

EDITORIAL

Salud, Ciencia y Tecnología, pioneering open peer review and post-publication: a necessity and a challenge*

Salud, Ciencia y Tecnología, pionera de la revisión por pares abierta y pospublicación: una necesidad y un reto

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DEAR READERS:

The journal Salud, Ciencia y Tecnología will transition to an open peer review and post-publication system on January 1st, 2023.

Open peer review, in short, responds to a transparent open science model, based on the open identity of reviewers, open and unstructured review reports, as well as the open participation and interaction of the scientific community.⁽¹⁾

Post-publication peer review is based on the generation of revised and/or corrected versions of the manuscript that are immediately available following the initial editorial review. This model helps to trace the “evolution” of the scientific article in a dynamic and transparent way.⁽²⁾

Both review processes combined allow for an open, unframed, and public discussion of the research results. Additionally, from a pedagogical and didactic perspective, these procedures provide guidance on how to enhance scientific writing procedures as well as guidance for research teaching.

According to data from the Directory of Open Access Journals (DOAJ), at the time of publishing this editorial, 212 scientific journals have embraced open peer review, but only 13 of them have adopted post-publication peer review. Nonetheless, there are no Latin American journals that combine both processes. This fact not only represents a challenge for our editorial board but also serves as a reference to inspire publishers in the region to commit to open science at the highest level, both in terms of standards and editorial transparency.

Beyond a detailed description of the new editorial process, which exceeds the scope of this article, we encourage authors to review the new rules for article submission on our journal website, where those rules are thoroughly explained.

The Salud, Ciencia y Tecnología editorial team is deeply committed to open science and will accompany authors and reviewers through this transition period, which will undoubtedly be fraught with challenges, successes, and failures. Finally, if we stop to think for a moment, the essence of science is to innovate, transform, and continuously improve.

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