

Special Issue

Biopolymer-Based Materials for Biomedical Applications

Message from the Guest Editors

This Special Issue aims to compile research on biopolymer-based materials for biomedical applications, showcasing innovative approaches and breakthrough discoveries in this rapidly evolving field. We welcome original research articles, comprehensive reviews, and clinical studies that address topics including, but not limited to, novel extraction and processing techniques for biopolymer materials, functionalization and modification strategies, drug delivery systems and therapeutic applications, antimicrobial and wound healing materials, tissue engineering and regenerative medicine applications, biosensors and diagnostic platforms, and biocompatibility and safety assessments.

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Deadline for manuscript submissions

28 August 2026



Journal of Functional Biomaterials

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/252113

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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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