



## Composite and Biomaterials in Biomedical Applications

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Deadline for manuscript  
submissions:

**closed (15 March 2022)**

### Message from the Guest Editors

The intent of this Special Issue is to contribute to the publication of reports containing interchangeable original and substantial findings wherein the principles of mechanics are used to explore biological problems.

Numerical/analytical, as well as experimental papers may be submitted for a wide range of topics in biomechanics, including, but not limited to:

Cardiovascular and respiratory biomechanics—mechanics of blood-flow, air-flow, mechanics of the soft tissues, flow–tissue or flow–prosthesis interactions;

Dental biomechanics—design and analysis of dental tissues and prostheses, mechanics of chewing;

Tissue engineering—the role of biomechanical factors in engineered tissue replacements and regenerative medicine;

Injury biomechanics—mechanics of impact and trauma;

Orthopedic biomechanics—mechanics of bone fracture, mechanics of implants and implant fixation, mechanics of bones and joints, wear of natural and artificial joints;

Rehabilitation biomechanics—mechanics of prosthetics and orthotics.





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## Editor-in-Chief

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## 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.

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