Journal of
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Functional Hydrogels for Tissue Engineering and Regenerative Medicine

Guest Editors:

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Deadline for manuscript submissions:
closed (30 April 2024)

Message from the Guest Editors

Tissue engineering is an important field of regenerative medicine, which combines scaffolds and cell transplantation to develop substitute tissues and/or promote tissue regeneration, either with or without drug delivery. Hydrogels have been used as one of the most common tissue engineering scaffolds over the past two decades due to their ability to maintain a distinct 3D structure, provide mechanical support for the cells in the engineered tissues, and simulate the native extracellular matrix. This Special Issue aims to collect research and review papers concerning the properties, structure, synthesis and fabrication methods, and applications of hydrogels in tissue engineering.

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Editor-in-Chief

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Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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