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Dental Implant Biomaterials

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Message from the Guest Editor

The use of dental implants for the rehabilitation of missing teeth has increased treatment options for patients. Loss of teeth in the posterior maxillary area can lead to adverse consequences. At present, there are several types of graft materials used in this procedure, each with its advantages and disadvantages. Ideal graft implant material should be biocompatible, increase bone volume in the grafted area to promote initial stability at implant sites, and be resorbed with time and be replaced with native bone. That is why the goal is to seek an ideal scaffold that provides good mechanical support temporarily while maintaining bioactivity, and which can biodegrade later at a tailorable rate.

It is, therefore, my immense pleasure to invite you to submit a manuscript for the Special Issue, “**Dental Implant Biomaterials**” covering any aspect of the properties and behavior of dental implant materials, including in vitro and in vivo studies.

Keywords

- scaffolds
- bone grafts
- bone tissue–material interaction
- resorption
- histomorphometric analysis



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Special Issue



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Message from the Editor-in-Chief

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