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REVIEWER'S REPORT

Manuscript No.: IJAR- 59670

Title: Effet de lutilisation de lextrait aqueux de feuilles d*Annonasenegalensis* sur les parasitoses gastro-intestinales de laulacode (*Thryonomysswinderianus*, Temminck, 1827) : Cas de lantenne deKankan/IRVAG/Guinee.

Recommendation:
Accept as it is .....
Accept after minor revision...
Accept after major revision .....
Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity	Excellent			
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

Detailed Reviewer's Report

1. **Annona senegalensis, commonly known as the African custard-apple, wild custard apple, or wild soursop, is a versatile flowering shrub or small tree native to tropical and subtropical regions of Africa.**
2. **A parasitic gastrointestinal (GI) infection is an illness caused by microscopic single-celled organisms (protozoa) or worms (helminths) that live inside your digestive tract.**
3. **Gastrointestinal parasitic infections are diseases of the digestive tract caused by microscopic single-celled organisms (protozoa) or multi-cellular worms (helminths).**
4. **These parasites inhabit the human intestines, utilizing the host for shelter and nutrients while often leading to significant gastrointestinal distress and systemic health issues. Globally, they affect roughly 25% of the population, with prevalence exceeding 50% in tropical and subtropical regions lacking proper sanitation.**
5. **The cane rat (genus *Thryonomys*), also widely known as the grasscutter, is a genus of large, robust rodents native exclusively to Sub-Saharan Africa. Despite their common name, they are not "true**

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rats" but are instead more closely related to porcupines, chinchillas, and mole rats. They represent the only living members of the family Thryonomyidae.

6. **The aqueous (water-based) extract of *Annona senegalensis* (African custard apple) leaves demonstrates several pharmacological and biological effects in scientific and animal studies.**
7. **Scientific studies show that the aqueous extract of *Annona senegalensis* leaves exhibits a wide range of pharmacological benefits, including anti-inflammatory, analgesic, hepatoprotective, and antiparasitic properties.**
8. **Greater cane rats (*Thryonomys swinderianus*), commonly known as grasscutters, frequently harbor a wide variety of gastrointestinal (GI) parasites, particularly nematodes, cestodes, and protozoa. Because they are widely consumed as bushmeat across sub-Saharan Africa, these parasites present both veterinary and zoonotic public health considerations.**
9. **In veterinary parasitology, OPG stands for Oocysts Per Gram (or occasionally Ova Per Gram), which is a quantitative measure used to determine the severity of gastrointestinal parasite infestations—particularly protozoan coccidia—in the greater cane rat (*Thryonomys swinderianus*), also known as the grasscutter.**
10. **Key words can be included more words.**
11. **Significant points with methodology part are awesome.**
12. **Result part is with tables and pie charts are very impressive.**
13. **Summary points only can be included.**
14. **After a small changes good to publish in your journal.**