

Review Form 1.7

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJBGMB_118741
Title of the Manuscript:	GC-MS CHARACTERIZATION OF PHYTOCHEMICALS AND ANTI MICROBIAL PROPERTIES OF CHROMOLANAE ODORATA LEAF HARVESTED FROM SOUTH EASTERN NIGERIA
Type of the Article	Research article

Review Form 1.7

PART 1: Review Comments

	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.</p> <p>6. Do you think the manuscript is scientifically correct?</p> <p>7. 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>Yes, the medicinal flora <i>Chromolaena odorata</i> leaf extract subjected to phyto-compounds characterization by using GC-MS analysis as well as which had excellent antimicrobial activity against selected pathogenic microbes. The authors are worked on entitled " GC-MS characterization of phytochemicals and antimicrobial properties of <i>Chromolanae odorata</i> leaf harvested from South Eastern Nigeria" has worked and find novel approach to control of pathogenic microbes by using bioactive molecules from <i>Chromolanae odorata</i>. Authors are indicated that the importance of bioactive molecules from the herbal. This article recommended will be publishing in your esteemed Asian Journal of Biochemistry, Genetics and Molecular Biology after the following corrections.</p> <p>Yes, surely.</p> <p>Yes, surely.</p> <p>Yes, surely.</p> <p>Yes, surely.</p> <p>Requested to authors notice the very recent citations as well as references should be followed our journal format.</p> <p>1. The manuscript addresses a subject that is of interest to people engaged in bio-prospecting to find novel compounds for antimicrobial activity against selected pathogenic microbes. The study design of the investigation was appropriate. 2. Authors, Making little concentration towards grammatical/technical errors. 3. The manuscript requires extensive editing by a English language practitioner. Please note that if this is not done the manuscript will be rejected. 4. I suggest to improve the introduction part with recent advancement on bioactive molecules extraction and various eco-friendly application for bio-control techniques. 5. Can the authors demonstrate the straight of their methods? 6. Refer and include the most recent citation which may more relate to your study in the introduction parts.</p> <p>"Rajalakshmi, R., Vaidehi, J., Krishnappa, K., 2022. The naturally available phyto-products of Indian medicinal plants against aduclitidal activity of human vector mosquitoes. Uttar Pradesh J. Zoo. 43(24), 80-87."</p> <p>"Baranitharan M, Krishnappa K, Elumalai K, Pandiyan J, Gokulakrishnan J, Kovendan K, et al. Citrus limetta (Risso) - borne compound as novel mosquitocides: Effectiveness against medical pest and acute toxicity on non-target fauna. South African Journal of Botany. 2020;128:218–224. Available from: https://doi.org/10.1016/j.sajb.2019.11.014."</p> <p>"Venkattan Esan, Chakkaravarthy Elanchezhiyan, Shahid Mahboob, Khalid A. Al-Ghanim, Fahad AlMisned, Zubair Ahmed, Kuppusamy Elumalai, Kaliyamoorthy Krishnappa & Govindarajan Marimuthu (2022) Toxicity of <i>Trewia nudiflora</i>-mediated silver nanoparticles on mosquito</p>	

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	larvae and non-target aquatic fauna, Toxin Reviews, 41:1, 229-236, DOI: 10.1080/15569543.2020.1864648 "	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	The manuscript requires extensive editing by a English language practitioner. Please note that if this is not done the manuscript will be rejected.	
Optional/General comments	Authors, Making little concentration towards grammatical/technical errors. I suggest to improve the various parts of whole MS with recent advancement on bioactive molecules and its uses. Can the authors demonstrate the straight of their methods and results? Refer and include the most recent citation which may more relate to your study in the introduction and discussion parts.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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