



Mathematical Analysis in Biophysics

Guest Editor:

Prof. Dr. Alexander Zhanov

School of Mechanical
Engineering, Gwangju Institute of
Science and Technology (GIST),
Gwangju, Republic of Korea

Deadline for manuscript
submissions:

closed (31 August 2021)

Message from the Guest Editor

The purpose of this Special Issue is to provide a quantitative description of biophysical phenomena and processes by means of mathematical analysis (theory of functions, functional analysis, differential equations, numerical analysis). Explicit formulas and expressions of various dependencies are very desirable. Mathematical language must be rigorous, but understandable to physicists and biologists. It is advisable to pay particular attention to the practical application of research. Articles on biochemistry, biomedicine, and molecular biology are also welcome.





an Open Access Journal by MDPI

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank: JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Contact Us

Mathematics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/mathematics
mathematics@mdpi.com
[X@MathematicsMDPI](https://twitter.com/MathematicsMDPI)