



Biological Networks II

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Message from the Guest Editor

Dear Colleagues,

In bioinformatics, the behaviors of cells are often mathematically modeled by various kinds of biological networks, including gene regulatory networks, metabolic networks, protein–protein interaction networks, signal networks, transcription networks, phylogenetic networks, etc.

The main themes of this Special Issue (though not an exhaustive list) are algorithms for biological networks, which include discrete algorithms, statistical algorithms, heuristic algorithms, probabilistic algorithms, randomized algorithms, and machine learning methods to solve problems in biological networks that are computationally efficient. We accept both review papers and research papers.

Dr. Tatsuya Akutsu
Guest Editor





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Message from the Editor-in-Chief

Algorithms are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

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