

# Special Issue

## Novel Biomaterials in Dentistry

### Message from the Guest Editor

Modern dentistry is witnessing a transformative evolution through the development and application of novel biomaterials. This Special Issue aims to highlight cutting-edge research, emerging trends, and innovative technologies that are shaping the future of dental biomaterials. Recent advancements in biomimetic materials, bioactive ceramics, nanomaterials, and tissue-engineering scaffolds are redefining restorative, prosthetic, and regenerative dental therapies. These materials offer enhanced mechanical properties, biocompatibility, and aesthetic outcomes while addressing challenges such as biofilm resistance, tooth remineralization, and implant integration. The Special Issue also explores the role of nanotechnology in improving adhesive interfaces, drug delivery systems, and antibacterial coatings. This Special Issue aims to provide a comprehensive overview of the current state and future directions in dental biomaterials.

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### Guest Editor

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### Deadline for manuscript submissions

closed (25 November 2025)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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