

Special Issue

Polymeric Biomaterial in Tissue Engineering

Message from the Guest Editor

Dear Colleague, In recent decades, a diverse range of polymers have found applications in biomedical contexts, serving purposes in both soft- and hard-tissue regeneration and the artificial modelling of in vivo pathophysiology. The discovery of various biopolymers has led to technological advancements, facilitating the development of clinically relevant constructs that align with biological imperatives and surgeon-driven functional requirements. To this end, tissue engineering can lead to the ultimate translational tissue engineering applications. This Special Issue aims to showcase the latest breakthroughs in this field, highlighting emerging technologies and promising biomaterials that enhance functional attributes and address regulatory hurdles, thereby advancing the prospects of commercial tissue-engineered products.

Guest Editor

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Pankaj Vadgama

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