



Feature Review Papers on Dental Biomaterials

Guest Editor:

Prof. Dr. Gianrico Spagnuolo

Department of Neuroscience,
Reproductive and
Odontostomatological Sciences,
University of Naples Federico II,
80131 Naples, Italy

Deadline for manuscript
submissions:

30 April 2025

Message from the Guest Editor

Dear Colleagues,

The Special Issue aims to collect high-quality review papers focusing on the latest developments on new biomaterials related to dentistry. Reviews on different aspects of material science technologies used in various dental and oral medicine applications will be considered in this Special Issue.

Potential topics include but are not limited to the following:

- Composites, polymers, bioactive materials, hydrogels, drug delivery systems, biomimetic materials, engineered scaffolds, and materials for ortho-/endodontics and prosthetics.
- Adhesive and dental impression materials.
- Inorganics, such as ceramics, zirconia, and silicate cement.
- Biocompatibility and toxicity.

Prof. Dr. Gianrico Spagnuolo

Guest Editor





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, Grosspeteranlage 5
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)