



**SDI Review Form 1.6**

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|--------------------------|-------------------------------------------------------|
| Journal Name:            | <a href="#">Asian Journal of Biology</a>              |
| Manuscript Number:       | Ms_AJOB_34748                                         |
| Title of the Manuscript: | Plants as Expression Systems for Recombinant Proteins |
| 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:

(<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>I like this manuscript. I think the examples chosen to be illustrated are unique and interesting.</p> <p>Possible modifications are:</p> <ol style="list-style-type: none"> <li>1. The authors talk about difficulties with glycosylation motifs with plant made therapeutic proteins. They should mention the development of transgenic humanized plants which have been engineered to correctly glycosylate therapeutic proteins.</li> <li>2. The authors should add a few sentences about other production systems such as cell suspension (GCD in carrot cells as eg) hairy roots and plant virus expression vectors.</li> </ol> <p>Otherwise, this is a nice addition to the existing body of published literature.</p> | <p>The suggestions and review comments have been effected as suggested by the reviewer. The revisions and additions are highlighted in yellow within the main manuscript.</p>             |
| <b>Minor</b> REVISION comments      | <p>A few grammatical problems: eg. Page 1, lines 35-37. "Two plants which commonly host viruses are tobacco with tobacco mosaic virus and cowpea with cowpea mosaic virus."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>The grammatical omission has been corrected and highlighted in yellow within the document as suggested. The word <u>used</u> has been included to correct the grammatical mistake.</p> |
| <b>Optional/General</b> comments    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           |