Modelling and Control in Healthcare and Biology

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Deadline for manuscript
submissions:
closed (20 January 2023)

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.

Special Issue

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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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