



Frontiers Research in Dental Materials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Dental materials are widely used in fields of dental sciences such as orthodontics, surgery, operative dentistry, endodontics, and periodontics. Today, the dental material market includes resin composite, polymers, glass ionomers, ceramics, titanium, zirconia, and silicate cement. Novel biocompatible and bioactive materials are reported daily in the scientific literature, with a specific focus on pulp repair/regeneration, dental/oral tissue engineering, and bone repair. Additive technologies allow the creation of novel customized and personalized biomaterials that combine excellent mechanical and biological properties in the same product.

Better knowledge of the biological, chemical, physical, and mechanical proprieties of dental materials requires continual sharing of the latest research and discoveries in this area. Thus, the aim of the present Special Issue is to provide a scientifically-based overview of the growing development of experimental medicine and biotechnology medical/surgical methods for the evaluation and use of new biomaterials/biomimetics combined with sophisticated and minimally invasive dental techniques.





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Message from the Editor-in-Chief

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