



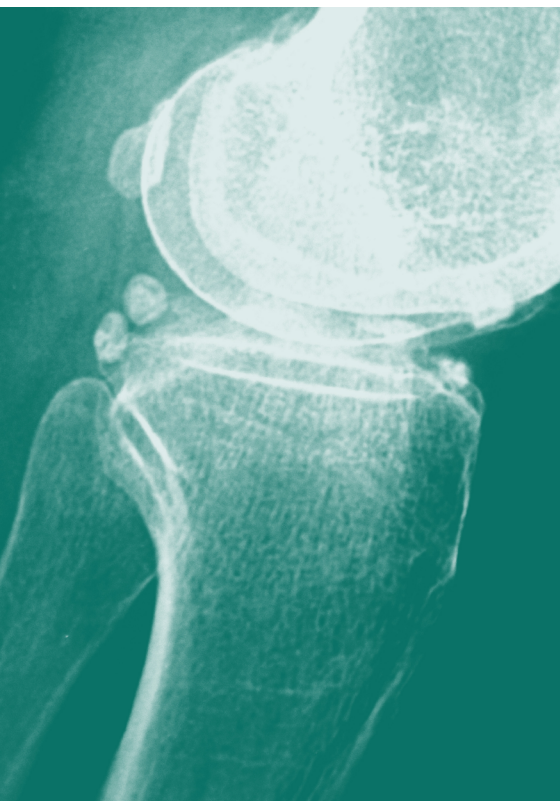
an Open Access Journal by MDPI

Impact Factor 5.2

CiteScore 6.8

Indexed in PubMed

Journal of Functional Biomaterials



[mdpi.com/
journal/
jfb](https://mdpi.com/journal/jfb)



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.

Editor-in-Chief

Prof. Dr. Pankaj Vadgama

Section Editors-in-Chief

Prof. Dr. Daniel X.B. Chen

Dr. Serena Danti

Prof. Dr. John H.T. Luong

Prof. Dr. Li Ren

Prof. Dr. Gianrico Spagnuolo

Aims

The *Journal of Functional Biomaterials (JFB)*, ISSN 2079-4983 is an international and interdisciplinary scientific journal that publishes regular research papers (articles), reviews, and communications about applications of materials for biomedical use. This specific research field is 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 *JFB* is to focus the attention on physicochemical characteristics and their importance in the interactions between biomaterials and living tissues as well as studies on the preparation, performance, and use of biomaterials in biomedical devices in physiological environments. Our aim is to encourage scientists to publish their results in as much detail as possible.

Scope

The scope of the *Journal of Functional Biomaterials* includes but is not limited to:

- Biomedical and Pharmaceutical Technology—the design of small and biological drug carriers, innovative technics of all pharmaceutical dosage forms, controlled release, bioavailability, and drug absorption
- Tissue Engineering and Regenerative Medicine—biomaterial sciences, methods/technologies to engineer scaffolds from biomaterials, and scaffold-based tissue regeneration and visualization. For example, for bone, dental, and muscle tissue engineering; skin regeneration and wound healing; and so on
- Nanomedicine and Nanotechnology—an emerging topic in theranostics, precision medicine gene therapy, and immunotherapy, and for therapy of infectious diseases, cancer, metabolic diseases, and cardiovascular diseases
- Sensors for Health—advancements in diagnostic and electronic devices including sensors, DNA chips, electronic noses, and lab-on-a-chip

Author Benefits

Open Access

Unlimited and free access for readers

No Copyright Constraints

Retain copyright of your work and free use of your article

Thorough Peer-Review

Discounts on Article Processing Charges (APC)

If you belong to an institute that participates with the MDPI Institutional Open Access Program

No Space Constraints, No Extra Space or Color Charges

No restriction on the maximum length of the papers, number of figures or colors

Coverage by Leading Indexing Services

Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Ei Compendex, Inspec, CAPlus / SciFinder, and other databases

Rapid Publication

A first decision is provided to authors approximately 15.9 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025)

MDPI is a member of

CASPA



STM¹



SPARC*
Europe



DOAJ



ORCID



Editorial Office

jfb@mdpi.com

MDPI

Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

mdpi.com

July 2025

