

# Special Issue

## Recent Advances in Computational Biology and Bioinformatics

### Message from the Guest Editor

In this Special Issue, potential topics include (but are not limited to): Statistical properties of biological macromolecules (DNA, RNA, peptides, etc.); Statistical physics of complex biological systems (from molecules to communities and genetic systems); Alignment-free methods to compare symbol sequences, with applications to computer biology and bioinformatics; Anomaly detection, knowledge retrieval and smart analysis of biological sequences; Time series in biological systems and its analysis; Spatially distributed models of biological systems, with special attention to vast land use system analysis; Non-linear and advanced statistics in computational biology and bioinformatics; Specific studies in computational biology and bioinformatics; Order, disorder and complex dynamics of biological systems of various level; Algorithms and software in computer biology and bioinformatics; Artificial networks in computer biology and bioinformatics; Image processing and analysis in computer biology and bioinformatics; Problems in ODE and PDE inspired by computer biology and bioinformatics; Mathematics meeting evolution in computer biology and bioinformatics.

### Guest Editor

Prof. Dr. Michael Sadovsky

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### Deadline for manuscript submissions

closed (31 December 2023)



## Mathematics

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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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### Editor-in-Chief

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