



Advanced Materials and Technology in Dental, Oral and Maxillofacial Health

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Deadline for manuscript submissions:

closed (20 March 2024)

Message from the Guest Editor

Patients' quality of life is highly dependent on dental, oral, and maxillofacial health. In recent years, the regeneration of defects in the maxillofacial region has witnessed major advancements and innovations, mainly in the terms of biomaterial fabrication using advanced technologies. In this Special Issue, we welcome original articles (clinical, in vitro, and in vivo studies), reviews (narrative and systematic), and short communications that address the following topics focused on the regeneration of defects in the maxillofacial region, either due to accidents, oral/head and neck cancer, and periodontitis; 3D printing methods for the manufacturing of 3D printed scaffolds; as well as advances in biomaterial fabrication and coating, and their applications in personalized medicine.

Keywords:

- biomaterials
- 3D printing
- scaffolds
- personalized medicine
- maxillofacial defects





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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