

Special Issue

State-of-the-Art Dental Adhesives and Restorative Composites

Message from the Guest Editor

Modern dental composite restorative systems, in tandem with the associated adhesives for dentin and enamel, are typically composed of three essential components: 1) a resin network, 2) reinforcing filler particles, and 3) additives that supply unique functions. Dentists and scientists creatively blend these three components, akin to artists mixing RGB colors, to address a wide array of complex dental cases. With over half a century of clinical data and ongoing development, new materials and advanced technologies continue to emerge.

In this Special Issue, our objective is to provide a comprehensive review and witness the evolution of dental adhesives and resin composites. We will delve into the artistry involved in crafting functional dental restoratives, explore the excitement of applying cutting-edge materials and technologies, and take immense satisfaction in contributing to the overall well-being of humanity.

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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