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Mathematical Modeling in Biomechanics and Mechanobiology

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Deadline for manuscript submissions:
closed (31 October 2020)

Message from the Guest Editors

The purpose of this Special Issue is to gather a collection of articles reflecting the state-of-the-art in different fields of Mathematical Modeling in Biomechanics and Mechanobiology, offering a wide and rigorous perspective. New synergies are needed to face the urgent challenges connected with healthcare social problems and sustainability through integrated multidisciplinary approaches. This special issue is linked to the Advanced International School on "Imaging, Modeling and Simulation in Biomechanics and Mechanobiology" (http://www.unicampus.it/eng/current/imaging-modeling-and-simulation-in-biomechanics-mechanobiology).

Keywords

- Mathematical modeling
- Biomechanics
- Mechanobiology
- Biomedical imaging
- Continuum mechanics
- Theoretical biology
- Computational modeling
- Numerical modeling

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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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