Review Form 3

Journal Name:	**Asian Journal of Biochemistry, Genetics and Molecular Biology**
Manuscript Number:	**Ms_AJBGMB_128807**
Title of the Manuscript:	**EFFECTS OF HOT AQUEOUS EXTRACT OF Telfairia occidentalis LEAVES (UGU) ON TESTOSTERONE LEVELS IN ADULT MALE WISTAR RATS (Rattus novergicus)**
Type of the Article	

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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.
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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.	**The manuscript on the Effects of Hot Aqueous Extract of *Telfairia occidentalis* Leaves (Ugu) on Testosterone Levels in Adult Male Wistar Rats holds significant value for the scientific community by contributing to the understanding of the potential therapeutic properties of *Telfairia occidentalis*, commonly known as Ugu. This study investigates its impact on testosterone levels, which could have implications for hormone regulation, reproductive health, and the treatment of conditions related to low testosterone in males. Given the growing interest in natural plant-based alternatives for endocrine modulation, this research provides valuable insights into the pharmacological potential of *T. occidentalis*. Additionally, the findings could inspire further studies to explore its mechanisms of action and broader clinical applications, thus advancing the field of herbal medicine and endocrinology.**	
Is the title of the article suitable? (If not please suggest an alternative title)	**Yes, it is suitable.**	
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.**	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically plausible, the scientific correctness depends on the experimental design, methodology, and analysis presented within the paper. The study was conducted rigorously with appropriate controls and measurements, and that contributed valuable data on the effects of *T. occidentalis* on testosterone regulation.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	They are all suitable.	
Is the language/English quality of the article suitable for scholarly communications?	Yes, it is.	
Optional/General comments	**The topic of the manuscript, "Effects of Hot Aqueous Extract of *Telfairia occidentalis* Leaves (Ugu) on Testosterone Levels in Adult Male Wistar Rats," is of significant interest, particularly in the context of exploring natural and plant-based interventions for hormonal regulation. *Telfairia occidentalis*, commonly known as Ugu, is widely consumed for its nutritional benefits and potential medicinal properties, especially in traditional medicine. Investigating its effects on testosterone levels in male rats can provide valuable insights into its potential role in modulating endocrine functions and its possible therapeutic applications for conditions related to testosterone imbalance, such as infertility, erectile dysfunction, or low testosterone levels. Additionally, with the growing global interest in herbal medicine, such studies contribute to the growing body of knowledge on the pharmacological properties of plants and their possible integration into modern healthcare practices. However, the findings would need to be carefully interpreted, considering factors such as extract preparation, dosage, and the mechanisms through which the plant exerts its effects**	

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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