Mathematical and Computational Modelling in Biological and Applied Science Processes

Guest Editors:

Prof. Giulia Spaletta
Department of Statistical Sciences, University of Bologna, 40126 Bologna, Italy

Prof. Margherita Carletti
Department of Pure and Applied Sciences (DISPeA), University of Urbino, 61029 Urbino, Italy

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Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks contributions regarding applications of mathematics to real-life situations and, above all, to Natural and Applied Science, in particular to Computational Biology and Biotechnology, but also to Physics and Medicine, are therefore welcome. Also of interest are applications involving complex and/or high-dimensional data or dynamics arising from Applied Empirical Sciences in general. Particular consideration is given to numerical and computational treatment. Hybrid symbolic/numerical solution approaches are also of interest.

Keywords

- computational biology
- computational mathematics
- computational biostatistics
- bioinformatics
- omics data
- big data
- nonlinear dynamics
- artificial intelligence
- image processing
- applied science
- applied empirical science
- applications
- symbolic and numerical calculus

Special Issue

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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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