**PRESENTATION**

**Cover letter**

Editor of the « The Life Sciences Journal, *La Granja*»

Having read the regulations of the Journal "La Granja" and having analyzed its coverage, thematic area, and approach, I consider that this journal is the ideal one for the dissemination of the work that I am enclosing, and I therefore request that be submitted for consideration for publication. The original is entitled"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_", authored by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The author(s) certify that this work has not been published, nor is it under consideration for publication in any other journal or editorial work.

The author/s are responsible for its content and for having contributed to the conception, design and realization of the work, analysis and interpretation of data, and for having participated in the drafting of the text and its revisions, as well as in the approval of the version that is finally sent as an attachment.

The introduction of changes in the content, if necessary, after revision, and changes in the style of the manuscript by the editorial staff of "La Granja" are accepted.

**CESSION OF RIGHTS AND DECLARATION OF INTEREST CONFLICT**

The Abya-Yala Editorial (Publisher of the works of the Salesian Polytechnic University of Ecuador) retains the copyright of the published works, and favors and allows the reuse of the same. The works are published in the electronic edition of the journal under a Creative Commons Attribution/Noncommercial-No Derivative Works 3.0 Ecuador license: they may be copied, used, disseminated, transmitted and exhibited publicly.

The undersigned author/s transfers partial copyright of this work to Abya-Yala Publishing (Ecuador) for the printed editions.

We also declares to have respected the ethical principles of research and to be free of any conflict of interest with Committee on Publication Ethics COPE and national regulations.

**USE OF ARTIFICIAL INTELLIGENCE**

The authors confirm whether or not they utilized artificial intelligence and specify the section of the research in which it was applied.

Yes: \_\_\_ No: \_\_\_

If the answer is affirmative, please elaborate on how it was employed and specify the section of the research where it was implemented.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CONTRIBUTION OF THE AUTHORS**

The author and his/her collaborators should indicate the contributions they made in the research process and achievement of results following the CRediT taxonomy. Advocate that your institution and any publication you submit acknowledges and adopts the taxonomy.

**CRediT (Taxonomy of Contributor Roles)**

This is a high-level taxonomy, including fourteen roles, which can be used to represent the roles typically played by contributors to research outputs. The roles describe the specific contribution of each contributor to scholarly output.

1. **Conceptualization**: Ideas; formulation or evolution of general research goals and objectives. ID: 8b73531f-db56-4914-9502-4cc4d4d8ed73
2. **Data curation:** Management activities to annotate (produce metadata), clean data, and maintain research data (including software code, where necessary to interpret the data itself) for initial use and subsequent reuse. Identification: f93e0f44-f2a4-4ea1-824a-4e0853b05c9d
3. **Formal analysis:** Application of statistical, mathematical, computational, or other formal techniques to analyze or synthesize survey data. ID: 95394cbd-4dc8-4735-b589-7e5f9e622b3f
4. **Funding Acquisition**: Acquisition of financial support for the project leading to this publication. Identification: 34ff6d68-132f-4438-a1f4-fba61ccf364a
5. **Research**: Conducting a research and investigation process, specifically conducting experiments or data/evidence collection. ID: 2451924d-425e-4778-9f4c-36c848ca70c2
6. **Methodology**: methodology development or design; model building. Identification: f21e2be9-4e38-4ab7-8691-d6f72d5d5843
7. **Project Administration:** Management responsibility and coordination of the planning and execution of research activity. ID: a693fe76-ea33-49ad-9dcc-5e4f3ac5f938
8. **Resources**: Provision of study materials, reagents, materials, patients, laboratory specimens, animals, instrumentation, computer resources, or other analytical tools. Identification: ebd781f0-bf79-492c-ac21-b31b9c3c990c
9. **Software**: Programming, software development; computer program design; implementation of computer code and supporting algorithms; Testing of existing code components. Identification: f89c5233-01b0-4778-93e9-cc7d107aa2c8
10. **Supervision**: Supervisory and leadership responsibility for planning and execution of research activity, including mentoring external to the core team. Identification: 0c8ca7d4-06ad-4527-9cea-a8801fcb8746
11. **Validation**: Verification, either as part of the activity or separately, of the overall replication/reproducibility of results/experiments and other research products. Identification: 4b1bf348-faf2-4fc4-bd66-4cd3a84b9d44
12. **Visualization**: Preparation, creation and/or presentation of published work, specifically visualization/presentation of data. Identification: 76b9d56a-e430-4e0a-84c9-59c11be343ae
13. **Writing - original draft**: Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation). Identification: 43ebbd94-98b4-42f1-866b-c930cef228ca
14. **Writing - reviewing and editing:** Preparation, creation and/or presentation of the published work by the original research group, specifically critical review, commentary, or revision - including pre- or post-publication stages. ID: d3aead86-f2a2-47f7-bb99-79de6421164d

In this space, please indicate the collaboration of the author and co-authors.

|  |  |
| --- | --- |
| **Author's name and filiation** | **List here all the author's contributions:** |
| **author (1)** | Conceptualization, data processing, etc... |
| **author (2)** |  |
| **author (3)** |  |
| **author (4)** |  |
| **author (5)** |  |

In \_\_\_\_ (city), on \_\_\_\_ days of the month of \_\_\_\_\_\_ of 202\_

Signed. (By the author or, if applicable, all authors)

Authors' first and last name

Identification document

E-mail address

ORCID number (required)

Complete affiliation

Signature

Authors' first and last name

Identification document

E-mail address

ORCID number (required)

Full affiliation

Signature

Authors' first and last name

Identification document

E-mail address

ORCID number (required)

Full affiliation

Signature