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JournalName:	JournalofComplementaryandAlternativeMedicalResearch
ManuscriptNumber:	Ms_JOCAMR_103089
TitleoftheManuscript:	PhytochemicalProfileof ColapachycarpaK.Schum.(Malvaceae)Leaf andStemEthanolExtracts
Typeofthe Article	Original Research Article

Generalguidelinefor PeerReviewprocess:

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. Toknow thecomplete guideline forPeerReview process,reviewers arerequested tovisitthislink:

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PART1:ReviewComments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript focuses on exploring the phytoconstituents present in the ethanolic extract of <i>Cola pachycarpa</i> using GC-MS analysis. This type of research is valuable as it provides insights into the chemical composition of a plant species, which can have implications for its potential medicinal properties or industrial applications. If the identified compounds are unique to <i>Cola pachycarpa</i> or show significant differences in composition compared to related species, this would contribute to the existing knowledge base.</p> <p>The title is suitable</p> <p>Overall, the abstract provides an overview of the study's objective, methods, results, and conclusions. It highlights the importance of identifying the phytoconstituents in <i>Cola pachycarpa</i> and their potential significance in medicinal applications. However, the abstract is not comprehensive, and should be improved. For example, the abstract does not provide details on how the ethanolic extract of the leaf and stem of <i>Cola pachycarpa</i> was prepared. Including information about the extraction method, solvent used, extraction duration, and any relevant standardization procedures would enhance the clarity and reproducibility of the study.</p> <p>The abstract briefly suggests the isolation of individual phytoconstituents for further exploration. However, it would be beneficial to expand on this and provide specific future directions for the research. For example, the abstract could mention potential follow-up studies such as <i>in vitro</i> or <i>in vivo</i> experiments to evaluate the pharmacological activities of the identified compounds or explore their mechanisms of action.</p> <p>Appropriate</p> <p>Yes</p> <p>The references are insufficient. Please add more. One of the most promising areas in the extraction of natural product is using a green solvent, called Deep Eutectic Solvents. Perhaps, can include this in the manuscript.</p> <p>Additional comments:</p> <ol style="list-style-type: none"> Lack of specific research objective: The manuscript could benefit from a clear and specific research objective or hypothesis. It should state the purpose of the study in more detail, such as investigating the potential medicinal properties of <i>Cola pachycarpa</i> or identifying specific bioactive compounds for a particular therapeutic application. Lack of discussion on known bioactivities: The manuscript mentions that the 	

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	<p>presenceofvariousbioactivecompoundsconfirmsthepotentialapplicationsofColapachy carpa for various ailments. However, it does not provide any discussion orreference to previous studies or existing knowledge on the bioactivities of thesecompounds. Adding a brief discussion on the reported bioactivities orpharmacological properties of the identified compounds would add depth to thefindingsandprovide context for theirpotentialapplications.</p> <p>3. Need for future directions: it would be beneficial to expand on this and providespecific future directions for the research. For example, the abstract could mentionpotential follow-up studies such as in vitro or in vivo experiments to evaluate thepharmacological activities of the identified compounds or explore their mechanismsof action.</p> <p>4. The conclusion provided here is a bit premature and lacks sufficient evidence tosupport the effectiveness of the ethanolic extract of Cola pachycarpa for treatingspecific diseases .The conclusion can be extended, with some additional info andconclusive discussion. Consider limitations and future research: Acknowledge anylimitations of the study and mention areas for further research. It is important torecognize that the identification of bioactive compounds is just the initial step.Future studies should include in vitro and in vivo experiments, as well as clinicaltrials,toassesstheefficacyandsafetyoftheextract forspecificdiseases.</p>	
<p>MinorREVISIONcomments</p> <p>1.Is language/English quality of the article suitable for scholarlycommunications?</p>	<p>TheEnglishcanbeimproved.ThecurrentEnglishisnotsuitableforpublication.</p>	
<p>Optional/Generalcomments</p>	<p>Discussion - Compare and contrast with existing literature: Analyze your results in relation topreviously published studies. Discuss how your findings align with or diverge from the existing bodyof knowledge. Identify any similarities or differences in terms of the identified compounds, theirconcentrations, ortheirreportedbioactivities.Highlightany noveloruniqueaspectsofyourresults.</p> <p>Interpretation of results: Offer explanations and interpretations for the observed outcomes. Explorepossible mechanisms of action or interactions among the identified compounds. Provide logicalreasoning for the observed effects, and support your arguments with references to relevant studiesor established scientificprinciples.</p> <p>Address limitations and potential sources of error: Acknowledge the limitations of your study anddiscuss any potential sources of error or bias. This demonstrates a critical understanding of theresearch and helps the reader interpret the results within their appropriate context. Discuss howthese limitations may have influenced your findings and suggest areas for improvement or futureresearch.</p> <p>Discuss implications and significance: Evaluate the implications of your findings and their potentialsignificance in the broader context. Discuss how your results contribute to the understanding of thefield and any practical applications they may have. Consider the potential value of the identifiedcompounds for drugdevelopment,plantbreeding,orother relevantareas.</p> <p>Addressunanswered questionsand propose futuredirections:Identifyanyunanswered questionsor aspects that require further investigation. Suggest specific areas or experiments that could beexploredinfutureresearchtoexpandonyourfindingsoraddresstheremaininggaps inknowledge.</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	

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