

## Special Issue

# Advances in Polymer & Composite Biomaterials for Biomedical Applications

### Message from the Guest Editors

Polymer composites are nowadays, a well-recognized family of composites, characterized by ease in manufacture, low cost, established processing methods, and varied applications ranging from daily-use issues to highly complicated electronics and advanced medical combinations. Also, nanocomposites made available with graphene and other types of advanced ceramic or organic nanoparticles, are into play in the late years. This special issue shall focus on the most important fabrication techniques for polymers and polymer-composites in biomedical applications. Additive manufacturing techniques, such as various 3D printing methods, which have also facilitated the use of smart polymers and some types of filled composites in the families of medical technologies are also of great interest. Finally, recent progress in biomedical applications and technologies are promoted, such as tissue engineering (including bone, blood vessels, oral tissues, and skin), maxillofacial, plastic surgery, dental resin-based composites, and wound dressing -healing materials as well as smart bio-implants.

### Guest Editors

Dr. Dionysis E. Mouzakis

Dr. Nektarios Nasikas

Dr. Panagiota Koralli

Dr. Styliani Papatzani

### Deadline for manuscript submissions

closed (20 September 2022)



## Applied Sciences

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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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### Editor-in-Chief

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