



Biomimetic Smart Materials and Devices in Medicine

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Message from the Guest Editor

Dear Colleagues,

Modern medicine is taking advantage of continuous progresses in biomedical engineering. This Special Issue is dedicated to presenting the most promising recent research advancements of new hybrid and smart materials for biomimetic and bionic devices and innovative biomechanical research approaches, as well as reviewing results from a broad category related to the application of biomedical engineering with new biomimetic metals, ceramics, polymers and their combinations in nanocomposites and hybrid materials.

The aim of this Special Issue is to outline the convergence between clinical applications and biomedical engineering from the perspective of innovative materials science and technologies.

Prof. Dr. Antonio Apicella
Guest Editor





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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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