

Special Issue

Statistical Methods in Bioinformatics and Health Informatics

Message from the Guest Editor

It is our pleasure to invite you to submit a paper to our upcoming Special Issue on "Statistical Methods in Bioinformatics and Health Informatics". We aim to feature original research articles, reviews, and perspectives that focus on the development and application of sophisticated statistical and machine learning methods to analyze bioinformatics and health informatics data, including, but not limited to, genomics, transcriptomics, proteomics, metabolomics, microbiomics, radiomics, and electronic health record data. This Special Issue will highlight recent advancements in statistical methods and their applications in bioinformatics and health informatics data. We welcome submissions that cover a wide range of topics, such as:

- Dimension reduction and feature selection methods;
- Machine learning and artificial intelligence method;
- Federated or distributional learning to handle big data;
- The early diagnosis of disease and prediction of treatment response utilizing high-dimensional biomarkers;
- Precision medicine using omics data;
- The integration of multi-omics data.

We look forward to your contribution and participation.

Guest Editor

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Deadline for manuscript submissions

30 September 2025



Mathematics

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CiteScore 4.6



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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

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