

Special Issue

Modelling and Control in Healthcare and Biology

Message from the Guest Editors

We cordially invite researchers to contribute original research articles as well as review articles that will promote the development of new approaches for medical applications. With this Special Issue, we hope to stimulate continuing efforts to solve real-world medical problems with advanced theories and technologies of applied mathematics as well as provide a good opportunity for researchers in applied mathematics, medical sciences, and engineering fields to discuss the current state-of-the-art knowledge of this emerging interdisciplinary research field. Potential topics include but are not limited to:

- Mathematical modeling in medicine;
- Optimization techniques in medicine;
- Neural networks in medicine;
- Biomedical signal and image processing;
- Physiological feedback control;
- Applied statistics in medicine.

Guest Editors

Prof. Dr. Eva H. Dulf

Faculty of Automation and Computer Science, Department of Automation, Technical University of Cluj-Napoca, Memorandumului 28, 400014 Cluj-Napoca, Romania

Prof. Dr. Levente Kovács

Physiological Controls Research Center, Research, Innovation and Service Center, Óbuda University, 1034 Budapest, Hungary

Deadline for manuscript submissions

closed (20 January 2023)



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Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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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
School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).