Special Issue

Applications of Mathematical Modeling in Bioscience

Message from the Guest Editor

We are delighted to extend an invitation to researchers and scholars to contribute to the upcoming Special Issue on "Applications of Mathematical Modeling in Bioscience". In this Special Issue, we aim to showcase cutting-edge research that combines mathematical modeling with innovative applications, with a particular emphasis on machine learning-based methods. The integration of mathematical approaches, especially those rooted in machine learning, has become increasingly pivotal in addressing complex challenges in the field of biology. This Special Issue seeks original research articles that advance both methodological and applied aspects of mathematical biology, spanning a wide range of topics. Submissions are encouraged that explore areas such as biological modeling, computational biology, bioinformatics, and the application of machine learning techniques to biological data.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2024)

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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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