



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">International Journal of Biochemistry Research &amp; Review</a>                          |
| Manuscript Number:       | <b>Ms_IJBCRR_26206</b>                                                                               |
| Title of the Manuscript: | <b>Characterization and Cytotoxicity of Elastolytic Protease, Asnilase from Aspergillus nidulans</b> |
| Type of the Article      | <b>Original Research Article</b>                                                                     |

**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>Compulsory</b> REVISION comments | <p>Authors did not mentioned <u>complete purification strategy</u> applied and there is no <u>purification summary table</u> mentioned in this article.</p> <p>Authors must need to add the data regarding the optimum pH&amp; temperature, pH &amp; thermal stability and inhibitor's profile</p> <p>All this characterization was done on crude or purified enzyme???</p> | <p><b><u>complete purification strategy</u></b><br/>The complete purification strategy has shown in 2.3, and the isolation of Asnilase from culture filtrate was <u>performed only one step of ion exchange chromatography</u> using DEAE-Cellulose.</p> <p><b><u>purification summary table</u></b><br/>Because the culture medium in itself contains various protein ingredients, it is impossible to measure only content of proteins which A. <i>nidulans</i> produced in culture medium. Therefore, we described quantity of Asnilase purified from 100 ml of culture filtrate in a sentence (3.1).</p> <p><b><u>the data regarding the optimum pH &amp; temperature .....</u></b><br/>Since those data were shown in Table 1, we added some descriptions about the method of experiment to 2.4.</p> <p>All characterization was done on purified enzyme.</p> |



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|                                         | <b>All protocols used must have citation. What protocol was used for SDS-PAGE, IP ... etc.</b> | The reference of SDS-PAGE was <b>added in [21]</b> .<br>The protocol used for the estimation of pI is described in <b>2.3</b> as “ the isoelectric point (pI) was estimated by isoelectric focusing/ polyacrylamide gel electrophoresis using bio-lyte concentration of 40 % (w/v) with a pH range of 3.5-10.” . |
| <b><u>Minor</u></b> REVISION comments   |                                                                                                |                                                                                                                                                                                                                                                                                                                  |
| <b><u>Optional/General</u></b> comments |                                                                                                |                                                                                                                                                                                                                                                                                                                  |