

Review Form 1.7

Journal Name:	Asian Plant Research Journal
Manuscript Number:	Ms_APRJ_95487
Title of the Manuscript:	PLANTS PHENOLICS AS POTENTIAL INHIBITORS OF PSEUDOMONAS AERUGINOSA RESISTANCE
Type of the Article	Review Article

General guideline for Peer Review process:

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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalaprij.com/index.php/APRJ/editorial-policy>)

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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)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	1. Yes, the manuscript significantly impacts the scientific community regarding the health and hygiene of all human beings. Although the manuscript has been discussed in detail, the recent data for problems associated with microbial resistance concerning mortality rate should be discussed in the introduction. Problems must be highlighted and then the remedy related to the inhibitors needs to focus to avoid these problems should be explored further. 2. PLANTS PHENOLICS AS POSSIBLE PSEUDOMONAS AERUGINOSA RESISTANCE INHIBITORS 3. Yes, but can be improved further if it includes the detailed mechanism of inhibitors against the resistance of <i>Pseudomonas aeruginosa</i> virulence. 4. Yes. 5. Yes, it is correct, however, needs to check the grammar. 6. Cite these articles: Akongwi M, Kwene EC, Awah LA, Tih AE, Ghogomu RT, Cho-Ngwa F, Ngemenya MN. Anti-Salmonella activity on multidrug-resistant strains and cytotoxicity of extracts and constituents of <i>Garcinia brevipedicellata</i> and <i>Garcinia epunctata</i> . Scientific African. 2023 Mar 1;19:e01465. Mensah JO, Boakye A, Manu P, Nketia PB, Gasu EN, Asiamah I, Borquaye LS. Computational Studies Provide a Molecular Basis for the Quorum Sensing Inhibitory Action of Compounds from <i>Dioon spinulosum</i> Dyer Ex Eichler. ChemistrySelect. 2023 Jan 9;8(1):e202203773. Palomares-Navarro JJ, Bernal-Mercado AT, González-Aguilar GA, Ortega-Ramirez LA, Martínez-Téllez MA, Ayala-Zavala JF. Antibiofilm Action of Plant Terpenes in Salmonella Strains: Potential Inhibitors of the Synthesis of Extracellular Polymeric Substances. Pathogens. 2023 Jan;12(1):35. Alain KY, Tamfu AN, Kucukaydin S, Ceylan O, Pascal AD, Félicien A, Dominique SC, Duru ME, Dinica RM. Phenolic profiles, antioxidant, anti-quorum sensing, antibiofilm and enzyme inhibitory activities of selected <i>Acacia</i> species collected from Benin. LWT. 2022 Dec 15;171:114162. DERELİ FT, Ebru ÖN, ÖZAYDIN AG, Evren AR, Muhammed MT. Persea americana Mill.: As a potent quorum sensing inhibitor of <i>Pseudomonas aeruginosa</i> PAO1 virulence. International Journal of Secondary Metabolite. 2022;9(1):14-26.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	The review article can be accepted after minor revision.	

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

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Reviewer Details:

Name:	Zamir G Khan
Department, University & Country	H. R. Patel Institute of Pharmaceutical Education and Research, India