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Special Issue Reprint

Biomaterials Applied in Dental Sciences

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The rapid progress in biomaterials applied to dental sciences, combined with advancements in bioengineering, has driven a significant evolution in the materials used for bone and soft tissue graft procedures, reconstructions, composites, and ceramics. As new biomaterials are continuously developed and modified, rigorous testing of their physical properties and biocompatibility remains essential. This Reprint presents a comprehensive collection of research focused on these technological and clinical advancements. A thorough understanding of modern biomaterials leads to more appropriate clinical applications and successful strategies that directly improve dental treatment outcomes and long-term results. The studies gathered in this Reprint highlight innovations designed not only to replace missing or damaged dental tissues but also to promote active tissue regeneration and protect healthy tooth structures. By exploring diverse areas of dental research, including the regenerative potential of stem cells for tissue repair, this Reprint serves as a valuable resource for researchers and practitioners seeking to expand their knowledge and enhance their clinical capabilities in modern dentistry.

