

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Research in Biochemistry</a>
Manuscript Number:	Ms_AJRB_81263
Title of the Manuscript:	Induction of extracellular lytic enzymes from <i>Aureobasidium pullulans</i>
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://journalajrb.com/index.php/AJRB/editorial-policy> )

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>There is no rationale in the introduction for why the two enzymes in particular are being investigated</p> <p>The results presented, while mostly done appropriately, are very preliminary and do not add significantly to knowledge of the organism or the enzymes</p> <p>There is no replication in the assays/results, so the reliability of the results is unknown</p> <p>The linear reaction of the enzymes ( Conclusion point #8) is irrelevant and will change with each enzyme prep and enzyme purity and amount of enzyme in an assay.</p> <p>The amount of enzyme produced by this isolate is unremarkable compared to what has been reported in the literature.</p> <p>Stability of the enzyme as a crude sample is of limited usefulness/relevance.</p>	
<b>Minor</b> REVISION comments	<p>Units of activity vary throughout the manuscript so the amount of activity is not clearly presented. For example,</p> <ul style="list-style-type: none"> <li>• Table 1 and Table 2 nanograms of galacturonic acid or xylose released per minute per mg protein</li> <li>• Fig 3 and Fig 7 milligrams of galacturonic acid or xylose released per minute per mg protein</li> </ul> <p>The following sentence is run-on and needs to be changed. There are other examples of this style of writing</p> <p>About, an exo-polygalacturonase of <i>A. pullulans</i> isolated from Saharan oil of Algeria grown on tomato pomace using yeast extract (as nitrogen and vitamin source) exhibited only a statistically insignificant variation on potentiation of polygalacturonase activity [30], too the production of transfructosylating enzymes by <i>A. pullulans</i> FRR 5284, sodium nitrate was a superior nitrogen source to yeast extract [36], the use of yeast extract with sodium nitrate was the optimum source for the production of the extracellular enzymatic activity in <i>B. licheniformis</i> KIBE-IB3 [38], better enzyme production of <i>T. viride</i> (BITRS-1001) in media containing casein and peptone as nitrogen sources [46].</p> <p>The conclusion is written in an inappropriate style</p>	
<b>Optional/General</b> comments		

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**PART 2:**

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

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