

## Cover Letter

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13<sup>th</sup> June, 2020

Dear Chief Editor,

We wish to submit an original research article entitled “UV mutagenesis as a strategy to enhance growth and lipid productivity of *Chlorella* sp. 042” for consideration by Journal of Tropical Biodiversity and Biotechnology.

We confirm that this work is original and has not been published elsewhere, nor is it currently under consideration for publication elsewhere.

In this paper, we report on UV mutagenesis treatment to microalgae in order to enhance lipid productivity and other biochemical compounds. We also provide the information of FAMES content of both mutant and wild type. This is significant because the urge to find alternative and environmentally benign feedstock for biodiesel production.

We believe that this manuscript is appropriate for publication by Journal of Tropical Biodiversity and Biotechnology because the use of Indonesian indigenous microalgae strain of East Kalimantan origin and thus this is in line with the concern of this Journal in tropical biodiversity. In addition, the application of UV mutagenesis to microalgae is one of the most applicable biotechnology methods to engineer a microalgae strain.

We have no conflicts of interest to disclose.

Please address all correspondence concerning this manuscript to me at [rike002@lipi.go.id](mailto:rike002@lipi.go.id)

Thank you for your consideration of this manuscript.

Sincerely,

Rike Rachmayati