Douala, February 11th, 2023

To the Chief Editor of

*[Mediterranean Journal of Chemistry,](https://journalijbcrr.com/index.php/IJBCRR/index)*

Prof. Abdelaziz SOUIZI

Dear Editor,

We wish to submit the enclosed manuscript, entitled*“Phytochemical analysis, acute toxicity, and comparative antioxidant activity of Annickia affinis (Exell) Versteegh & Sosef leaves, stem bark and roots methanolic extracts*” by Mbosso et al., for consideration as an original research paper in *Mediterranean Journal of Chemistry*.

For many years, we have been studying and characterizing plants used in traditional pharmacopoeia in Cameroon. In the present manuscript, the biological effects and toxicity of the plant *Annickia affinis* were examined. More particularly, *Annickia affinis* is use traditionally for the management of malaria, prostate cancer and rheumatism. Despite the various medicinal applications of *Annickia affinis*, no studies on the toxicity and antioxidant activity are available. This work therefore aimed at evaluating the comparative study of the leaves, stem bark and roots of this plant, in terms of phytochemical analysis, *in vivo* acute toxicity and *in* *vitro* antioxidant activity, to determine the parts with the best activity which could be used without risk of toxicity.

This report complies with current ethical considerations and highlighting for the first study of *Annickia affinis* as valuable source antioxydant and non toxic drugs, thus justifying the use of the plant against pathologies linked to oxidative stress in traditional pharmacopoeia. Overall, the obtained results highlight the biological potential of this species and could also form a preliminary basis for the selection of candidate plants for further phytochemical research for new bioactive molecules of plant origin.

We confirm that neither the manuscript nor any parts of its content are currently under consideration for publication in another journal or have been published elsewhere in any medium including electronic journals and computer database of a public nature. As the corresponding author, I also certify on behalf of all authors that they are all in agreement with submission of the manuscript to *Mediterranean Journal of Chemistry.*

We believe the manuscript to be of interest to the readership of *Mediterranean Journal of Chemistry*, for compelling results in the field of plant science.

We hope that you will find this manuscript suitable for consideration by *Mediterranean Journal of Chemistry* and we look forward to hearing your opinion.

Sincerely,

Prof. Emmanuel Mbosso

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