

EDITORIAL

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Human Genomics Brief Reports: embracing concise dissemination for rapid and impactful discoveries

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In today's fast-evolving scientific landscape, the ability to communicate key findings quickly and clearly is paramount. At *Human Genomics*, our *Brief Reports* section provides a streamlined platform that encourages the rapid dissemination of important and innovative research results without compromising quality. Whether you are presenting preliminary data, methodological innovations, or unique case studies, *Brief Reports* offer researchers and clinicians a concise format to share your insights and catalyze further study.

The value of concise reporting through *Brief Reports*

Speed and efficiency: *Brief Reports* are designed to accelerate the publication process of innovative high impact human genomics scientific discoveries. By focusing on essential findings and insights, they allow researchers to rapidly share their work with the *Human Genomics* readers and the scientific community at large, sparking further inquiry and collaboration. This swift dissemination is especially valuable for high-impact preliminary studies or unexpected observations that may lay the foundation for larger investigations. To support this goal, submitted *Brief Reports* will be evaluated promptly, with an expedited peer-review process. Authors can expect editorial decisions to be made within **two to three weeks** of submission.

Focus and clarity: By limiting the length to 2,000 words (excluding the abstract and references) and constraining the format to a maximum of two figures or tables and 10 references, *Brief Reports* encourage a direct, impactful presentation. This focused approach highlights the key points and findings without getting bogged down in extraneous details, ensuring that the take-home messages are clear and accessible.

Practical utility: The *Human Genomics Brief Reports* serve as valuable resources for both researchers and health practitioners. They can offer insights that inform future directions, contribute to improved clinical practices, or provide novel perspectives on ongoing challenges in human genetics and genomics. Whether the report presents a new research methodology, a pilot study's initial findings, or a rare case study, their implications should be immediately apparent.

Embracing a range of contributions in *Brief Reports*

Case studies and limited sample research: While *Brief Reports* are not intended to serve as a repository for traditional clinical case reports, we recognize the value that can emerge from focused, well-analyzed studies involving a single case or a small number of cases or observations—when these yield insights with broader implications. We encourage submissions that use a case study format to investigate a hypothesis, identify novel patterns, or

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report unique findings that could inform further research or clinical practice. However, *Brief Reports* should not be seen as a platform for routine case reports. Submissions must clearly demonstrate the scientific or methodological innovation, conceptual novelty, or translational relevance arising from the case under examination. This distinction ensures that the section maintains its high standards and avoids the proliferation of low-value case submissions.

Examples of impactful *Brief Reports* include:

- **Preliminary Findings:** Snapshot data from large-scale studies that highlight emerging trends or unexpected results.
- **Methodological and Technological Innovations:** Reports detailing new or improved experimental approaches, providing evidence for their effectiveness and broader applicability.
- **Genomics-Related in Silico Tools or Databases:** Description, utility and applications of new or existing genomics and other OMICS tools and databases relevant to human genomics.
- **Focused Observations from Limited Samples:** Reports based on a single case or a small cohort that yield novel insights into mechanisms, outcomes, or translational relevance. These are not conventional case reports but must present findings that are methodologically or conceptually innovative.
- **Novel Observations:** Reports on unexpected findings that, while not extensive enough for a full-length paper, are nonetheless important for further investigation and will benefit from a brief but rapid dissemination to the scientific community.

- **Quick Dissemination of Protocols:** Sharing new protocols or guidelines for specific procedures or treatments, which can immediately inform and guide practice.

Equal value in publication

It is important to emphasize that *Brief Reports* are not considered lesser contributions. They are peer-reviewed, rigorously evaluated, and indexed just as comprehensively as full-length articles. Each *Brief Report* carries equal weight in the academic landscape, ensuring that concise, focused research receives the recognition and visibility it deserves.

Conclusion

Human Genomics' Brief Reports embody the principle that impactful science does not always require a lengthy exposition. By enabling the rapid publication of focused studies—be they initial findings, innovative technological or conceptual advances, or detailed case studies—we foster a dynamic environment where every significant insight can contribute to the broader tapestry of genomic research. We invite researchers to share their impactful discoveries with the Human Genomics readers through its *Brief Reports* section and help advance the field, one concise and impactful report at a time.

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