



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Research in Botany</a>
Manuscript Number:	<b>Ms_AJRIB_48761</b>
Title of the Manuscript:	<b>Effects of surface sterilizing agents, sucrose and plant growth regulatory hormone concentration levels on micropropagation of Bacopa monnieri L.</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>1) All photographs are of poor quality, mainly – even very poor. They must be improved.</p> <p>2) 192, 202, 211 Black arrow indicates root initiation in Fig. 5...6...7... Such information not generally described in main text, only in comments to figures.</p> <p>3) The paper should be deeply edited, it contains not only grammar mistakes, but also uses inappropriate terms (jeopardized, corrosive, immunization, vaccination, enlistment – see below). Particularly, "Results' <b>must</b> be improved.</p>	
<b>Minor</b> REVISION comments	<p>84 the laboratory immediately and <b>was</b> / <b>were</b> washed under running tap water 10-20 min. to remove all the dust</p> <p>100 acids, vitamins, carbon sources and <b>array of (????)</b> growth regulators)</p> <p>101 -102 The media containing high concentration of sucrose (30 g/L) <b>supports</b> the growth of many micro organisms at 121°C at 15 p.s.i pressure for 15-20 min. <b>(It is unclear sentence, editions needed)</b></p> <p>144-152 I would recommend to edit the text, it contains too many numbers in many blocks which all together are not easy to read.</p> <p><b>Sometimes, routine procedures described too details, that is may be necessary in books for students, but not for journal paper. That is for instance</b> Sterilized explants (Internodes, nodes and leaves) <b>were changed to sterilized petriplate under the laminar air flow chamber to maintain aseptic conditions</b> and were soaked in sterilized tissue paper to remove water. <b>Autoclaved forceps were used to</b> transfer explants (Internodes, nodes and leaves) from petriplate to sterilized test tubes containing MS media and was then placed in an upright position in the test tube. After inoculation, <b>test tubes were plugged and labelled under laminar flow to avoid cross contamination</b></p> <p><b>The same note about Table S1. It is very basic knowledge about composition of MS media, very well known world-wide. If authors not modify it, absolutely no necessary to include this table.</b></p> <p>213 polythene bags – <b>usually used word polyethylene</b></p> <p><b>Instead of "jeopardized" should be used "threatened or endangered" species: See - "jeopardized plant" - 242 Google citations, "endangered plant" - 568 000 Google citations!</b></p> <p>219-221 Species or even the cultivar carries on distinctively to the synthetic substances and its extent. Distinctive explants of similar species additionally react diversely to the organization of media; they are being exposed to - <b>Poor writing</b></p> <p>246 <b>Hight</b> percentage – <b>Highest</b></p> <p>249-250, 258 (Indole-3-acidic <b>corrosive</b>)..... (1-Naphthaleneacetic <b>corrosive</b>) <b>??????</b></p> <p>259 After <b>immunization</b>, <b>Immunization, or immunisation, is the process by which an individual's immune system becomes fortified against an agent.</b></p> <p>268 of <b>vaccination</b> in MS media with BAP <b>(THE SAME ??????????)</b></p> <p>232, 259, 261, 271 - <b>Enlistment</b> - is the act of joining the army, navy, marines, or air force. <b>Enlistment</b> is the period of time for which someone is a member of one of the armed forces. <a href="https://www.collinsdictionary.com/dictionary/english/enlistment">https://www.collinsdictionary.com/dictionary/english/enlistment</a></p>	



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	<b>277 AGAR (?) Agar</b>	
<b>Optional/General</b> comments	In general, research is original and topic is important, experimental design is also OK, but the paper looks as some parts were written by students, without careful edition by supervisor, particularly "Results". Paper needed to be carefully edited!	

**PART 2:**

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

**Reviewer Details:**

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