



**SDI Review Form 1.6**

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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">American Journal of Experimental Agriculture</a>                                                                                 |
| Manuscript Number:       | 2013_AJEA_8631                                                                                                                               |
| Title of the Manuscript: | <i>EFFECTS OF GAMMA IRRADIATION ON SEEDS GERMINATION, PLANTLETS GROWTH AND ANTIMALARIAL ACTIVITIES OF PHYLLANTHUS ODONTADENIUS Müll Arg.</i> |
| Type of the 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 | The manuscript describe an original topic related to development of new drugs. Radioactivity used to generate secondary metabolites in plant for antimalarial activity is an example. But irradiation must to obey ethical conditions about atomic energy; but, no ethical issues was noted in this manuscript.<br><b>Ok! Radio sensibility (DL50=150 Gy) was determined and reserved for others works.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                               |
| <b><u>Minor</u></b> REVISION comments      | ABSTRACT: create a paragraph for material and methods.<br><b>Ok!</b><br>Line 11: review the sentence; it is no complete. <b>Ok!</b><br>Line 21,24,25: specify mean $\pm$ standard deviation (SD)<br><b>Ok!</b><br>RESULTS: delete line 365-367; no reference in result text.<br><b>Ok!</b><br>Table 1,2,3: specify "p value" for significant difference.<br><b>Ok!</b><br>Table 4: It is important to define the quantity of these chemical components. <b>Yes, where, it's qualitative test for the determination of secondary metabolites.</b><br><br>CONCLUSION: say briefly what we can retain and give the interest and perspective of this work. <b>Ok!</b><br><br>REFERENCES: review the style of references and harmonize. (example: word in italic or no; no full reference, presentation of years, name of plant is not in italic, space between numbers). <b>Ok!</b> |                                                                                                                                                                               |



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| <b><u>Optional/General</u></b> comments | No ethical issues noted in this manuscript about using of radioactivity in this work. Ok! The values of DL30 and DL50 obtained for P. odontadenius are respectively 79.05 and 155.10 Gy Gy. |  |