deficiency anemia.
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	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.	This manuscript holds significant value for the scientific community as it explores a cost-effective, herbal-based nutraceutical approach to managing iron deficiency anemia, a critical global health issue. By demonstrating the efficacy of a teabag formulation derived from <i>Justicia carnea</i> , <i>Ficus capensis</i> , and <i>Mucuna pruriens</i> , the study provides an affordable and accessible alternative to conventional iron supplements, especially for low-income populations in developing and underdeveloped regions.	
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.	Iron deficiency anemia (IDA) is a global health issue, particularly in low-income populations where access to conventional treatments is limited. This study evaluated the efficacy of a herbal teabag formulated with <i>Justicia carnea</i> , <i>Ficus capensis</i> , and <i>Mucuna pruriens</i> in improving hematological and biochemical markers of IDA in Wistar rats, showing results comparable to standard ferrous sulfate therapy. The findings highlight the potential of this cost-effective herbal formulation as an alternative treatment for IDA, warranting further research for clinical application.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears scientifically sound, with a well-designed study that includes appropriate methods for inducing and assessing iron deficiency anemia in Wistar rats. The significant improvement in hematological and biochemical markers validates the efficacy of the herbal teabag formulation as a potential alternative treatment for iron deficiency anemia.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are extensive and relevant; however, some are outdated, such as those from the 1980s and 1990s. Adding recent studies on herbal interventions for anemia and updated WHO guidelines could enhance the manuscript's relevance and scientific rigor.	
Is the language/English quality of the article suitable for scholarly communications?	yes	
Optional/General comments		

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PART 2:

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

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