



## Dental Biomaterials: Imaging, Testing and Modelling

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Deadline for manuscript  
submissions:

**closed (31 May 2021)**

### Message from the Guest Editors

Dental biomaterials are rapidly evolving. Their introduction into clinical practice is relatively recent. Current research on dental biomaterials include clinical studies on human models that evaluate graft–host interactions regarding biomaterials already approved for clinical applications and basic and translational studies regarding new frontiers in bioengineering, like three-dimensional bioprinting. The first group of investigations includes research on alveolar ridge augmentation, bone tissue engineering, orthodontic tooth movement into regenerated bone, root canal treatment with bioactive cements, periodontal ligament replacement, and so forth. The second group of works includes in vitro and in vivo animal studies on newly developed biomaterials consisting of a combination of stem cells in bioactive scaffolds and nanostructured materials. These biomaterials are produced either by three-dimensional bioprinting or by cell seeding after stereolithographic production of the scaffold.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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