



## Biomaterials Research in Oral Health and Clinical Dentistry

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Deadline for manuscript  
submissions:

**closed (20 December 2023)**

### Message from the Guest Editors

Biomedical implants are used for rehabilitating the loss function of the body, such as mastication, walking as well as aesthetics, able to be performed with traditionally available titanium-based implants. However, the current advancements of novel technologies (e.g., 3D or 4D printing, CAD–CAM, selective laser melting, additive manufacturing) have optimized the clinical gaps in using biomedical implants in dentistry and orthopaedics. The use of these technologies reduces the chances of stress shielding, implant failure due to load and antimicrobial coverage, and the coating of biomedical implants with the help of bone morphogenic proteins, hydroxyapatite, bioactive glasses, magnesium, graphene, carbon, metal, metallic oxide, metallic hydroxide, etc., can help in reducing microbial contamination, providing long-term clinical success. This Special Issue invites researcher/academicians to submit original full papers, communications and comprehensive reviews describing the latest progress in implant design, surface coating, surface modification and biomechanics for dentistry and orthopaedics.





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## Message from the Editor-in-Chief

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