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Unraveling the Properties of Tooth Adhesive Interfaces for the Benefit of the Longevity of Restorations

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Message from the Guest Editors

Hoping to find that everyone is safe and in good health, we are delighted to invite you to submit a manuscript to our Special Issue.

This peer-reviewed issue aims to provide an assessment of the state-of-the-art related to the comprehension of the characterization of adhesive interface properties that will lead to successful and durable restorations. The issue will be of interest to biomaterials researchers, operative-restorative scientists, interdisciplinary investigators, practitioners, the personnel of dental material companies, and dental educators.

The long-term use of adhesive materials in the oral cavity is associated with several issues concerning biological-chemical challenges (e.g., caries and erosion); intense mechanical stress leading to wear or fracture; biocompatibility; esthetics, etc. The adhesive interface is considered a weak link, and it is critical to the long-term durability of resin-based dental materials. Unraveling the mysteries and properties of adhesive interfaces could benefit the restorative treatment and oral health of patients.



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Special Issue



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