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Advances in Dental Composite Materials and Biomaterials

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Message from the Guest Editor

Over the last few decades, there has been an increased demand for esthetics, biocompatibility, and longevity of advanced dental composite materials. Dental composites are expected to mimic the characteristics of the natural teeth by providing similar color, mechanical properties and also offering a long lasting in time. The differences in filler loadings are the basis of a variety of classes of dental composites with variable mechanical properties, radiopacity, water sorption, solubility or polymerization shrinkage. The development of new nano-composites will lead to the development of new treatment methods using advanced biomimetic materials to achieve structures close to the teeth or bone, when we refer to implantology.



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Special Issue



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Message from the Editor-in-Chief

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