



Special Issue Reprint

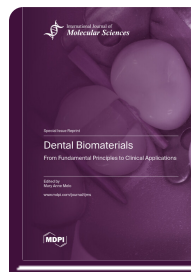
Dental Biomaterials: From Fundamental Principles to Clinical Applications

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The continuous evolution of preventive and therapeutic strategies aims to enhance oral health outcomes. Novel approaches are being developed to prevent and treat prevalent oral diseases like dental caries, periodontitis, and oral cancer. Researchers are also exploring the potential of biomaterials in regenerative dentistry, such as promoting bone growth and repairing damaged oral tissues.

The ongoing research and development in dental materials and biomaterials holds great promise for improving oral health outcomes. However, it is imperative to maintain a sustained focus on research to fully leverage their potential and effectively address the existing gaps in dental care.

In the special issue titled "Dental Biomaterials: From Fundamental Principles to Clinical Applications," significant findings have emerged from a variety of sources, including in vitro experiments and clinical trials. These insights have deepened our understanding of oral disease biology, resulting in the development of innovative treatment approaches like targeted drug delivery systems and gene therapy. Clinical trials have also provided evidence on the effectiveness and safety of these new treatment options.

Overall, these advancements in technology and treatment offer hope for enhanced management of oral diseases. Nevertheless, it is crucial to emphasize the importance of continuous research and development in order to fully unlock the potential of these innovations and achieve significant progress in improving oral health outcomes.



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