

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_82287
Title of the Manuscript:	Determination of expedient method for screening quorum quenching (QQ) rhizobacteria
Type of the Article	Original Research 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.journalijecc.com/index.php/IJECC/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	<p>The article is entitled "Determination of expedient method for screening quorum quenching (QQ) rhizobacteria". The authors tried their best to explain Quorum quenching (QQ) which is the process of hindering the auto-inducer molecules that act as quorum sensing (QS) signals. Quorum sensing signals, the Acyl homoserine lactones play a major role in the induction of virulence in <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> (Pcc).</p> <p>I appreciated the Manuscript, but there are some technical, grammatical, and common mistakes in the article which should be corrected by the authors. Authors strictly follow the instructions and format of the respective Journal. After the correction of all the mistakes, the article could be considered for publication in the prestigious <i>International Journal of Environment and Climate Change</i>.</p> <p style="text-align: center;"><u>Technical, grammatical, and common mistakes</u></p> <ul style="list-style-type: none"> ➤ 2. Materials and methods. Mentioned all the instruments with country and manufacturer name. ➤ Show the purity of the used chemical during the experiment. ➤ 2.2.1. Preparation of culture; write the name of the centrifuged instrument. ➤ The samples were sonicated on ice for three 10 second bursts and at high intensity having a 30-second break between each burst. After lysis, the supernatant was collected by centrifugation and used for the assay [Revise it and make it clear]. ➤ 2.2.2. Soft agar diffusion assay; centrifugation at 12,000 rpm for 5 mins after sonication. [mentioned the temperature]. ➤ 2.3. Chromobacter violaceum write CV in front of the text. ➤ Please check grammatically and spelling throughout the manuscript. There are so many mistakes. ➤ 4. The discussion is very lengthy. Make it summarize. <p>Cite the following references;</p> <ul style="list-style-type: none"> ❖ https://doi.org/10.1007/s13726-020-00849-x ❖ 2018, 6, (7):8856-8867. DOI: 10.1021/acssuschemeng.8b01212 ❖ 2020, 235 (10):1247-1262. DOI: https://doi.org/10.1515/zpch-2020-1697 ❖ 138 (14): 50138. https://doi.org/10.1002/app.50138 ❖ 2019, (38):21577-604. DOI: 10.1039/c9ta04575a ❖ 2021; e50515. 1-10. https://doi.org/10.1002/app.50515 <p>Warmly reminded; The present reference is not enough for this manuscript. The authors should want to add the latest and related references, besides the mentioned ones.</p>	

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Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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