



Bioactive Coatings and Surfaces for Medical Applications

Guest Editors:

Dr. Zhou Ye

Faculty of Dentistry, The
University of Hong Kong, Hong
Kong, China

Dr. Ting Sang

School of Stomatology,
Nanchang University, Nanchang,
China

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

This Special Issue is dedicated to the basic and applied studies on the topics of bioactive coatings and surfaces and their interactions with biological systems, including, but not limited to, new synthesis routes, material fabrication techniques, characterization methodologies, in vitro and in vivo assessments, mechanistic studies, and translational studies. Original research articles and reviews related to these topics are welcome to be submitted to this Special Issue. We believe that the broad readership of the *Journal of Functional Biomaterials* would convey your research to scientists and clinicians in the fields of biomaterials, tissue engineering, biochemistry, microbiology, dentistry, orthopedics, dermatology, oncology, etc.

Keywords

- coatings
- surface nanostructures
- interfaces
- bioactivity
- biomaterials
- implants





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](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*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](#)