

BioMedicine Policy on Generative AI and AI-Assisted Technologies

For Authors

Use of AI Tools in Manuscript Preparation

BioMedicine recognizes the value of generative AI and AI-assisted technologies ("AI Tools") for enhancing research efficiency, literature synthesis, and language improvement when used responsibly with human oversight. Authors may use AI Tools to support manuscript preparation, including content organization, readability enhancement, and idea generation. However, AI Tools must never replace critical human thinking, expertise, or evaluation. Authors remain fully responsible and accountable for all content, including:

Verifying accuracy, completeness, and impartiality of AI-generated output (checking sources, as references may be fabricated). Thoroughly editing material to reflect the authors' original analysis, interpretations, and insights. Ensuring data privacy, intellectual property rights, and compliance with AI Tool terms.

Transparent disclosure of AI use.

Responsible Use Requirements

Review AI Tool terms to protect unpublished data confidentiality and limit rights granted to the provider.

Avoid inputting personally identifiable information or copyrighted material.

Check outputs for factual errors, bias, and publication constraints.

Mandatory Disclosure

Authors must include a separate AI Declaration Statement before the references upon submission, specifying:

AI Tool name(s) and version(s)

Purpose (e.g., "language improvement")

Extent of use and oversight applied

Examples of AI Declaration Statement:

The authors declare that generative AI (ChatGPT-4, OpenAI) was used solely to improve language, readability, and content organization. All outputs were critically reviewed, edited, and verified by the authors, who take full responsibility for

accuracy, completeness, and originality.

Or

During the preparation of this work the author(s) used [NAME TOOL / SERVICE] in order to [REASON]. After using this tool/service, the author(s) reviewed and edited the content as needed and take(s) full responsibility for the content of the publication.

Basic grammar/spelling checks require no declaration. AI use in research methods must be detailed in the Methods section. This statement will appear in the published article.

Authorship

AI Tools cannot be listed as authors or co-authors. Authorship requires human accountability for accuracy, originality, and final approval. See BioMedicine's Ethics in Publishing Policy.

Images, Figures, and Artwork

Prohibited: Use of Generative AI/AI-assisted tools to create, enhance, or alter images/figures (e.g., no feature addition/removal beyond brightness/contrast adjustments that preserve data).

Exception: If integral to research methods (e.g., AI-assisted imaging analysis), describe reproducibly in Methods:

Tool name, version, manufacturer

Exact usage process

Provide pre-AI raw images if requested

Graphical abstracts and cover art generated by AI are not permitted.

Publication Process

BioMedicine uses identity-protected AI tools conforming to responsible AI principles

for:

Reviewer matching

Plagiarism/completeness checks

Submission guideline compliance

These tools respect confidentiality and include human oversight.

For Reviewers

- Never upload manuscripts or review reports to AI Tools (confidentiality violation).
- AI Tools are prohibited for scientific evaluation due to risks of incorrect/biased assessments.
- Permitted author AI disclosures appear before references.

For Editors

- Never upload manuscripts/decision letters to external AI Tools.
- Editorial decisions require human critical assessment; AI supports screening only.
- Alignment with Scopus Generative AI Policies