Special Issue

Resin-Matrix Composites and Cements for Dental Restorations

Message from the Guest Editor

The Special Issue on “Resin–Matrix Composites and Cements for Dental Restorations” involves the contributions of students, researchers, and professors in dentistry and related fields. This Special Issue deals with the processing, application, and characterization of resin–matrix composites for dental restorations. The current Special Issue covers the following topics:

- Physicochemical characterization of resin–matrix composites and cements by different techniques;
- Degradation (aging) assays and color changes of resin–matrix composites and cements in different media;
- Degree of conversion of the organic matrix and polymerization of resin–matrix composites and cements;
- Light transmission through resin–matrix composites and cements over polymerization;
- Novel methods in handling resin–matrix composites and cements for dental restorations;
- Cytocompatibility and anti-microbial potential;
- Toxic effects of monomers, BPA, and their derivatives.

Guest Editor

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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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