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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_141759** |
| Title of the Manuscript: | **Optimization of Somatic Embryogenesis in a Seedless Grape Cultivar** |
| Type of the Article | **Scientific** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **Any work that evaluates in vitro morphogenic responses of tissues is valuable for different purposes** | Grape is the most cultivated fruit crop worldwide. In India, Maharashtra is a leading state for the production of grapes than other states. Somatic embryogenesis is an effient technique for mass propagation and transformation of woody plant species than conventional breeding and produces healthy plant material for the development of elite cultivars. Given above, the present study was undertaken to develop and standardize an efficient and reproducible protocol for somatic embryogenesis in grapevine. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes Its suitable** | Yes it is suitable |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **I think it is necessary to incorporate more information and to be more specific about the objectives that were set when carrying out this work.** | Okay I will correct |
| Is the manuscript scientifically, correct? Please write here. | Yes, it is, but there are several corrections to be made, for example, including evidence of each of the morphogenic responses in vitro. | Okay |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | They are enough | Yes |
| Is the language/English quality of the article suitable for scholarly communications? | All scientific plant names should be leaned or cursive, for example, the word in vitro is cursive. | Okay I will correct |
| Optional/General comments | **This work should include histology as evidence of embryonic development or the stages involved in both embryogenesis and organogenesis, include response times or periods, age of the explants, highlight the characteristics of the calluses that define their embryogenic or organogenic potential.**  **SEE ATTACHMENT** | Okay I will correct |

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| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |