



Renewable Polysaccharides for Bioactive Functional Materials and Applications

Guest Editors:

Prof. Dr. Lidija Fras Zemljič

Faculty of Mechanical
Engineering, University of
Maribor, Maribor, Slovenia

Dr. Olivija Plohl

Faculty of Mechanical
Engineering, University of
Maribor, 2000 Maribor, Slovenia

Deadline for manuscript
submissions:

closed (28 April 2023)

Message from the Guest Editors

This Special Issue is dedicated to the development of novel bioactive polymeric materials using renewable polymers in combination with co-natural substances that are bioactive and can potentially be used in different applications as medical textiles, medical devices, active packaging, etc. The Issue may also highlight the risks associated with scaling up recently developed products. Contributions from graduate students, post-doctoral fellows, and young investigators from various research fields are highly welcome.

Keywords

- renewable polymers
- biopolymers
- biodegradable
- antimicrobial
- polysaccharides





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Pankaj Vadgama

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

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.

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, Inspec, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Engineering, Biomedical) / CiteScore - Q2 (*Biomedical Engineering*)

Contact Us

Journal of Functional Biomaterials
Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jfb
jfb@mdpi.com
[X@JFB_MDPI](https://twitter.com/JFB_MDPI)