

## CRediT Author's Statement

CRediT (Contributor Roles Taxonomy) seeks to recognize the contributions of each author to the publication which facilitates the identification in proportion of work and collaboration invested in the paper by each of the authors thus allowing to reduce disputes in authorship. Below is Table 1 where you can see the description of roles:

Table 1. Understanding CRediT Author Roles

<b>Term</b>	<b>Definition</b>
Conceptualization	Ideas; Formulation or evolution of general research objectives and goals
Methodology	Development or design of methodology; Creating models
Software	Programming, software development; software design; implementation of computer code and supporting algorithms; Testing existing code components
Validation	Verification, either as part of the activity or separately, of the replication/global reproducibility of results/experiments and other research results
Formal analysis	Application of statistical, mathematical, computational, or other formal techniques to analyze or synthesize study data
Research	Conduct a research and research process, specifically conduct the experiments or collect data/evidence
Resources	Supply of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computer resources or other analysis tools
Data Curation	Management activities to annotate (produce metadata), delete data, and maintain research data (including software code, where necessary to interpret the data itself) for initial use and subsequent reuse

Term	Definition
Writing - Original Draft	Preparation, creation and/or presentation of the published work, specifically the drafting of the initial draft (including substantive translation)
Writing - Proofreading and editing	Preparation, creation and/or presentation of published work by those in the original research group, specifically critical review, commentary or review, including pre- or post-publication stages.
Visualization	Preparation, creation and/or presentation of published work, specifically data visualization/presentation
Supervision	Supervision and leadership responsibility for the planning and execution of the research activity, including external mentoring to the core team
Project Management	Responsibility for the management and coordination of the planning and execution of the research activity
Acquisition of funds	Acquisition of financial support for the project leading to this publication

Source: *Allen, O'Connell and Kiermer (2019, p. 73)*

## Example of author's statement "CrediT"

**Chumaceiro.** Visualization, research, conceptualization, methodology, software. **Hernández.** Data Curation, Writing - Preparation of original draft. **Velazco.** Supervision. **García.** Software, Validation. **Reyes:** Writing- Revision and editing.

Thus, taxonomy provides authors with the possibility of explicitly and thoroughly acknowledging their contributions to published work. CRediT declarations must be provided during the submission process. Some elements should be highlighted:

1. The corresponding author is responsible for ensuring that descriptions are accurate and agreed upon by all authors.
2. The roles of all authors should be listed, using the relevant categories above.

3. Authors may have contributed in multiple roles.
4. Depending on the scope and type of research, two or more authors may have executed the same role.
5. CRedit in no way changes the journal's criteria for rating authorship or evaluating proposals.

## Bibliography

- Allen, L., O'Connell, A. and Kiermer, V. (2019), How can we ensure visibility and diversity in research contributions? How the Contributor Role Taxonomy (CRedit) is helping the shift from authorship to contributorship. *Learned Publishing*, 32:71-74. <https://doi.org/10.1002/leap.1210>
- Hernández Moreno, V. (2021). Implementación de la taxonomía CRedit (Contributor Roles Taxonomy). *Medicentro Electrónica*, 25(1), 1-6. Epub January 01, 2021. Retrieved December 09, 2022, from [http://scielo.sld.cu/scielo.php?script=sci\\_arttext&pid=S1029-30432021000100001&lng=es&tlng=es](http://scielo.sld.cu/scielo.php?script=sci_arttext&pid=S1029-30432021000100001&lng=es&tlng=es)
- Spinak, E. (2014). Los créditos del autor ... ¿autor de qué? [online]. *SciELO en Perspectiva*, <https://blog.scielo.org/es/2014/07/17/los-creditos-del-autor-autor-de-que/>