

### Review Form 3

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|--------------------------|---|
| Journal Name:            | <a href="#">Asian Plant Research Journal</a>  |
| Manuscript Number:       | Ms_APRJ_129921  |
| Title of the Manuscript: | PRELIMINARY METABOLOMICS AND DETERMINATION OF A POTENT ANTI-INFLAMMATORY FRACTION OF FRESHWATER BROWN ALGAE |
| Type of the Article      | Original Research Article   |

#### PART 1: Comments

|  | Reviewer's comment   | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|--|---|
| 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. | This study was well designed and executed. For this reason, studying the anti-inflammatory properties of brown algae, which is an important feature, will be a useful addition to the literature.  |   |
| Is the title of the article suitable? (If not please suggest an alternative title)   | Yes, but maybe it can be simplified.   |   |
| 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.      | yes  |   |
| Is the manuscript scientifically, correct? Please write here.  | yes  |   |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.                              | <p>Good, but should be improved with additional references. The following articles may be useful.</p> <ul style="list-style-type: none"> <li>- Antiviral Effects of Microalgae, Turkish Journal of Agriculture - Food Science and Technology, 9(2): 412-419, 2021</li> <li>- Investigation Of Momordica Charantia Effects on The Rat Foot Inflammation and Behavior; experimental Model, Journal of Anatolian Environmental and Animal Sciences, 6(1), 112-119, 2021.</li> <li>- Investigation of Aloe vera barbadensis Miller Leaf Extract Effects on Glutamate and Glufosinate Induced Toxicity: In Vitro Study. Journal of Anatolian Environmental and Animal Sciences, 6(3), 376-381, 2021.</li> </ul> |   |

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| Is the language/English quality of the article suitable for scholarly communications? | The language is suitable.  |  |
| <b>Optional/General</b> comments  | "Table 1 and 2"<br>table looks too strait, can be expanded more<br>(as an image)<br><br>Overall, the graphics look very compressed, could be expanded<br><br>Discussion is Good, it may be improved with additional references<br><br>Introduction is Good, it should be improved with additional references |  |

**PART 2:**

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

**Reviewer Details:**

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|----------------------------------|---|
| Name:                            | Aybike Turkmen                          |
| Department, University & Country | Aydin Adnan Menderes University, Turkey |