



**SDI Review Form 1.6**

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|--------------------------|----------------------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">International Journal of Biochemistry Research &amp; Review</a>                                    |
| Manuscript Number:       | Ms_IJBcRR_19522                                                                                                |
| Title of the Manuscript: | Anti-Cancerous/Anti-Bacterial Activities of Allicin Generated In Situ from Diastereo Pure Alliins by Alliinase |
| 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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) |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                               |
| <b><u>Minor</u></b> REVISION comments      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                               |
| <b><u>Optional/General</u></b> comments    | <p>The purpose of the paper is accomplished. The data obtained in this paper provide useful information on the design of the <i>in-situ</i> allicin strategy. There is lack of information on the efficacy of in situ allicin systems produced from pure diastereomers or derivatives of alliin. Cancer MTT cell viability assay, alliinase assay, bacterial plate diffusion growth inhibition assay, and flow cytometry cell cycle analysis were used for validating the anti-cancerous/anti-pathogen activities of the in-situ allicin.</p> <p>The paper is written in according to the journal requirements.</p> |                                                                                                                                                                               |

**Reviewer Details:**

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Name:                            | <b>Daniela Hanganu</b>                                                                              |
| Department, University & Country | <b>Department of Pharmacognosy, "Iuliu Hatieganu" University of Medicine and Pharmacy , Romania</b> |