

Special Issue

Biomechanics of Soft and Hard Tissues

Message from the Guest Editors

The number of biomechanical studies being carried out has drastically increased in recent years, demonstrating the importance of this discipline, which is continuously expanding. Thus, research activities in this area are crucial due to the development of innovative biomaterials for new fields of application, along with the emergence of advanced computational techniques to support experimental procedures. This Special Issue, entitled “Biomechanics of Soft and Hard Tissues”, aims to collect high-quality contributions that focus on the investigation of the mechanical characterization and response of biological tissues and biomaterials from both experimental and/or computational points of view. Topics of interest include, but are not limited to:

- Experimental biomechanics;
- Computational biomechanics;
- Tissue engineering;
- Mechanics of biomaterials;
- Effect of damage, trauma and aging on biological tissue mechanics;
- Computer-assisted surgery;
- Computational biomechanics for surgery;
- Biorobotics.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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