

Cover letter

Dear Prof Ludwig-Müller
Editor-in-Chief
Journal of Plant Growth Regulation

And

Dear Drs Gupta, and Mukherjee
Guest Editors
Journal of Plant Growth Regulation

I would like to submit a research manuscript entitled “**Comprehensive agronomic analyses of Brassicaceae microgreens grown under different light-emitting diodes**”, authored by **Deyvanai Arumugam, Swee Tiam Tan, Kotaro Takayama, Ayyagari Ramlal and Sreeramanan Subramaniam**, for the perusal of this esteemed **Journal of Plant Growth Regulation**.

Many thanks for your time and effort in carefully reading our submitted manuscript (**JPGR-D-25-00967R2**) and suggesting further improvement. The manuscript has been thoroughly revised in light of valuable comments from the editor and reviewers, and the revised version has been resubmitted for your kind consideration. Responses to all reviewer comments have been appended below the letter. The revisions have been highlighted using the track mode. Based on suggestions by both the Editor and reviewer, English language editing was done for the manuscript and the certificate, along with the responses, has been uploaded as “**Supplementary Information**” section during submission of the revision.

This work has been carried out by my PhD student, **Deyvanai Arumugam**, as part of her doctoral (PhD) thesis. The thesis is not yet published anywhere. We have included ‘Arumugam et al., unpublished’ wherever required, as a part of the work is under consideration in another Journal.

“Arumugam, D., Tan, S.T., Takayama, K., Ramlal, A., & Subramaniam, S. Histological analyses of five Brassicaceae microgreens grown under different light-emitting diodes in an indoor farming system.”

I would like to verify that this work is not being considered for publication in other journals and that no parts of this study have been published elsewhere. I would also like to declare that we do not have and do not anticipate conflicts of interest with regard to the publication of this manuscript. Also, no AI tool has been used in the preparation of the article, and the article is submitted after an overlapping analysis.

I believe that our work on the subject could be of interest to the journal's readers, and similar articles have been published in the journal.

I look forward to hearing from you soon.

Yours truly,

Prof Dr. Sreeramanan Subramaniam

Corresponding Author

School of Biological Sciences, Universiti Sains Malaysia (USM),

11800 Gelugor, Penang, Malaysia.

Tel. 604-6533528, Fax: 604-6565125

E-mail: sreeramanan@usm.my/sreeramanan@gmail.com

Editor's comment:

The authors should get the language of their manuscript checked, either by a native English speaker or through a professional English editing service, to improve the quality, presentation, and writing style of the manuscript.

Response: Thank you for your suggestion. All the suggestions have been incorporated into the revised version. All the changes are shown in the track mode. Based on your suggestion, the article has been revised by a native English speaker. A copy of the certificate has been attached for your kind reference.

Reviewer #4: I'm not sure if the recommendations were well implemented.

I think the authors still need to improve the quality and clarity of their manuscripts. Abstract and Conclusions are still very poor.

Response: Many thanks for your time and effort in carefully reading our submitted revised manuscript. All the suggestions have been incorporated into the revised version. Based on your suggestion, the article has been revised by a native English speaker. Abstract and conclusion portions have been reframed.

This document certifies that the manuscript

Comprehensive Agronomic Analyses of Brassicaceae Microgreens Grown Under Different Light Emitting Diodes

prepared by the authors

Deyvanai Arumugam, Swee Tiam Tan, Kotaro Takayama, Ayyagari Ramlal and Sreeramanan Subramaniam

was edited for proper English language, grammar, punctuation, spelling, and overall style by one or more of the highly qualified English speaking editors at AJE.

This certificate was issued on **December 5, 2025** and may be verified on the [AJE website](https://aje.com) using the verification code **86D6-8EAF-D215-7954-C4C3**.



Neither the research content nor the authors' intentions were altered in any way during the editing process. Documents receiving this certification should be English-ready for publication; however, the author has the ability to accept or reject our suggestions and changes. To verify the final AJE edited version, please visit our verification page at aje.com/certificate. If you have any questions or concerns about this edited document, please contact AJE at support@aje.com.