Special Issue

State of the Art: Three-Dimensional Printing Materials and Regenerative Medicine

Message from the Guest Editor

This Special Issue of the *Journal of Functional Biomaterials* delves into the intersection of advanced manufacturing technologies and regenerative medicine, aiming to explore the latest developments, challenges and applications of 3D printing materials in the context of tissue engineering and regenerative medicine. By showcasing cutting-edge research and innovative methodologies, the Special Issue seeks to provide insights into the design, fabrication and characterization of biomaterials for 3D printing, as well as their applications for tissue regeneration and repair. Additionally, this collection of articles will contribute to the existing literature by offering a comprehensive overview of the current trends and future directions in the field. By situating itself within the broader landscape of biomaterials science and regenerative medicine, the Special Issue aims to foster an interdisciplinary dialogue and stimulate further advancements in this rapidly evolving field.

Guest Editor

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Deadline for manuscript submissions

28 February 2026

Journal of Functional Biomaterials

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed

mdpi.com/si/205011

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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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