

Special Issue

Machine Learning in Bioinformatics and Biostatistics

Message from the Guest Editors

Today, interdisciplinary research is increasingly taking precedence over pure research in a particular field. The biological and health sciences have incorporated the power of mathematical algorithms into the processing and analysis of biomedical data of various kinds. The increasing amount of biomedical data available in accessible and not always well-structured databases requires efficient data storage methods and algorithms to extract the relevant information. To achieve these objectives, artificial intelligence methods are applied, which combine mathematics and computation and are capable of solving very complicated problems by imitating human reasoning. These methods, which represent statistically real processes, range from machine learning to deep learning, and are applied to all kinds of data for various purposes, including prediction, and therefore require high-quality data. For this Special Issue, all researchers are encouraged to submit their latest research papers on Machine Learning in Bioinformatics and Biostatistics or related topics that may be of interest and that contribute to a better understanding of the problems by providing solutions to them.

Guest Editors

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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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