

Review of: "Efficacy of Anogeissus leiocarpus as a Therapeutic Agent for Some Pathogenic Bacteria"

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Potential competing interests: No potential competing interests to declare.

The authors are advised to add more recent references, especially in the introduction and discussion sections.

English language needs to be reviewed.

The purpose of the study needs to be more objective and clear: The author stated that (The purpose of the work is to determine the effectiveness of the plant extracts for possible treatment of infections caused by some pathogenic bacteria.). The purpose could be: to detect, characterize, and evaluate the possible antibacterial activities of the extract of *Anogeissus leiocarpus* against some resistant pathogenic bacteria.

The MIC of the extract is too high to be considered as a treatment for bacterial infection. Further in vivo studies are needed.

The conclusion is not informative and needs to be reconsidered. The authors stated that (The present investigation shows the vital roles the plant extracts could be involved in the treatment of some bacterial diseases and its traditional use for herbal formulations in curing various illnesses. As a result, the plant could be a good source for drug development to treat diseases caused by human pathogens. The plant could therefore have a space of recognition among the few medicinal plants which have been studied for their medical properties with novel therapeutic value and of little or no side effects.) However, while the plant extracts could be involved as traditional herbal formulations in curing various illnesses, they cannot be considered as a treatment based on the obtained results. Further clinical studies are needed. The potency, specificity, safety, and stability of these extracts need to be evaluated. The activity of the extract suggests that it merits further investigations to enable its application as a promising alternative to conventional antibiotics.