



an Open Access Journal by MDPI

Advanced Materials for Biosensors

Guest Editors:

Prof. Dr. Stefano Bellucci

INFN-Laboratori Nazionali di
Frascati, 00044 Frascati, Italy

Dr. Laura Micheli

Department of Chemical Science
and Technologies, University of
Rome Tor Vergata, 00133 Rome,
Italy

Deadline for manuscript
submissions:

closed (15 July 2021)

Message from the Guest Editors

Dear Colleagues,

The topic will specifically cover recent progress on the development of new synthetic approaches for the synthesis of these advanced nanomaterials for biosensing with different chemical compositions (metals, semiconductors, metal-oxides, polymers, graphene, DNA, enzymes, etc.), nanoscale dimensions and morphologies (particles, pores, wires, tubes, rods, etc.), and the characterization their sensing properties, focused on designing new biosensing devices with improved performances for emerging applications.

Prof. Stefano Bellucci

Prof. Dr. Laura Micheli

Guest Editor



mdpi.com/si/37203

Special Issue



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 - 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](https://twitter.com/JFB_MDPI)