Special Issue

Endodontic Biomaterials

Message from the Guest Editor

Endodontics is currently going through one of the most exciting periods of knowledge expansion within the history of the discipline, especially in terms of the future clinical translation of scientific attainments, largely driven by new insights in pulp biology and biomaterial development. One of the focuses of biomaterials science is to engineer substances to be used in therapeutic procedures, able to interact with the components of living systems and promote specific treatment goals in order to improve the expected clinical outcomes. The immense advances verified over the last two decades with the introduction of breakthrough materials for root canal filling, pulp capping and regenerative endodontic procedures represent a leap forward in our capacity to simplify current complex therapeutic approaches in the endodontic field. Hopefully this will allow for more conservative treatment options to manage pulpal and periapical pathology and preserve the natural dentition of our patients.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2023)

Journal of Functional Biomaterials

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed

mdpi.com/si/19411

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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
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