

Special Issue

Emerging Trends in Computational Biology and Bioinformatics

Message from the Guest Editor

We cordially invite you to submit your articles to the Special Issue entitled “Emerging Trends in Computational Biology and Bioinformatics”. Any contribution that utilizes mathematical and computational approaches to gain a more comprehensive understanding of the biological systems or proposes a new computational tool to manipulate the biological data produced by the new technologies will be appreciated. **Keywords**

- graph theory
- statistical learning
- Bayesian inference
- optimization parameter estimate
- deep learning
- single-cell sequencing
- spatial transcriptome
- multi-omics
- personalized medicine
- mutation calling

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2025)



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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).