



Modelling and Analysis in Biomathematics

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Message from the Guest Editors

The purpose of this Special Issue is to gather the latest contributions with the recent advances in the theory and applications of mathematical models arising in the broad fields of cell and developmental biology, systems biology, ecology, epidemiology, population dynamics, medicine, pharmacy, therapy and vaccination strategies, biotechnology, bioengineering, environmental science, etc.

We invite the authors to submit original research articles and high-quality review articles in biomathematics obtained from development, analysis, and simulation of mathematical models based on ordinary differential equations, difference equations, dynamical systems, partial differential equations, integrodifferential equations, impulsive differential equations, fractional order differential equations, variational methods, optimal control, Markov models, and others.





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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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