Special Issue

Biomaterials for Drug Delivery

Message from the Guest Editors

Nanomedicine represents a medical priority today, with many countries developing new plans to improve research in this field. According to its enormous potential in medicine and medical technologies, the actual directions of nanomedicine are represented by the development of the basic sciences experiments according to the multidisciplinary vision of nanoscience, and training programs especially for young researchers, and moreover to provide human resources to private industry. In this Special Issue, we invite researchers to provide original research articles, as well as review articles focusing on multiple issues, such as the obtaining, characterization, structure, and original aspects about biomaterials for drug delivery, possibly revealing novel design technologies, advantages, disadvantages, and their various medical applications.

Keywords

- biomaterials
- biocompatible polymers
- nanoparticles
- drug delivery
- structure–properties relationship
- biohybrid
- in vitro study
- biocompatibility evaluation
- in vivo animal models
- various applications of biomaterials

Guest Editors

Prof. Dr. Liliana Mititelu Tartau

Department of Pharmacology, Faculty of Medicine, "Grigore T. Popa" University of Medicine and Pharmacy, 700115 Iasi, Romania

Prof. Dr. Maria Bogdan

Department of Pharmacology, Faculty of Pharmacy, University of Medicine and Pharmacy of Craiova, 200349 Craiova, Romania

Deadline for manuscript submissions

closed (20 April 2023)

Journal of Functional Biomaterials

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed

mdpi.com/si/91704

Journal of Functional Biomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jfb@mdpi.com

mdpi.com/journal/jfb

Journal of Functional Biomaterials

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed

mdpi.com/journal/jfb

MDPI

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
School of Engineering and Materials Science, Queen Mary University of London, London, UK

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

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

Journal Rank:

JCR - Q1 (Engineering, Biomedical) / CiteScore - Q2 (Biomedical Engineering)