Special Issue

Advanced Functional Biomaterials for Dental Implants

Message from the Guest Editor

Dentistry, as a specialty, is believed to have commenced about 300 B.C. Cavities in teeth have been replaced or restored since ancient times with a variety of materials including stone chips, cork, metal foils, or sometimes human teeth. The main goal of dentistry is to enhance the quality of the life of dental patients. This can be achieved by the development and selection of biocompatible and durable tooth-filling materials, i.e., prosthetic materials that are able to stand the adverse conditions of our oral environment. During the last decades, we have seen the development, characterization, and usage of new materials to repair and replace teeth. Four main groups of dental materials are used today, metals, ceramics, composites, and polymers. This topic will focus on the dental materials involves the study of the composition, structure, and properties of the materials that dentists and laboratories are using and the way in which they are placed. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2021)

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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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