Special Issue

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

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; biocompability; 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.

Guest Editors

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Deadline for manuscript submissions

closed (10 June 2023)

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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